ORDER

U.S. DEPARTMENT OF TRANSPORTATION
FEDERALAVIATION ADMINISTRATION

7400.8D

Date: 7/11/96

SUBJ: SPECIAL USE AIRSPACE

1. PURPOSE: This order, published yearly, provides a listing of all regulatory and nonregulatory Special Use Airspace designations, and pending amendments to those designations, established by the Federal Aviation Administration (FAA).

2. DISTRIBUTION: This order is distributed to selected offices in Washington Headquarters, regional Air Traffic Operations Branches, Air Route Traffic Control Centers, and interested aviation parties.

3. CANCELLATION: Order 7400.8C, Special Use Airspace, dated June 29, 1995, is canceled.

4. EFFECTIVE DATE: September 16, 1996.

5. BACKGROUND: Actions establishing, amending, or revoking regulatory and nonregulatory designation of special use airspace, in the United States and its territories, are issued and published throughout the year in the Federal Register or the National Flight Data Digest. These actions are generally effective on dates coinciding with the periodic issuance of National Ocean Service navigational charts.

Due to the large number and the frequency of changes, the designations are not carried in Title 14 of the Code of Federal Regulations (14 CFR) part 73. For ease of reference, the FAA is providing this compilation of all regulatory and nonregulatory airspace designations in effect and pending (issued but not yet effective) as of April 30, 1996. All positional data used in this order are based on North American Datum of 1983. No substantive change to any airspace designation is made by this effort. All substantive amendments to the affected parts of 14 CFR have been adopted and published previously in accordance with 5 U.S.C. sections 552 and 553.

6. REQUEST FOR INFORMATION: For further information contact: Brenda Brown (202) 267-9235 or Janet Glivings (202) 267-9254, Airspace and Rules Division, ATA-400, Federal Aviation Administration, 800 Independence Avenue, SW., Washington, D.C. 20591.

Harold W Becker

Harold W. Becker
Acting Program Director for Air Traffic Airspace Management

TABLE OF CONTENTS

TITLE M-AERONAUTICS and SPACE

Chapter 1 Federal Aviation Administration

SUBCHAPTER E-AIRSPACE

PART 73–Special Use Airspace

Regulatory and Nonregulatory

Section *Page*

SUBPART A – GENERAL

§ 73.1 Applicability. 8-1
§ 73.3 Special Use Airspace 8-1
§ 73.5 Bearings; Radials; Miles. 8-1

SUBPART B – RESTRICTED AREAS

§ 73.11 Applicability. 8-3
§ 73.13 Restrictions 8-3
§ 73.15 Using agency. 8-3
§ 73.17 Controlling Agency. 8-3
§ 73.19 Reports by Using Agency. 8-3
§ 73.21 Alabama 8-4
§ 73.22 Alaska 8-5
§ 73.23 Arizona 8-6
§ 73.24 Arkansas ..... [illegible]
§ 73.25 California 8-10
§ 73.26 Colorado 8–15
§ 73.27 Connecticut 8-15
§ 73.28 Delaware 8-15
§ 73.29 Florida 8-15
§ 73.30 Georgia 8–20
§ 73.31 Hawaii 8-24
§ 73.32 Idaho 8-26
§ 73.33 Illinois 8-26
§ 73.34 Indiana 8-26
§ 73.35 Iowa 8-27
§ 73.36 Kansas 8-27
§ 73.37 Kentucky 8-28
§ 73.38 Louisiana 8-29
§ 73.39 Maine 8–30
§ 73.40 Maryland 8–30
§ 73.41 Massachusetts 8-32
§ 73.42 Michigan 8-32
§ 73.43 Minnesota 8-33
§ 73.44 Mississippi 8-33
§ 73.45 Missouri 8-34
§ 73.46 Montana 8-35
§ 73.47 Nebraska 8-35
$73.48 Nevada 8-35
573.49 New Hampshire 8-38
§ 73.50 New Jersey 8-38
573.51 New Mexico 8-39
§ 73.52 New York 8-42

TABLE OF CONTENTS-Continued

Section		Page
§ 73.53	North Carolina	8-43
§ 73.54	North Dakota	8-47
§ 73.55	Ohio	8-47
$73.56	Oklahoma	8-47
§ 73.57	Oregon..	8-48
$73.58	Pennsylvania	8-49
§ 73.59	Rhode Island	8-49
§ 73.60	South Carolina	8-49
§ 73.61	South Dakota	8-50
§ 73.62	Tennessee	8-50
§ 73.63	Texas..	8-50
§ 73.64	Utah	8-51
§ 73.65	Vermont	8-53
573.66	Virginia	8-53
573.67	Washington	8-55
§ 73.68	West Virginia	8-58
573.69	Wisconsin	8-58
573.70	Wyoming	8-59
573.71	Puerto Rico	8-59
§ 73.72	Guam	8-60

SUBPART C-PROHIBITED AREAS

§ 73.81	Applicability.	8-61
§ 73.83	Restrictions.	8-61
§ 73.85	Using Agency.	8-61
§ 73.87	P-56 District of Columbia Boundaries.	8-61
§ 73.89	P-47 Amarillo, TX	8-61
§ 73.90	P-40 Thurmont, MD	8-61
§ 73.91	P-73 Mount Vernon, VA	8-61
§ 73.94	P-67 Kennebunkport, ME	8-61

NONREGULATORY SPECIAL USE AIRSPACE

General	8-62
Military Operations Areas	8-63
Alert Areas	8-121
Warning Areas	8-127

IDENTIFIERS

List of Identifiers	8-152

PART 73-SPECIAL USE AIRSPACE

REGULATORY

SUBPART A – GENERAL

§ 73.1 Applicability.

The airspace that is described in Subpart B and Subpart C of this part is designated as special use airspace. These parts prescribe the requirements for the use of that airspace.

§ 73.3 Special Use Airspace.

a. Special use airspace consists of airspace of defined dimensions identified by an area on the surface of the earth wherein activities must be confined because of their nature, or wherein limitations are imposed upon aircraft operations that are not a part of those activities, or both.

b. The vertical limits of special use airspace are measured by designated altitude floors and ceilings expressed as flight levels or as feet above mean sea level. Unless otherwise specified, the word "to" (an altitude or flight level) means "to and including" (that altitude or flight level).

c. The horizontal limits of special use airspace are measured by boundaries described by geographic coordinates or other appropriate references that clearly define their perimeter.

d. The period of time during which a designation of special use airspace is in effect is stated in the designation.

§ 73.5 Bearings; Radials; Miles.

a. All bearings and radials in this part are true from point of origin.

b. Unless otherwise specified, all mileages in this part are stated as statute miles.

USING AGENCY CHANGED 4/25/96

SUBPART B – RESTRICTED AREAS

§ 73.11 Applicability.

This subpart designates restricted areas and prescribes limitations on the operation of aircraft within them.

§ 73.13 Restrictions.

No person may operate an aircraft within a restricted area between the designated altitudes and during the time of designation, unless he has the advance permission of:

a. The using agency described in 573.15; or

b. The controlling agency described in 573.17.

§ 73.15 Using agency.

a. For the purposes of this subpart, the following are using agencies:

1. The agency, organization, or military command whose activity within a restricted area necessitated the area being so designated.

2. [Reserved]

b. Upon the request of the FAA, the using agency shall execute a letter establishing procedures for joint use of a restricted area by the using agency and the controlling agency, under which the using agency would notify the controlling agency whenever the controlling agency may grant permission for transit through the restricted area in accordance with the terms of the letter.

c. The using agency shall:

1. Schedule activities within the restricted area;

2. Authorize transit through, or flight within, the restricted area as feasible; and

3. Contain within the restricted area all activities conducted therein in accordance with the purpose for which it was designated.

§ 73.17 Controlling Agency.

For the purposes of this part, the controlling agency is the FAA facility that may authorize transit through or flight within a restricted area in accordance with a joint-use letter issued under

§ 73.19 Reports by Using Agency.

a. Each using agency shall prepare a report on the use of each restricted area assigned thereto during any part of the preceding 12–month period ended September 30, and transmit it by the following January 31 of each year to the Manager, Air Traffic Division in the regional office of the Federal Aviation Administration having jurisdiction over the area in which the restricted area is located, with a copy to the Director, Office of Air Traffic System Management, Federal Aviation Administration, Washington, DC 2059 1.

b. In the report under this section the using agency shall:

1. State the name and number of the restricted area as published in this part, and the period covered by the report.

2. State the activities (including average daily number of operations if appropriate) conducted in the area, and any other pertinent information concerning current and future electronic monitoring devices.

3. State the number of hours daily, the days of the week, and the number of weeks during the year that the area was used.

4. For restricted areas having a joint-use designation, also state the number of hours daily, the days of the week, and the number of weeks during the year that the restricted area was released to the controlling agency for public use.

5. State the mean sea level altitudes or flight levels (whichever is appropriate) used in aircraft operations and the maximum and average ordinate of surface firing (expressed in feet, mean sea level altitude) used on a daily, weekly, and yearly basis.

6. Include a chart of the area (of optional scale and design) depicting, if used, aircraft operating areas, flight patterns, ordnance delivery areas, surface firing points, and target, fan, and impact areas. After once submitting an appropriate chart, subsequent annual charts are not required unless there is a change in the area activity or altitude (or flight levels) used, which might alter the depiction of the activities originally reported. If no change is to be submitted, a statement indicating "no change" shall be included in the report.

7. Include any other information not otherwise required under this part which is considered pertinent to activities carried on in the restricted area.

c. If it is determined that the information submitted under paragraph (b) of this section is not sufficient to evaluate the nature and extent of the use of a restricted area, the FAA may request the using agency to submit supplementary reports. Within 60 days after receiving a request for additional information, the using agency shall submit such information as the Director, Office of Air Traffic System Management considers appropriate. Supplementary reports must be sent to the FAA officials designated in paragraph (a) of this section.

AMENDMENTS 8/6/93 58 FR 42001 (Amended)

§ 73.21 Alabama

R-2101 Anniston Army Depot, AL
Boundaries. Beginning at lat. 33°41'20"N., long. 86°00'30"W.; to lat. 33°41'20"N., long. 85°59'00"W.; to lat. 33°40'30"N., long. 85°59'00"W.; to lat. 33°39'40"N., long. 85°59'50"W.; to lat. 33°39'40"N., long. 86°00'30"W.; to the point of beginning.
Designated Altitudes. Surface to 5,000 feet MSL.
Time of designation. From 0700 to 1800 CST, Monday-Friday.
Using agency. Commanding Officer, Anniston Army Depot.

R–2102A Fort McClellan, AL
Designated Altitudes. Surface to and including 8,000 feet MSL.
Time of designation. Intermittent, 0600-2200 local time, daily; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Atlanta ARTCC.
Using agency. Commanding Officer, Fort McClellan, AL.
AMENDMENTS 7/30/87 52 FR 21249 (Amen&d)

R–2102B Fort McClellan, AL
Boundaries. Beginning at lat. 33°45'00"N., long. 85°53'55"W.; to lat. 33°44'07"N., long. 85°53'36"W.; to lat. 33°44'07"N., long. 85°52'55"W.; to lat. 33°41'04"N., long. 85°52'55"W.; to lat. 33°40'15"N., long. 85°54'00"W.; to lat. 33°41'20"N., long. 85°55'30"W.; to lat. 33°41'20"N., long. 86°01'07"W.; to lat. 33°43'55"N., long. 86°01'07"W.; to lat. 33°44'11"N., long. 86°00'54"W.; to lat. 33°45'00"N., long. 86°00'45"W.; to lat. 33°45'20"N., long. 86°00'31"W.; to lat. 33°45'27"N., long. 86°00'16"W.; to lat. 33°45'27"N., long. 85°59'26"W.; to lat. 33°45'14"N., long. 85°59'26"W.; to lat. 33°45'14"N., long. 85°55'17"W.; to lat. 33°45'00"N., long. 85°55'17"W.; to the point of beginning.
Designated Altitudes. 8,000 feet MSL to and including 14,000 feet MSL.
Time of designation. Intermittent, 0600-2200 local time, daily; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Atlanta ARTCC.
Using agency. Commanding Officer, Fort McClellan, AL.
AMENDMENTS 7/30/87 52 FR 21249 (Amended)

R-2102C Fort McClellan, AL
Boundaries. Beginning at lat. 33°45'00"N., long. 85°53'55"W.; to lat. 33°44'07"N., long. 85°53'36"W.; to lat. 33°44'07"N., long. 85°52'55"W.; to lat. 33°41'04"N., long. 85°52'55"W.; to lat. 33°40'15"N., long. 85°54'00"W.; to lat. 33°41'20"N., long. 85°55'30"W.; to lat. 33°41'20"N., long. 86°01'07"W.; to lat. 33°43'55"N., long. 86°01'07"W.; to lat. 33°44'11"N., long. 86°00'54"W.; to lat. 33°45'00"N., long. 86°00'45"W.; to lat. 33°45'20"N., long. 86°00'31"W.; to lat. 33°45'27"N., long. 86°00'16"W.; to lat. 33°45'27"N., long. 85°59'26"W.; to lat. 33°45'14"N., long. 85°59'26"W.; to lat. 33°45'14"N., long. 85°55'17"W.; to lat. 33°45'00"N., long. 85°55'17"W.; to the point of beginning.
Designated Altitudes. 14,000 feet MSL to 24,000 feet MSL.
Time of designation. Intermittent, 0600-2200 local time, daily; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Atlanta ARTCC.
Using agency. Commanding Officer, Fort McClellan, AL.
AMENDMENTS 7/30/87 52 FR 21249 (Amended)

R-2103 Fort Rucker, AL
Boundaries. A circular area with a radius of 4 miles centered at lat. 31°26'56"N., long. 85°47'45"W.
Designated Altitudes. Surface to 15,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. Commanding General, U. S. Army Aviation Center, Fort Rucker, AL.

R–2104A Huntsville, AL
Boundaries. Beginning at lat. 34°38'40"N., long. 86°43'00"W.; to lat. 34°38'40"N., long. 86°41'00"W.; to lat. 34°38'00"N., long. 86°40'53"W.; to lat. 34°37'35"N., long. 86°37'40"W.; to lat. 34°37'00"N., long. 86°37'00"W.; to lat. 34°36'27"N., long. 86°36'38"W.; to lat. 34°34'50"N., long. 86°36'38"W.; thence west along the Tennessee River to lat. 34°35'02"N., long. 86°43'25"W.; to lat. 34°37'19"N., long. 86°43'20"W.; to lat. 34°37'19"N., long. 86°43'05"W.; thence to the point of beginning.
Designated Altitudes. Surface to FL 300.
Time of designation. Intermittent, 0600-2000 local time, Monday-Saturday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Memphis ARTCC.
Using agency. Commanding General, U. S. Army Missile Command, Redstone Arsenal, AL.
AMENDMENTS 2/7/91 55 FR 50675 (Amended)

R–2104B Huntsville, AL
Boundaries. Beginning at lat. 34°38'53"N., long. 86°37'40"W.; to lat. 34°37'55"N., long. 86°35'21"W.; to lat. 34°35'05"N., long. 86°35'24"W.; thence west along the Tennessee River to lat. 34°34'50"N., long. 86°36'38"W.; to lat. 34°36'27"N., long. 86°36'38"W.; to lat. 34°37'00"N., long. 86°37'00"W.; thence to the point of beginning.
Designated Altitudes. Surface to 2,400 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Memphis ARTCC.
Using agency. Commanding General, U. S. Army Missile Command, Redstone Arsenal, AL.
AMENDMENTS 2/7/91 55 FR 50675 (Amended)

R–2104C Huntsville, AL
Boundaries. Beginning at lat. 34°41'25"N., long. 86°42'57"W.; to lat. 34°42'00"N., long. 86°41'35"W.; to lat. 34°38'40"N., long. 86°41'00"W.; to lat. 34°38'40"N., long. 86°43'00"W., thence to the point of beginning.
Designated Altitudes. Surface to FL 300.
Time of designation. Intermittent, 0600-2000 local time, Monday-Saturday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Memphis ARTCC.
Using agency. Commanding General, U. S. Army Missile Command, Redstone Arsenal, AL.
AMENDMENTS 2/7/91 55 FR 50675 (Amended)

§ 73.22 Alaska

R-2202A Big Delta, AK
Boundaries. Beginning at lat. 64°03'34"N., long. 146°10'58"W.; to lat. 63°56'16"N., long. 145°49'38"W.; to lat. 63°54'19"N., long. 145°50'28"W.; to lat. 63°50'29"N., long. 145°50'08"W.; to lat. 63°42'59"N., long. 145°54'09"W.; to lat. 63°42'14"N., long. 146°13'34"W.; to lat. 63°43'59"N., long. 146°30'08"W.; to lat. 63°45'23"N., long. 146°11'38"W.; thence to the point of beginning.
Designated Altitudes. Surface to but not including 10,000 feet MSL.
Time of designation. 0700 to 1800 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Anchorage ARTCC.
Using agency. U.S. Army Cold Regions Test Center, Fort Greely, AK.

R-2202B Big Delta, AK
Boundaries. Beginning at lat. 64°14'44"N., long. 146°43'23"W.; to lat. 64°03'34"N., long. 146" 10'58"W.; to lat. 63°45'23"N., long. 146°11'38"W.; to lat. 63°43'59"N., long. 146°30'08"W.; to lat. 63°50'49"N., long. 146°47'38"W.; thence along the east bank of the East Fork and Little Delta Rivers to the point of beginning.
Designated Altitudes. Surface to but not including 10,000 feet MSL.
Time of designation. 0700-1800 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Anchorage ARTCC.
Using agency. U.S. Army Cold Regions Test Center, Fort Greely, AK.

R–2202C Big Delta, AK
Boundaries. Beginning at lat. 64° 14'44"N., long. 146°43'23"W.; to lat. 64°03'34"N., long. 146°10'58"W.; to lat. 63°56'16"N., long. 145°49'38"W.; to lat. 63°54'19"N., long. 145°50'28"W.; to lat. 63°50'29"N., long. 145°50'08"W.; to lat. 63°42'59"N., long. 145°54'09"W.; to lat. 63°42'14"N., long. 146°13'34"W.; to lat. 63°43'59"N., long. 146°30'08"W.; to lat. 63°50'49"N., long. 146°47'38"W.; thence along the east bank of the East Fork and Little Delta Rivers to the point of beginning.
Designated Altitudes. 10,000 feet MSL to unlimited.
Time of designation. Intermittent by NOTAM.
Controlling agency. FAA, Anchorage ARTCC.
Using agency. U.S. Army Cold Regions Test Center, Fort Greely, AK.

R-2203A Eagle River, AK
Boundaries. Beginning at lat. 61°21'58"N., long. 149°33'56"W.; thence southwesterly along the Alaska Railroad to lat. 61°17'58"N., long. 149°39'53"W.; to lat. 61°17'58"N., long. 149°44'08"W.; to lat. 61°17'13"N., long. 149°42'33"W.; to lat. 61°17'13"N., long. 149°36'23"W.; to the point of beginning.
Designated Altitudes. Surface to 11,000 feet MSL.
Time of designation. 0500–2400 Monday – Friday; other times by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Anchorage Approach Control.
Using agency. 172nd Infantry Brigade (AK), Fort Richardson, AK.
AMENDMENTS 5/5/88 53 FR 8175 (Amended)

R-2203B Eagle River, AK
Boundaries. Beginning at lat. 61°24'32"N., long. 149°33'56"W.; thence southwesterly along the shoreline to lat. 61°19'43"N., long. 149°44'08"W.; to lat. 61°17'58"N., long. 149°44'08"W.; to lat. 61°17'58"N., long. 149°39'53"W.; thence northeasterly along the Alaskan Railroad to lat. 61°21'58"N., long. 149°33'56"W; to the point of beginning.
Designated Altitudes. Surface to 11,000 feet MSL.
Time of designation. 0500–2400 Monday – Friday; other times by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Anchorage Approach Control.
Using agency. 172nd Infantry Brigade (AK), Fort Richardson, AK.
AMENDMENTS 5/5/88 53 FR 8175 (Amended)

R–2203C Eagle River, AK
Boundaries. Beginning at lat. 61°19'43"N., long. 149°44'08"W.; thence westerly along the shoreline to lat. 61°19'36"N., long. 149°46'44"W.; to lat. 61°19'10"N., long. 149°46'44"W.; to lat. 61°17'58"N., long. 149°44'08"W.; to the point of beginning.
Designated Altitudes. Surface to 5,000 feet MSL.
Time of designation. 0500–2400 Monday – Friday; other times by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Anchorage Approach Control.
Using agency. 172nd Infantry Brigade (AK), Fort Richardson, AK.
AMENDMENTS 5/5/88 53 FR 8175 (Amended)

R-2205 Yukon, AK

Boundaries. Beginning at lat. 64°45'29"N., long. 146° 47'29"W.; counterclockwise along the arc of a 25-mile radius circle centered at lat. 64°50'11 "N., long. 147°36'55"W.; to lat. 64°46'11"N., long. 146°46'49"W.; to lat. 64°46'09"N., long. 146°11'24"W.; to lat. 64°35'17"N., long. 146°11'24"W.; to lat. 64°33'23"N., long. 146° 18'39"W.; to lat. 64°33'24"N., long. 146°25'09"W.; to the point of beginning.

Designated Altitudes. Surface to 20,000 feet MSL.

Time of designation. 0700-1900, local time Monday-Friday; other times by NOTAM.

Controlling agency. FAA, Fairbanks Approach Control.

Using agency. 172nd Infantry Brigade (AK), Fort Richardson, AK.

AMENDMENTS 4/9/87 52 FR 4130 (Amended)

R-2206 Clear, AK

Boundaries. Beginning at lat. 64°19'44"N., long. 149°10'17"W.; to lat. 64°19'44"N., long. 149°15'42"W.; to lat. 64°16'17"N., long. 149°15'42"W.; to lat. 64°16'17"N., long. 149°10'14"W; thence north, 100 feet west of and parallel to the Alaska Railroad to the point of beginning.

Designated Altitudes. Surface to 8,800 feet MSL.

Time of designation. Continuous.

Using agency. Commander 13th Missile Warning Squadron, Clear, AK.

R-2211 Blair Lakes, AK

Boundaries. Beginning at lat. 64°29'58"N., long. 147°44'09"W.; to lat. 64°19'58"N., long. 147°19'09"W.; to lat. 64°13'28"N., long. 147°32'08"W.; to lat. 64°22'28"N., long. 147°58'09"W.; to the point of beginning.

Time of designation. 0800 to 1800, local time, Monday-Friday and at other times as activated by NOTAM issued by the using agency at least 24 hours in advance.

Designated Altitudes. Surface to 18,000 feet MSL.

Controlling agency. FAA, Fairbanks Approach Control.

Using agency. Alaskan Air Command.

§ 73.23 Arizona

R-2301E Ajo East, AZ

Boundaries. Beginning at lat. 32°50'25"N., long. 112°49'03"W.; thence to lat. 32°11'30"N., long. 112°56'48"W.; to lat. 32°11'30"N., long. 113°05'33"W.; to lat. 31°58'00"N., long. 113°05'33"W.; along the United States-Mexican border to the intersection of the United States-Mexican border and long. 113°30'33"W.; to lat. 32°44'15"N., long. 113°41'08"W.; to lat. 32°45'50"N., long. 113°34'33"W.; to the point of beginning.

Designated Altitudes. Surface to FL 800.

Time of designation. 0630-2230 local time, Monday to Friday; other times by NOTAM.

Controlling agency. FAA, Albuquerque ARTCC.

Using agency. U.S. Air Force, 58th Fighter Wing, Luke AFB, AZ.

AMENDMENTS 12/10/92 57 FR 46980 (Amended)

R-2301W Ajo West, AZ

Boundaries. Beginning at the intersection of the United States-Mexican Border and long. 113 °30'33"W.; thence along the United States-Mexican Border to lat. 32°23'45"N., long. 114°28'33"W.; to lat. 32°30'00"N., long. 114°28'33"W.; to lat. 32°30'00"N., long. 114°31'03"W.; to lat. 32°35'00"N., long. 114°31'03"W.; to lat. 32°35'00"N., long. 114°28'33"W.; to lat. 32°39'40"N., long. 114°28'33"W.; to lat. 32°40'45"N., long. 114° 18'32"W.; thence along the Southern Pacific Railroad and U.S. Highway to lat. 32°44'15"N., long. 113°41'08"W.; to the point of beginning; excluding that airspace below 3,000 feet MSL, N of a line beginning at lat. 32°40'45"N., long. 114° 18'32"W.; to lat. 32°37'40"N., long. 114°12'43"W.; to lat. 32°37'40"N., long. 114°09'03"W.; to lat. 32°42'30"N., long. 113°45'03"W.; to lat. 32°44'15"N., long. 113°41'08"W.

Designated Altitudes. Surface to FL 800.

Time of designation. Continuous.

Controlling agency. FAA, Los Angeles ARTCC.

Using agency. U.S. Air Force, 58th Fighter Wing, Luke AFB, AZ.

AMENDMENTS 12/10/92 57 FR 46980 (Amended)

R-2302 Flagstaff, AZ

Boundaries. A circular area with a 6,600-foot radius centered at lat. 35°10'20"N., long. 111°51'19"W.

Designated Altitudes. Surface to 10,000 feet MSL.

Time of designation. 0800 to 2400 MST, Monday-Saturday.

Controlling agency. FAA, Albuquerque ARTCC.

Using agency. U.S. Army, Commander, Navajo Ordnance Depot, Flagstaff, AZ.

AMENDMENTS 6123194 59 FR 19634 (Revised)

R-2303A Fort Huachuca, AZ

Boundaries. Beginning at lat. 31 °40'40"N., long. 110°11'02"W.; to lat. 31°34'00"N., long. 110°08'32"W.; to lat. 31°34'00"N., long. 110°22'02"W.; to lat. 31°33'00"N., long. 110°23'02"W.; to lat. 31°29'00"N., long. 110°23'02"W.; to lat. 31°29'00"N., long. 110°41'32"W.; to lat. 31°34'00"N., long. 110°43'32"W.; to lat. 31°38'30"N., long. 110°42'02"W.; to lat. 31°38'30"N., long. 110°39'32"W.; to lat. 31°41'00"N.,

long. 110°33'32"W.; to lat. 31°41'00"N., long. 110°12'02"W.; to the point of beginning.

Designated Altitudes. Surface to 15,000 feet MSL, excluding the airspace from the surface to 7,000 feet MSL within a 3–nautical–mile radius of the Fort Huachuca/Libby AAF/Sierra Vista Municipal Airport, AZ, and excluding the airspace from the surface to 7,000 feet MSL within l-nautical-mile either side of U. S. Highway 90.

Time of designation. Monday-Friday, 0700–1 600 local time; other times by NOTAM at least 24 hours in advance.

Controlling agency. FAA, Albuquerque ARTCC.

Using agency. U.S. Army Intelligence Center, Fort Huachuca, AZ.

AMENDMENTS 9/14/95 60 FR 37329 (Revised)

R-2303B Fort Huachuca, AZ

Boundaries. Beginning at lat. 31°45'00"N., long. 110°20'02"W.; to lat. 31°41'00"N., long. 110" 12'02"W.; to lat. 31°40'40"N., long. 110°11'02"W.; to lat. 31°34'00"N., long. 110°08'32"W.; to lat. 31°34'00"N., long. 110°22'02"W.; to lat. 31°33'00"N., long. 110°23'02"W.; to lat. 31°29'00"N., long. 110°23'02"W.; to lat. 31°29'00"N., long. 110°25'02"W.; to lat. 31°24'00"N., long. 110°25'02"W.; to lat. 31°24'00"N., long. 110°45'02"W.; to lat. 31°45'00"N., long. 110°45'52"W.; to the point of beginning.

Designated Altitudes. 89000 feet MSL to FL 300, excluding that airspace within R-2303A when activated.

Time of designation. Monday-Friday, 0700–1600 local time; other times by NOTAM at least 24 hours in advance.

Controlling agency. FAA, Albuquerque ARTCC.

Using agency. U.S. Army Intelligence Center, Fort Huachuca, AZ.

AMENDMENTS 9/14/95 60 FR 37329 (Revised)

R–2303C Fort Huachuca, AZ

Boundaries. Beginning at lat. 31°35'00"N., long. 110°00'02"W.; to lat. 31°24'00"N., long. 110°00'02"W.; to lat. 31°24'00"N., long. 110°25'02"W.; to lat. 31°29'00"N., long. 110°25'02"W.; to lat. 31°29'00"N., long. 110°23'02"W.; to lat. 31°33'00"N., long. 110°23'02"W.; to lat. 31°34'00"N., long. 110°22'02"W.; to lat. 31°34'00"N., long. 110°08'32"W.; to lat. 31°40'40"N., long. 110°11'02"W.; to the point of beginning.

Designated Altitudes. 15,000 feet MSL to FL 300.

Time of designation. Intermittent by NOTAM at least 24 hours in advance.

Controlling agency. FAA, Albuquerque ARTCC.

Using agency. U.S. Army Intelligence Center, Fort Huachuca, AZ.

AMENDMENTS 9/14/95 60 FR 37329 (Added)

R-2304 Gila Bend, AZ

Boundaries. Beginning at lat. 32°38'30"N., long. 112°18'03"W.; to lat. 32°26'40"N., long. 112°18'03"W.; to lat. 32°26'40"N., long. 112°43'33"W.; to lat. 32°49'00"N., long. 112°39'03"W.; to the point of beginning.

Designated Altitudes. Surface to FL 240.

Time of designation. 0700–2200 local time, other times by NOTAM.

Controlling agency. FAA, Albuquerque Center.

Using agency. U.S. Air Force, 58th Fighter Wing, Luke AFB, AZ.

AMENDMENTS 12/10/92 57 FR 46980 (Amended)

R-2305 Gila Bend, AZ

Boundaries. Beginning at lat. 32°50'25"N., long. 112°49'03"W.; to lat. 32°50'52"N., long. 112°42'56"W.; to lat. 32°49'00"N., long. 112°39'03"W.; to lat. 32°29'00"N., long. 112°43'03"W.; to lat. 32°29'00"N., long. 112°53'33"W.; to the point of beginning.

Designated Altitudes. Surface to FL 240.

Time of designation. 0700–2300 local time, other times by NOTAM.

Controlling agency. FAA, Albuquerque Center.

Using agency. U.S. Air Force, 58th Fighter Wing, Luke AFB, AZ.

AMENDMENTS 12/10/92 57 FR 46980 (Amended)

R-2306A Yuma West, AZ

Boundaries. Beginning at lat. 33°00'00"N., long. 114°30'03"W.; to lat. 33°02'48"N., long. 114°30'03"W.; to lat. 33°02'48"N., long. 114°34'03"W.; to lat. 33°15'00"N., long. 114°34'40"W.; to lat. 33°15'00"N., long. 114°15'03"W.; thence south along Highway 95; to lat. 33°00'00"N., long. 114°17'03"W.; to the point of beginning.

Designated Altitudes. Surface to 80,000 feet MSL.

Time of designation. Continuous.

Controlling agency. FAA, Los Angeles ARTCC.

Using agency. U.S. Army, Commanding Officer, Yuma Proving Ground, Yuma, AZ.

AMENDMENTS 3/8/90 55 FR 610 (Amen&d)

Corr: 55 *FR 5981*

R–2306B Yuma West, AZ

Boundaries. Beginning at lat. 33°28'00"N., long. 114°28'03"W.; to lat. 33°28'00"N., long. 114°26'28"W.; to lat. 33°25'15"N., long. 114°13'03"W.; thence south along Highway 95 to lat. 33°15'00"N., long. 114°15'03"W.; to lat. 33°15'00"N., long. 114°30'03"W.;

to lat. 33°26'00"N., long. 114'30'03"W.; to the point of beginning.
Designated Altitudes. Surface to 80,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Commanding Officer, Yuma Proving Ground, Yuma, AZ.
AMENDMENTS 1 /1 4/88 52 FR 38752 (Amended)

R–2306C Yuma West, AZ
Boundaries. Beginning at lat. 33°15'00"N., long. 114°34'40"W.; to lat. 33°23'00"N., long. 114°34'40"W.; to lat. 33°26'00"N., long. 114°30'03"W.; to lat. 33° 15'00"N., long. 114°30'03"W.; to the point of beginning.
Designated Altitudes. Surface to 17,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Commanding Officer, Yuma Proving Ground, Yuma, AZ.

R-2306D Yuma North, AZ
Boundaries. Beginning at lat. 33°28'00"N., long. 114°26'28"W.; to lat. 33°28'00"N., long. 114" 13'03"W.; thence south along Highway 95 to lat. 33°25'15"N., long. 114°13'03"W.; to the point of beginning.
Designated Altitudes. Surface to FL 230.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC
Using agency. U.S. Army, Yuma Proving Grounds, Yuma, AZ.
AMENDMENTS 1 /1 4/88 52 FR 38752 (Added)

R-2306E Yuma West, AZ
Boundaries. Beginning at lat. 33°00'00"N., long. 114°30'03"W.; to lat. 33°00'00"N., long. 114" 17'03"W.; thence south along Highway 95; to lat. 32°52'30"N., long. 114°21'03"W.; to lat. 32°51'45"N., long. 114°27'53"W.; thence north along the west bank of the Colorado River to the point of beginning.
Designated Altitudes. Surface to 80,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Army, Commanding Officer, Yuma Proving Ground, Yuma, AZ.
AMENDMENTS 3/8/90 55 FR 610 (Added)
Con-: 55 *FR 5981*

R-2307 Yuma, AZ
Boundaries. Beginning at lat. 33°00'00"N., long. 114°17'03"W.; to lat. 33°00'00"N., long. 114°11'03"W.; to lat. 33°02'00"N., long. 113°56'33"W.; to lat. 33°02'00"N., long. 113°37'23"W.; to lat. 32°58'00"N., long. 113°37'23"W.; to lat. 32°52'50"N., long. 113°50'13"W.; to lat. 32°52'00"N., long. 114°00'03"W.; to lat. 32°51'15"N., long. 114°21'03"W.; to lat. 32°52'30"N., long. 114°21'03"W.; thence north along Highway 95 to the point of beginning, excluding R-2309.
Designated Altitudes. Unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Commanding Officer, Yuma Proving Ground, Yuma, AZ.
AMENDMENTS 3/8/90 55 FR 610 (Amended)

R-2308A Yuma East, AZ
Boundaries. Beginning at lat. 33°25'15"N., long. 114°13'03"W.; to lat. 33°20'11"N., long. 113°47'45"W.; to lat. 33°17'30"N., long. 113°39'07"W.; to lat. 33°17'30"N., long. 113°45'03"W.; to lat. 33°02'00"N., long. 113°45'03"W.; to lat. 33°02'00"N., long. 113°56'33"W.; to lat. 33°00'00"N., long. 114°11'03"W.; to lat. 33°00'00"N., long. 114°17'03"W.; thence north along Highway 95 to the point of beginning, excluding R-2309.
Designated Altitudes. 1,500 feet AGL to 80,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Commanding Officer, Yuma Proving Ground, Yuma, AZ.
AMENDMENTS 3/8/90 55 FR 610 (Amended)

R–2308B Yuma East, AZ
Boundaries. Beginning at lat. 33 °02'00"N., long. 113°45'03"W.; to lat. 33°17'30"N., long. 113°45'03"W.; to lat. 33°17'30"N., long. 113°39'07"W.; to lat. 33°02'00"N., long. 113°39'07"W.; to the point of beginning.
Designated Altitudes. Surface to 80,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Commanding Officer, Yuma Proving Ground, Yuma, AZ.

R–2308C Yuma North, AZ
Boundaries. Beginning at lat. 33°28'00"N., long. 114°13'03"W.; to lat. 33°20'11"N., long. 113°47'45"W.; to lat. 33°25'15"N., long. 114°13'03"W.; thence north along Highway 95 to the point of beginning.
Designated Altitudes. 1,500 feet AGL to FL 230.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC
Using agency. U.S. Army, Yuma Proving Grounds, Yuma, AZ
AMENDMENTS 1 /1 4/88 52 FR 38752 (Added)

R-2309 Yuma, AZ
Boundaries. A circular area 1 1/2 nautical miles in a radius centered at lat. 33°00'58"N., long. 114" 14'34"W.
Designated Altitudes. Surface to 15,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Air Force, Western Air Defense Sector/DOS, McChord AFB, WA.
AMENDMENTS 3/30/95 60 FR 3742 (Amended)

R-2310A Florence, AZ
Boundaries. Beginning at lat. 33°14'07"N., long. 111° 17'46"W.; to lat. 33°14'07"N., long. 111° 14'54"W.; to lat. 33°04'45"N., long. 111" 19'32"W.; to lat. 33°03'40"N., long. 111°22'42"W.; to lat. 33°09'41"N., long. 111°21'17"W.; to the point of beginning.
Designated Altitudes. Surface to 10,000 feet MSL.
Time of designation. Intermittent by NOTAM at least 48 hours in advance.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Arizona Army National Guard.

R-2310B Florence, AZ
Boundaries. Beginning at lat. 33°12'20"N., long. 111°19'11"W.; to lat. 33°12'20"N., long. 111°15'47"W.; to lat. 33°06'42"N., long. 111° 18'34"W.; to lat. 33°06'42"N., long. 111°21'59"W.; to lat. 33°09'41"N., long. 111°21'17"W.; to the point of beginning.
Designated Altitudes. 10,000 feet MSL to 17,000 feet MSL.
Time of designation. Intermittent by NOTAM at least 48 hours in advance.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Arizona Army National Guard.

R-2310C Florence, AZ
Boundaries. Beginning at lat. 33°11'15"N., long. 111°20'02"W.; to lat. 33°11'15"N., long. 111°16'19"W.; to lat. 33°06'42"N., long. 111°18'34"W.; to lat. 33°06'42"N., long. 111°21'59"W.; to lat. 33°09'41"N., long. 111°21'17"W.; to the point of beginning.
Designated Altitudes. 17,000 feet MSL to 35,000 feet MSL.
Time of designation. Intermittent by NOTAM at least 48 hours in advance.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Arizona Army National Guard.

R-2312 Fort Huachuca, AZ
Boundaries. A 2-mile radius circle centered at lat. 31°29'07"N., long. 110°17'47"W.
Designated Altitudes. Surface to but not including 15,000 feet MSL.
Times of designation. Continuous.
Controlling agency. Libby AAF ATCT.
Using agency. U.S. Air Force, Western Air Defense Sector/DOS, McChord AFB, WA.
AMENDMENTS 3/30/95 60 FR 3742 (Amended)

§ 73.24 Arkansas

R-2401A Fort Chaffee, AR
Boundaries. Beginning at lat. 35° 18' 17"N., long. 94°12'01"W.; to lat. 35°17'45"N., long. 94°15'36"W.; to lat. 35°15'35"N., long. 94°18'01"W.; to lat. 35°13'50"N., long. 94° 15'01"W.; to lat. 35°13'50"N., long. 94°12'01 "W.; to the point of beginning.
Designated Altitudes. Surface to and including 30,000 feet MSL.
Time of designation. Sunrise to sunset, Monday through Sunday; other times by NOTAM.
Controlling agency. FAA, Memphis ARTCC.
Using agency. U. S. Army, Commanding General, Fort Chaffee, AR.
AMENDMENTS 1/11/90 54 FR 48083 (Added)

R-2401B Fort Chaffee, AR
Boundaries. Beginning at lat. 35°17'45"N., long. 94°15'36"W.; to lat. 35°17'37"N., long. 94°17'24"W.; to lat. 35°16'06"N., long. 94°19'04"W.; to lat. 35°15'35"N., long. 94° 18'01 "W.; to the point of beginning.
Designated Altitudes. Surface to and including 30,000 feet MSL.
Time of designation. Sunrise to sunset, Monday through Sunday; other times by NOTAM.
Controlling agency. FAA, Memphis ARTCC.
Using agency. U. S. Army, Commanding General, Fort Chaffee, AR.
AMENDMENTS I /1 I /90 54 FR 48083 (Added)

R-2402 Fort Chaffee, AR
Boundaries. Beginning at lat. 35° 18'09"N., long. 94°03'01"W.; to lat. 35°17'00"N., long. 94°03'01"W.; to lat. 35°17'00"N., long. 94'01'01 "W.; to lat. 35°10'20"N., long. 94°01'01"W.; thence west along Arkansas State Highway No. 10 to lat. 35°11'33"N., long. 94°12'01"W.; to lat. 35°13'50"N., long. 94°12'01"W.; to lat. 35°18'10"N., long. 94° 12'Ol"W.; to lat. 35°18'12"N., long. 94°09'52"W.; thence east along Arkansas State Highway No. 22 to the point of beginning.
Designated Altitudes. Surface to and including 30,000 feet MSL.
Time of designation. Sunrise to sunset, Monday through Sunday; other times by NOTAM.
Controlling agency. FAA, Memphis ARTCC.
Using agency. Commanding General, Fort Chaffee, AR.

AMENDMENTS 1 /11 /90 54 FR 48083 (Amended)

R–2403A Little Rock, AR
Boundaries. Beginning at lat. 34°57'00"N., long. 92°16'01"W.; to lat. 34°54'33"N., long. 92°16'01"W.; to lat. 34°54'33"N., long. 92°19'31"W.; to lat. 34°57'00"N., long. 92°19'31"W.; to the point of beginning.
Designated Altitudes. Surface to 16,000 feet MSL.
Time of designation. By NOTAM 24 hours in advance.
Controlling agency. FAA, Memphis ARTCC.
Using agency. Arkansas Army National Guard.
AMENDMENTS 2/2/95 59 FR 59134 (Amended)

R-2403B Little Rock, AR
Boundaries. Beginning at lat. 34°54'33"N., long. 92°15'01"W.; to lat. 34°51'45"N., long. 92°15'01"W.; to lat. 34°51'45"N., long. 92°19'31"W.; to lat. 34°54'33"N., long. 92° 19'3 1"W.; to the point of beginning.
Designated Altitudes. Surface to 16,000 feet MSL.
Time of designation. By NOTAM 24 hours in advance.
Controlling agency. FAA, Memphis ARTCC,
Using agency. Arkansas Army National Guard.
AMENDMENTS 2/2/95 59 FR 59134 (Amended)

§ 73.25 California

R–2501E Bullion Mountains East, CA
Boundaries. Beginning at lat. 34°34'40"N., long. 115°54'58"W.; to lat. 34°33'00"N., long. 115°47'03"W.; to lat. 34°25'00"N., long. 115°47'03"W.; to lat. 34°25'00"N., long. 115°44'03"W.; to lat. 34°14'00"N., long. 115°44'03"W.; to lat. 34°14'00"N., long. 115°57'03"W.; to lat. 34°20'09"N., long. 115°59'06"W.; to lat. 34°27'30"N., long. 116°04'16"W.; to lat. 34°29'40"N., long. 115°58'15"W.; to lat. 34°34'00"N., long. 115°58'03"W.; to the point of beginning.
Designated Altitudes. Unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Commanding General Marine Corps Base, Twentynine Palms, CA.

R-2501N Bullion Mountains North, CA
Boundaries. Beginning at lat. 34°30'00"N., long. 116°26'23"W.; to lat. 34°36'00"N., long. 116°28'03"W.; to lat. 34°40'30"N., long. 116°29'43"W.; to lat. 34°43'00"N., long. 116°26'23"W.; to lat. 34°43'00"N., long, 116°17'03"W.; to lat. 34°41'15"N., long. 116°04'33"W.; to lat. 34°41'00"N., long. 116°03'03"W.; to lat. 34°35'30"N., long. 115°58'03"W.; to lat. 34°34'40"N., long. 115°54'58"W.; to lat. 34°34'00"N., long. 115°58'03"W.; to lat. 34°29'40"N., long. 115°58'15"W.; to lat. 34°27'30"N., long. 116°04'16"W.; to lat. 34°28'13"N., long. 116°12'23"W.; to lat. 34°32'00"N., long. 116°17'37"W.; to the point of beginning.
Designated Altitudes. Unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Commanding General, Marine Corps Base, Twentynine Palms, CA.

R–2501S Bullion Mountains South, CA
Boundaries. Beginning at lat. 34°28'13"N., long. 116°12'23"W.; to lat. 34°27'30"N., long. 116°04'16"W.; to lat. 34°20'09"N., long. 115°59'06"W.; to lat. 34°14'00"N., long. 115°57'03"W.; to lat. 34°14'00"N., long. 116°17'03"W.; to lat. 34°19'30"N., long. 116°20'29"W.; to lat. 34°19'30"N., long. 116°15'50"W.; to lat. 34°24'54"N., long. 116°17'55"W.; to the point of beginning.
Designated Altitudes. Unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Commanding General, Marine Corps Base, Twentynine Palms, CA.

R-2501W Bullion Mountains West, CA
Boundaries. Beginning at lat. 34°30'00"N., long. 116°26'23"W.; to lat. 34°32'00"N., long. 116°17'37"W.; to lat. 34°28'13"N., long. 116°12'23"W.; to lat. 34°24'54"N., long. 116°17'55"W.; to lat. 34°19'30"N., long. 116°.15'5O"W.; to lat. 34° 19'30"N., long. 116°20'29"W.; to the point of beginning.
Designated Altitudes. Unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Commanding General, Marine Corps Base, Twentynine Palms, CA.

R-2502E Fort Irwin, CA
Boundaries. Beginning at lat. 35°28'35"N., long. 116°18'48"W.; to lat. 35°18'45"N., long. 116°18'48"W.; to lat. 35°07'00"N., long. 116°34'03"W.; to lat. 35°07'00"N., long, 116°47'48"W.; to lat. 35°08'50"N., long. 116°48'43"W.; to lat. 35°10'25"N., long. 116°42'18"W.; to the point of beginning.
Designated Altitudes. Unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Hi-Desert TRACON, Edwards, CA.
Using agency. Commander, Fort Irwin, CA.
AMENDMENTS 7/22/93 58 FR 27652 (Amended)

R–2502N Fort Irwin, CA
Boundaries. Beginning at lat. 35°37'45"N., long. 116°29'43"W.; to lat. 35°34'30"N., long. 116°29'43"W.; to lat. 35°34'30"N., long. 116°23'33"W.; to lat.

35°28'35"N., long. 116°18'48"W.; to lat. 35°10'25"N., long. 116°42'18"W.; to lat. 35°08'50"N., long. 116°48'43"W.; to lat. 35°10'00"N., long. 116°49'03"W.; to lat. 35°19'00"N., long. 116°49'03"W.; to lat. 35°19'00"N., long. 116°55'23"W.; to lat. 35°37'45"N., long. 116°55'23"W.; to the point of beginning.

Designated Altitudes. Unlimited.

Time of designation. Continuous.

Controlling agency. FAA, Hi-Desert TRACON, Edwards, CA

Using agency. Commander, Fort Irwin, CA.

AMENDMENTS 7/22/93 58 FR 27652 (Amen&d)

R-2503A Camp Pendleton, CA

Boundaries. Beginning at lat. 33°22'42"N., long. 117°36'45"W.; to lat. 33°27'13"N., long. 117°34'17"W.; to lat. 33°18'41"N., long. 117°23'58"W.; to lat. 33°17'30"N., long. 117°16'43"W.; to lat. 33°14'09"N., long. 117°26'38"W.; to the point of beginning by following a line 1 NM from and parallel to the shoreline.

Designated Altitudes. Surface to 2,000 feet MSL.

Time of designation. 0600–2400 local time daily; other times by NOTAM.

Controlling agency. FAA, Los Angeles ARTCC.

Using agency. U.S. Marine Corps, Commanding General, MCB Camp Pendleton, CA.

AMENDMENTS 10/13/94 59 FR 46169 (Added)

R–2503B Camp Pendleton, CA

Boundaries. Beginning at lat. 33 °24'23 "N., long. 117°15'18"W.; to lat. 33°18'00"N., long. 117°16'11"W.; to lat. 33°17'30"N., long. 117°16'43"W.; to lat. 33°18'41"N., long. 117°23'58"W.; to lat. 33°27'13"N., long. 117°34'17"W.; to lat. 33°30'13"N., long. 117°29'16"W.; to the point of beginning.

Designated Altitudes. Surface to 15,000 feet MSL.

Time of designation. 0600–2400 local time daily; other times by NOTAM.

Controlling agency. FAA, Los Angeles ARTCC.

Using agency. U.S. Marine Corps, Commanding General, MCB Camp Pendleton, CA.

AMENDMENTS 10/13/94 59 FR 46169 (Added)

R–2503C Camp Pendleton, CA

Boundaries. Beginning at lat. 33°24'23"N., long. 117°15'18"W.; to lat. 33°18'41"N., long. 117°23'58"W.; to lat. 33°27'13"N., long. 117°34'17"W.; to lat. 33°30'13"N., long. 117°29'16"W.; to the point of beginning.

Designated Altitudes. 15,000 feet MSL to FL 270.

Time of designation. Intermittent by NOTAM at least 24 hours in advance, and with the concurrence of the controlling agency, not to exceed 40 hours annually.

Controlling agency. FAA, Los Angeles ARTCC.

Using agency. U.S. Marine Corps, Commanding General, MCB Camp Pendleton, CA.

AMENDMENTS 10/13/94 59 FR 46169 (Added)

R-2504 Camp Roberts, CA

Boundaries. Beginning at lat. 35°42'18"N., long. 120°47'59"W.; to lat. 35°42'18"N., long. 120°47'24"W.; to lat. 35°42'58"N., long. 120°45'37"W.; to lat. 35°46'38"N., long. 120°44'42"W.; to lat. 35°47'18"N., long. 120°44'49"W.; to lat. 35°47'54"N., long. 120°45'53"W.; to lat. 35°49'10"N., long. 120°45'44"W.; to lat. 35°51'00"N., long. 120°46'29"W.; to lat. 35°51'11"N., long. 120°47'59"W.; to lat. 35°48'50"N., long. 120°50'02"W.; to lat. 35°46'00"N., long. 120°49'59"W.; to lat. 35°44'03"N., long. 120°48'12"W.; to lat. 35°43'08"N., long. 120°49'04"W.; to lat. 35°42'44"N., long. 120°48'52"W.; to the point of beginning.

Designated Altitudes. Surface to 15,000 feet MSL.

Time of designation. 0600 to 2400 PST, daily.

Controlling agency. FAA, Oakland ARTCC.

Using agency. Commander, Camp Roberts, CA.

R-2505 China Lake, CA

Boundaries. Beginning at lat. 36° 14'00"N., long. 117°53'03"W.; to lat. 36°14'00"N., long. 117°25'03"W.; to lat. 35°40'30"N., long. 117°25'03"W.; to lat. 35°37'30"N., long. 117°35'33"W.; to lat. 35°37'30"N., long. 117°47'33"W.; to lat. 35°54'00"N., long. 117°53'03"W.; to the point of beginning.

Designated Altitudes. Unlimited.

Time of designation. Continuous.

Controlling agency. FAA, Hi-Desert TRACON, Edwards, CA

Using agency. U.S. Navy, Naval Air Warfare Center Weapons Division, China Lake, CA.

AMENDMENTS 7/22/93 58 FR 27652 (Amended)

R-2506 China Lake South, CA

Boundaries. Beginning at lat. 35°37'30"N., long. 117°41'23"W.; to lat. 35°28'00"N., long. 117°40'53"W.; to lat. 35°28'00"N., long. 117°47'03"W.; to lat. 35°37'30"N., long. 117°47'33"W.; to the point of beginning.

Designated Altitudes. Surface to 6,000 feet MSL.

Time of designation. Sunrise to sunset, Monday-Friday.

Controlling agency. FAA, Hi-Desert TRACON, Edwards, CA.

Using agency. U.S. Navy, Naval Air Warfare Center Weapons Division, China Lake, CA.
AMENDMENTS 7/22/93 58 FR 27652 (Amen&d)

R-2507N North Chocolate Mountains, CA
Boundaries. Beginning at lat. 33°32'40"N., long. 115°33'53"W.; to lat. 33°31'30"N., long. 115°32'03"W.; to lat. 33°31'15"N., long. 115°26'48"W.; to lat. 33°29'00"N., long. 115°20'03"W.; to lat. 33°25'50"N., long. 115°14'33"W.; to lat. 33°24'15"N., long. 115°17'03"W.; to lat. 33°23'00"N., long. 115° 14'33"W.; to lat. 33°14'00"N., long. 115°22'33"W.; to lat. 33°21'30"N., long. 115°32'58"W.; to lat. 33°23'40"N., long. 115°33'23"W.; to lat. 33°28'30"N., long. 115°42'13"W.; to the point of beginning.
Designated Altitudes. Surface to FL 400.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Commanding Officer, U. S. Marine Corps Air Station, Yuma, AZ.

R–2507S South Chocolate Mountains, CA
Boundaries. Beginning at lat. 33°23'00"N., long. 115°14'33"W.; to lat. 33°21'40"N., long. 115°12'03"W.; to lat. 33°22'50"N., long. 115°10'01"W.; to lat. 33°08'45"N., long. 114°56'43"W.; to lat. 33°01'00"N., long. 1 15°06'03"W.; to lat. 33°14'00"N., long. 115°22'33"W.; thence to the point of beginning.
Designated Altitudes. Surface to FL 400.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Commanding Officer, U. S. Marine Corps Air Station, Yuma, AZ.

R-2508 Complex, CA
Boundaries. Beginning at lat. 37°12'00"N., long. 117°20'03"W.; to lat. 35°34'00"N., long. 116°23'03"W.; to lat. 35°28'35"N., long. 116°18'48"W.; to lat. 35°18'45"N., long. 116" 18'48"W.; to lat. 35°07'00"N., long. 116°34'03"W.; to lat. 35°07'00"N., long. 116°47'48"W.; to lat. 35°08'50"N., long. 116°48'43"W.; to lat. 35°06'30"N., long. 116°58'43"W.; to lat. 34°53'30"N., long. 117° 11'53%; to lat. 34°50'20"N., long. 117°32'03"W.; to lat. 34°48'30"N., long. 117°32'03"W.; to lat. 34°48'00"N., long. 117°35'03"W.; to lat. 34°48'00"N., long. 118°01'03"W.; to lat. 34°49'40"N., long. 118°05'48"W.; to lat. 34°51'30"N., long. 118°05'48"W.; to lat. 34°56'00"N., long. 118°21'03"W.; to lat. 35°15'00"N., long. 118°35'03"W.; to lat. 37°12'00"N., long. 118°35'03"W.; to the point of beginning.
Designated Altitudes. 20,000 feet MSL to unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Hi-Desert TRACON, Edwards, CA
Using agency. U.S. Navy, Naval Air Warfare Center Weapons Division, China Lake, CA.
AMENDMENTS 7/22/93 58 FR 27652 (Amended)

R-2510A El Centro, CA
Boundaries. Beginning at lat. 32°59'35"N., long. 115°43'33"W.; to lat. 32°55'35"N., long. 115°40'18"W.; to lat. 32°54'04"N., long. 115°40'18"W.; thence counterclockwise along a 4.3-mile radius circle centered at lat. 32°49'45"N., long. 115°40'18"W.; to lat. 32°50'05"N., long. 115°45'23"W.; to lat. 32°50'05"N., long. 115°55'03"W.; to lat. 32°55'50"N., long. 115°55'03"W.; to lat. 33°01'20"N., long. 116°02'18"W.; to lat. 33°06'35"N., long. 115°56'53"W.; to lat. 33°06'35"N., long. 115°51'15"W.; to the point of beginning.
Designated Altitudes. Surface to 15,000 feet MSL.
Time of designation. 0700-2300 local time daily; other times by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U. S. Navy, Commander, Fleet Area Control and Surveillance Facility, San Diego, CA.
AMENDMENTS 1/6/94 58 FR 59359 (Added)

R–2510B El Centro, CA
Boundaries. Beginning at lat. 32°55'35"N., long. 115°40'18"W.; to lat. 32°55'50"N., long. 115°55'03"W.; to lat. 33°01'20"N., long. 116°02'18"W.; to lat. 33°06'35"N., long. 115°56'53"W.; to lat. 33°06'35"N., long. 115°51'15"W.; to lat. 32°59'35"N., long. 115°43'33"W.; to the point of beginning.
Designated Altitudes. 15,000 feet MSL to FL 400.
Time of designation. By NOTAM 0700-2300 local time weekends, when activated at least 24 hours in advance.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U. S. Navy, Commander, Fleet Area Control and Surveillance Facility, San Diego, CA.
AMENDMENTS 1/6/94 58 FR 59359 (Added)

R-2512 Holtsville, CA
Boundaries. Beginning at lat. 33°05'00"N., long. 115°17'33"W.; to lat. 33°00'00"N., long. 115°13'33"W.; to lat. 32°51'00"N., long. 115°05'33"W.; to lat. 32°51'00"N., long. 115°17'03"W.; to lat. 32°58'00"N., long. 115°17'33"W.; to lat. 33°05'00"N., long. 115° 20'03'' W.; to the point of beginning.
Designated Altitudes. Surface to 23,000 feet MSL.
Time of designation. 0600–2300 local time daily; other times by NOTAM 24 hours in advance.

Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, San Diego, CA.
AMENDMENTS 12/10/92 57 FR 46980 (Amen&d)

R-2513 Hunter-Liggett, CA
Boundaries. From lat. 36°03'43"N., long. 121°22'42"W.; to lat. 36°02'45"N., long. 121°17'49"W.; to lat. 35°59'18"N., long. 121° 13'34"W.; to lat. 35°56'45"N., long. 121°09'49"W.; to lat. 35°55'20"N., long. 121°05'49"W.; to lat. 35°48'17"N., long. 121 °10'57"W.; to lat. 35°51'02"N., long. 121°16'19"W.; to lat. 35°51'02"N., long. 121" 17'24"W.; to lat. 35°58'10"N., long. 121°23'44"W.; to lat. 35°58'10"N., long. 121°21'44"W.; to lat. 36°02'12"N., long. 121°24'44"W.; to the point of beginning.
Designated Altitudes. Surface to FL 240.
Time of designation. Continuous.
Controlling agency. FAA, Oakland ARTCC.
Using agency. Commanding General, Fort Ord, CA.

R-2515 Muroc Lake, CA
Boundaries. Beginning at lat. 35° 19'00"N., long. 116°49'03"W.; to lat. 35°10'00"N., long. 116°49'03"W.; to. lat. 35°08'50"N., long. 116°48'43"W.; to lat. 35°06'30"N., long. 116°58'43"W.; to lat. 34°53'30"N., long. 117°.11'53"W.; to lat. 34°50'20"N., long. 117°32'03"W.; to lat. 34°48'30"N., long. 117°32'03"W.; to lat. 34°48'00"N., long. 117°35'03"W.; to lat. 34°48'00"N., long. 118°01'03"W.; to lat. 34°49'40"N., long. 118°05'48"W.; to lat. 35°01'00"N., long. 118°05'48"W.; to lat. 35°27'40"N., long. 117°26'03"W.; to lat. 35°15'56"N., long. 117°26'03"W.; to lat. 35°15'56"N., long. 116°55'23"W.; to lat. 35°19'00"N., long. 116°55'23"W.; to the point of beginning.
Designated Altitudes. Unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Hi-Desert TRACON, Edwards, CA
Using agency. Commander, Air Force Flight Test Center, Edwards AFB, CA.
AMENDMENTS 7/22/93 58 FR 27652 (Amended)

R-2516 Vandenberg AFB, CA
Boundaries. Beginning at lat. 35°00'00"N., long. 120°42'04"W.; to lat. 34°54'00"N., long. 120°33'04"W.; to lat. 34°50'00"N., long. 120°32'04"W.; to lat. 34°46'00"N., long. 120°27'04"W.; to lat. 34°42'00"N., long. 120°30'04"W.; to lat. 34°38'35"N., long. 120°31'24"W.; to lat. 34°42'00"N., long. 120°34'34"W.; to lat. 34°42'00"N., long. 120°40'22"W.; thence 3 NM from and parallel to the shoreline to the point of beginning.
Designated Altitudes. Unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Air Force, Commander, 30th Space Wing (30 SPW/CC), Vandenberg AFB, CA.
AMENDMENTS 7/22/93 58 FR 29522 (Amen&d)

R-2517 Vandenberg AFB, CA
Boundaries. Beginning at lat. 34°42'00"N., long. 120°40'22"W.; to lat. 34°42'00"N., long. 120°34'34"W.; to lat. 34°38'35"N., long. 120°31'24"W.; to lat. 34°35'00"N., long. 120°32'04"W.; to lat. 34°25'00"N., long. 120°27'04"W.; to lat. 34°24'00"N., long. 120°30'04"W.; thence 3 NM from and parallel to the shoreline to the point of beginning.
Designated Altitudes. Unlimited.
Time of designation. Continuous.
Using agency. U.S. Air Force, Commander, 30th Space Wing (30 SPW/CC), Vandenberg AFB, CA.
AMENDMENTS 9/1 6/93 58 FR 39649 (Amended)

R-2519 Point Mugu, CA
Boundaries. Beginning at lat. 34°07' 15"N., long. 119°07'43"W.; to lat. 34°06'55"N., long. 119°06'03"W.; to lat. 34°04'15"N., long. 119°03'43"W.; to lat. 34°02'15"N., long. 119°04'23"W.; thence 3 nautical miles from and parallel to the shoreline to lat. 34°05'30"N., long. 119°13'03"W.; to lat. 34°05'55"N., long. 119" 11'18"W.; to lat. 34°07'08"N., long. 119°09'35"W.; to the point of beginning.
Designated Altitudes. Unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Navy, Commander, Naval Air Warfare Center Weapons Division, Point Mugu, CA
AMENDMENTS 11 /11 /93 58 FR 45051 (Amended)

R-2524 Trona, CA
Boundaries. Beginning at lat. 35°47'46"N., long. 116°55'23"W.; to lat. 35°15'56"N., long. 116°55'23"W.; to lat. 35°15'56"N., long. 117°26'03"W.; to lat. 35°36'00"N., long. 117°26'03"W.; to lat. 35°36'00"N., long. 117° 16'55"W.; to lat. 35°47'46"N., long. 117° 16'55"W.; to the point of beginning.
Designated Altitudes. Unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Hi-Desert TRACON, Edwards, CA.
Using agency. U.S. Navy, Naval Air Warfare Center Weapons Division, China Lake, CA.
AMENDMENTS 9/1 6/93 58 FR 39649 (Amended)

R-2530 Sierra Army Depot, CA
Boundaries. Beginning at lat. 40°18'21"N., long. 120°05'10"W.; to lat. 40°18'21"N., long. 120°02'55"W.; to lat. 40°16'06"N., long. 120°02'55"W.; to lat. 40°16'06"N., long. 120°05'10"W.; to the point of beginning.
Designated Altitudes. Surface to 8,600 feet MSL.
Time of designation. 0800 to 1800 PST, Monday-Friday; other times by NOTAM.
Using agency. Commanding Officer, Sierra Army Depot, Herlong, CA.

R-2531A Tracy, CA
Boundaries. Beginning at lat. 37°40'34"N., long. 121°33'46"W.; to lat. 37°40'45"N., long. 121°31'33"W.; to lat. 37°39'28"N., long. 121°30'32"W.; to lat. 37°38'50"N., long. 121°31'09"W.; to lat. 37°39'03"N., long. 121°34'07"W.; thence to the point of beginning.
Designated Altitudes. Surface to but not including 3,000 feet MSL.
Time of designation. 1000 to 2050 local time, Monday-Friday and occasionally on Saturday and Sunday when activated by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Oakland ARTCC.
Using agency. Department of Energy, San Francisco Operations Office, CA.
AMENDMENTS 6/4/87 52 FR 10560 (Amended)

R-2531B Tracy, CA
Boundaries. Beginning at lat. 37°40'34"N., long. 121°33'46"W.; to lat. 37°40'45"N., long. 121°31'33"W.; to lat. 37°39'28"N., long. 121°30'32"W.; to lat. 37°38'50"N., long. 121°31'09"W.; to lat. 37°39'03"N., long. 121°34'07"W.; thence to the point of beginning.
Designated Altitudes. 3,000 feet MSL to and including 4,000 feet MSL.
Time of designation. 1000 to 2050 local time, Monday-Friday and occasionally on Saturday and Sunday when activated by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Oakland ARTCC.
Using agency. Department of Energy, San Francisco Operations Office, CA.
AMENDMENTS 6/4/87 52 FR 10560 (Amended)

R-2534A Vandenberg AFB, CA
Boundaries. Beginning at lat. 34°38'35"N., long. 120°31'24"W.; to lat. 34°35'45"N., long. 120°28'14"W.; to lat. 34°36'20"N., long. 120°27'24"W.; to lat. 34°30'00"N., long. 120°15'34"W.; to lat. 34°25'10"N., long. 120° 15'34"W.; thence 3 miles from and parallel to the shoreline to lat. 34°24'40"N., long. 120°19'14"W.; to the point of beginning.
Designated Altitudes. 500 feet above the surface to unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. HQ, Space and Missile Test Center, (SAMTEC) ROSF, Vandenberg AFB, CA.
AMENDMENTS 7/22/93 58 FR 29522 (Amended)

R-2534B Vandenberg AFB, CA
Boundaries. Beginning at lat. 34°38'35"N., long. 120°31'24"W.; to lat. 34°24'40"N., long. 120°19'14"W.; to lat. 34°25'00"N., long. 120'27'04" W.; to lat. 34°35'00"N., long. 120°32'04"W.; to the point of beginning.
Designated Altitudes. 500 feet above the surface to unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. HQ, Space and Missile Test Center, (SAMTEC) ROSF, Vandenberg, AFB, CA.
AMENDMENTS 7/22/93 58 FR 29522 (Amended)

R-2535A San Nicolas Island, CA
Boundaries. Beginning at lat. 33°20'10"N., long. 119°31'13"W.; to lat. 33°18'18"N., long. 119°26'32"W.; to lat. 33°10'10"N., long. 119°31'13"W.; to lat. 33°12'00"N., long. 119°35'33"W.; to lat. 33°14'20"N., long. 119°37'43"W.; . to lat. 33°16'40"N., long. 119°38'13"W.; to lat. 33°19'10"N., long. 119°37'13"W.; to the point of beginning.
Designated Altitudes. Surface to 100,000 feet MSL.
Time of designation. 0600–2200 local time Monday-Friday; other times by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Navy, Commander, Naval Air Warfare Center Weapons Division, Point Mugu, CA
AMENDMENTS 11 I l l /93 58 FR 45051 (Amen&d)

R-2535B San Nicolas Island, CA
Boundaries. Beginning at lat. 33°18'18"N., long. 119°26'32"W.; to lat. 33°17'40"N., long. 119°24'53"W.; to lat. 33°13'50"N., long. 119°21'53"W.; to lat. 33°10'10"N., long. 119°24'23"W.; to lat. 33°10'10"N., long. 119°29'43"W.; to lat. 33°10'10"N., long. 119°31'13"W.; to the point of beginning.
Designated Altitudes. Surface to 100,000 feet MSL.
Time of designation. 0600–2200 local time Monday-Friday; other times by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Los Angeles ARTCC.

Using agency. U.S. Navy, Commander, Naval Air Warfare Center Weapons Division, Point Mugu, CA
AMENDMENTS 11 /1 1 /93 58 FR 45051 (Amended)

§ 73.26 Colorado

R-2601 Fort Carson, CO
Boundaries. Beginning at lat. 38°38'19"N., long. 104°52'02"W.; to lat. 38°42'40"N., long. 104°49'06"W.; to lat. 38°41'20"N., long. 104°47'02"W.; to lat. 38°40'15"N., long. 104°46'22"W.; to lat. 38°40'00"N., long. 104°45'42"W.; to lat. 38°32'06"N., long. 104°45'02"W.; to lat. 38°25'35"N., long. 104°45'02"W.; to lat. 38°25'35"N., long. 104°49'02"W.; to lat. 38°26'10"N., long. 104°49'02"W.; to lat. 38°26'08"N., long. 104°57'32"W.; to lat. 38°29'35"N., long. 104°57'32"W.; thence northeast along Colorado Highway 115, to the point of beginning. **Altitudes.** Surface to 35,000 feet MSL. 35,000 feet MSL to 60,000 feet MSL, by NOTAM issued 24 hours in advance.
Time of designation. Continuous.
Controlling agency. FAA, Denver ARTCC.
Using agency. Commanding General, Fort Carson, CO.

R-2602 Colorado Springs, CO
Boundaries. Beginning at lat. 38°48'35"N., long. 104°32'05"W.; to lat. 38°48'35"N., long. 104°30'59"W.; to lat. 38°47'43"N., long. 104°30'58"W.; to lat. 38°47'43"N., long. 104°32'04"W.; to the point of beginning.
Designated Altitudes. Surface to 1,000 feet AGL.
Time of designation. Continuous.
Controlling agency. FAA, Denver ARTCC.
Using agency. USAF, Air Force Space Command, 2nd Space Wing, Falcon Air Force Station, CO.
AMENDMENTS 8/25/88 53 FR 25323 (Added)

§ 73.27 Connecticut

§ 73.28 Delaware

§ 73.29 Florida

R-2901A Avon Park, FL
Boundaries. Beginning at lat. 27 ° 44'46"N., long. 81°25'19"W.; to lat. 27°44'46"N., long. 81°11'39"W.; to lat. 27°35'01"N., long. 81°08'59"W.; to lat. 27°32'31"N., long,. 81°07'29"W.; to lat. 27°29'01"N., long. 81°13'29"W.; to lat. 27°32'37"N., long. 81° 16'46"W.; to lat. 27°32'33"N., long. 81°21'39"W.; to lat. 27°42'01"N., long. 8 1 ° 25' 19"W.; to the point of beginning.
Designated Altitudes. Surface to and including 14,000 feet MSL.
Time of designation. Intermittent, 0600-2400 local time, Monday-Friday; 0800–1 800 local time, Saturday-Sunday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Miami ARTCC.
Using agency. Commander, MacDill AFB, FL.
AMENDMENTS 7/30/87 52 FR 21249 (Amended)

R-2901B Avon Park, FL
Boundaries. Beginning at lat. 27°44'46"N., long. 81°25'19"W.; to lat. 27°44'46"N., long. 81°11'39"W.; to lat. 27°35'01"N., long. 81°08'59"W.; to lat. 27°32'41"N., long. 81°12'19"W.; to lat. 27°32'33"N., long. 81°21'39"W.; to lat. 27°42'01"N., long. 81°25'19"W.; to the point of beginning.
Designated Altitudes. 14,000 feet MSL to and including FL 180.
Time of designation. Intermittent, 0600–2400 local time, Monday-Friday; 0800-l 800 local time, Saturday-Sunday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Miami ARTCC.
Using agency. Commander, MacDill AFB, FL.
AMENDMENTS 7/30/87 52 FR 21249 (Amended)

R–2901C Avon Park West, FL
Boundaries. Beginning at lat. 27" 44'46"N., long. 81°25'19"W.; to lat. 27°46'01"N., long. 81°25'19"W.; thence east along Florida State Routes 60 and 630 to lat. 27°48'31"N., long. 81 ° 13'59"W.; to lat. 27°44'46"N., long. 81 ° 13'59"W.; to the point of beginning.
Designated Altitudes. Surface to 14,000 feet MSL.
Time of designation. Intermittent, 0600–2400 local time, Monday-Friday; 0800-l 800 local time, Saturday-Sunday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Miami ARTCC.
Using agency. Commander, MacDill AFB, FL.
AMENDMENTS 7/30/87 52 FR 21249 (Amended)

R-2901D Avon Park, FL
Boundaries. Beginning at lat. 27°46'01"N., long. 81°25'19"W.; to lat. 27°50'01"N., long. 81°25'19"W.; to lat. 27°50'01"N., long. 81°13'59"W.; to lat. 27°48'31"N., long. 81 ° 13'59"W.; thence-west along Florida State Routes 60 and 630 to the point of beginning.
Designated Altitudes. 500 feet MSL to 4,000 feet MSL east of long. 8 1°21'00"W.; 1,000 feet AGL to 4,000 feet MSL west of long. 81°21'00"W.
Time of designation. Intermittent, 0600–2400 local time, Monday-Friday; 0800–1 800 local time, Saturday-Sunday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Miami ARTCC.
Using agency. Commander, MacDill AFB, FL.
AMENDMENTS 7/30/87 52 FR 21249 (Amended)

R-2901E Avon Park, FL
Boundaries. Beginning at lat. 27'50'01 "N., long. 81°25'19"W.; to lat. 27°55'01"N., long. 81°25'19"W.; to lat. 28°00'01"N., long. 81°20'59"W.; to lat. 28°00'01"N.,

long. 81 ° 13'59"W.; to lat. 27°50'01"N., long. 81°13'59"W.; to the point of beginning.
Designated Altitudes. 1,000 feet MSL to 4,000 feet MSL.
Time of designation. Intermittent, 0600-2403 local time, Monday-Friday; 0800–1 800 local time, Saturday-Sunday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Miami ARTCC.
Using agency. Commander, MacDill AFB, FL.
AMENDMENTS 7/30/87 52 FR 21249 (Amended)

R-2901F Avon Park, FL
Boundaries. Beginning at lat. 27°32'33"N., long. 81°21'39"W.; to lat. 27°32'37"N., long. 81°16'46"W.; to lat. 27°29'01"N., long. 81° 13'29"W.; to lat. 27°24'46"N., long. 81 ° 10'59"W.; to lat. 27°30'46"N., long. 81 ° 17'49"W.; to the point of beginning.
Designated Altitudes. 4,000 feet MSL to 5,000 feet MSL.
Time of designation. Intermittent, 0600-2400 local time, Monday-Friday; 0800–1 800 local time, Saturday-Sunday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Miami ARTCC.
Using agency. Commander, MacDill AFB, FL.
AMENDMENTS 7/30/87 52 FR 21249 (Amended)

R-2901G Avon Park, FL
Boundaries. Beginning at lat. 27°29'01"N., long. 81 ° 13'29"W.; to lat. 27°32'31"N., long. 81°07'29"W.; to lat. 27°29'31"N., long. 81°05'29"W.; to lat. 27°24'46"N., long. 81 °10'59"W.; to the point of beginning.
Designated Altitudes. Surface to 5,000 feet MSL.
Time of designation. Intermittent, 0600-2400 local time, Monday-Friday; 0800-l 800 local time, Saturday-Sunday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Miami ARTCC.
Using agency. Commander, MacDill AFB, FL.
AMENDMENTS 7/30/87 52 FR 21249 (Amen&d)

R-2901H Avon Park, FL
Boundaries. Beginning at lat. 27°24'46"N., long. 81°10'59"W.; to lat. 27°29'31"N., long. 81°05'29"W.; to lat. 27°21'01"N., long. 80°59'59"W.; to the point of beginning.
Designated Altitudes. 1,000 feet MSL to 4,000 feet MSL.
Time of designation. Intermittent, 0600-2400 local time, Monday-Friday; 0800-l 800 local time, Saturday-Sunday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Miami ARTCC.
Using agency. Commander, MacDill AFB, FL.
AMENDMENTS 7/30/87 52 FR 21249 (Amended)

R-29011 Avon Park, FL
Boundaries. Beginning at lat. 27°24'46"N., long. 81°10'59"W.; to lat. 27°21'01"N., long. 80°59'59"W.; to lat. 27°16'46"N., long. 81°05'59"W.; to the point of beginning.
Designated Altitudes. 1,500 feet MSL to 4,000 feet MSL.
Time of designation. Intermittent, 0600-2400 local time, Monday-Friday; 0800–1 800 local time, Saturday-Sunday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Miami ARTCC.
Using agency. Commander, MacDill AFB, FL.
AMENDMENTS 7/30/87 52 FR 21249 (Amended)

R-2903A Stevens Lake, FL
Boundaries. Beginning at lat. 29°58'06"N., long. 81°59'09"W.; to lat. 29°58'56"N., long. 81°59'32"W.; to lat. 29°58'56"N., long; 81°56'04"W.; to lat. 29°56'31"N., long. 81°52'59"W.; to lat. 29°55'32"N., long. 81°54'07"W.; thence clockwise along an arc of a circle 5 NM in radius centered at lat. 29°53'05"N., long. 81°59'08"W.; to lat. 29°48'27"N., long. 81°56'57"W.; to lat. 29°52'36"N., long. 82°01'39"W.; to lat. 29°53'46"N., long. 82°04'50"W.; thence clockwise along an arc of a circle 5 NM in radius centered at lat. 29°53'05"N., long. 81°59'08"W.; to the point of beginning.
Designated Altitudes. Surface to but not including 23,000 feet MSL.
Time of designation. Intermittent, 0700-1900 local time, Tuesday-Sunday; other times by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Army, Department of Military Affairs, State Arsenal, St. Augustine, FL.
AMENDMENTS 5/5/88 53 FR 8173 (Added)

R-2903B Stevens Lake, FL
Boundaries. Beginning at lat. 29°58'06"N., long. 81°59'09"W.; to lat. 29°58'56"N., long. 81°59'32"W.; to lat. 29°58'56"N., long. 81°56'04"W.; to lat. 29°56'31"N., long. 81°52'59"W.; to lat. 29°55'32"N., long. 81 °54'07"W.; thence clockwise along an arc of a circle 5 NM in radius centered at lat. 29°53'05"N., long. 81°59'08"W.; to lat. 29°48'27"N., long. 81°56'57"W.; to lat. 29°52'36"N., long. 82°01'39"W.; to lat. 29°53'46"N., long. 82°04'50"W.; thence clockwise along an arc of a circle 5 NM in radius centered at lat. 29°53'05"N., long. 8 1 °59'08"W.; to the point of beginning.
Designated Altitudes. 23,000 feet MSL to 32,000 feet MSL.
Time of designation. Intermittent, 2000-0500 local time, Saturday-Sunday, activated by NOTAM at least 24 hours in advance; not to exceed 24 days per year.
Controlling agency. FAA, Jacksonville ARTCC.

Using agency. U.S. Army, Department of Military Affairs, State Arsenal, St. Augustine, FL.
AMENDMENTS 5/5/88 53 FR 8173 (Revised)

R–2903C Stevens Lake, FL
Boundaries. Beginning at lat. 29°52'31"N., long. 81°53'25"W.; to lat. 29°51'14"N., long. 81°50'56"W.; to lat. 29°47'01"N., long. 81°53'54"W.; to lat. 29°48'27"N., long. 81°56'57"W.; thence counterclockwise along the arc of a circle 5 NM in radius centered at lat. 29°53'05"N., long. 81°59'08"W.; to the point of beginning.
Designated Altitudes. Surface to 7,000 feet MSL.
Time of designation. Intermittent, 0700-1900 local time, Tuesday-Sunday; other times by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Jacksonville TRACON.
Using agency. U.S. Army, Department of Military Affairs, State Arsenal, St. Augustine, FL.
AMENDMENTS 5/5/88 53 FR 8173 (Added)

R-2903D Stevens Lake, FL
Boundaries. Beginning at lat. 29°51'14"N., long. 81°50'56"W.; to lat. 29°48'51"N., long. 81°46'09"W.; to lat. 29°44'51"N., long. 81°49'04"W.; to lat. 29°47'01"N., long. 81°53'54"W.; to the point of beginning.
Designated Altitudes. Surface to 5,000 feet MSL.
Time of designation. Intermittent, 0700-1900 local time, Tuesday-Sunday; other times by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Jacksonville TRACON.
Using agency. U.S. Army, Department of Military Affairs, State Arsenal, St. Augustine, FL.
AMENDMENTS 5/5/88 53 FR 8173 (Added)

R-2904A Starke, FL
Boundaries. Beginning at lat. 30°03'31"N., long. 81°55'39"W.; to lat. 29°58'56"N., long. 81°55'39"W.; to lat. 29°58'56"N., long. 82°02'45"W.; to lat. 30°03'31"N., long. 82°02'45"W.; to the point of beginning.
Designated Altitudes. Surface to but not including 1,800 feet MSL.
Time of designation. April-August, daily 0800-1700 local time; September-March, Saturday-Sunday 0800–1700 local time; other times by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Jacksonville TRACON.
Using agency. U.S. Army, Department of Military Affairs, State Arsenal, St. Augustine, FL.
AMENDMENTS 5/5/88 53 FR 8173 (Added)

R-2905A Tyndall AFB, FL
Boundaries. Beginning at lat. 30°01'31"N., long. 85°32'30"W.; to lat. 30°01'16"N., long. 85°30'00"W.; to lat. 29°56'01"N., long. 85°33'00"W.; thence 3 nautical miles from and parallel to the shoreline to lat. 29'59'01 "N., long. 85°36'30"W.; to the point of beginning.
Designated Altitudes. Surface to 10,000 feet MSL.
Time of designation. Intermittent, as announced by NOTAM, for periods of approximately 10 minutes during launch or recovery.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. Air Defense Weapons Center, Tyndall AFB, FL.

R-2905B Tyndall AFB, FL
Boundaries. Beginning at lat. 30°01'16"N., long. 85°30'00"W.; to lat. 30°01'01"N., long. 85°27'00"W.; to lat. 29°54'01"N., long. 85°27'00"W.; thence 3 nautical miles from and parallel to the shoreline to lat. 29'56'01 "N., long. 85°33'00"W.; to the point of beginning.
Designated Altitudes. Surface to 10,000 feet MSL.
Time of designation. Intermittent, as announced by NOTAM, for periods of approximately 10 minutes during launch or recovery.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. Air Defense Weapons Center, Tyndall, AFB, FL.

R-2906 Rodman, FL
Boundaries. A circle with a 5-nautical-mile radius centered at lat. 29°29'01"N., long. 81'45'59" W.; excluding the area east of the east bank of the St Johns River.
Designated Altitudes. Surface to 14,000 feet MSL.
Time of designation. Intermittent, 0500-0100 local time, daily; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Jacksonville TRACON.
Using agency. Fleet Area Control and Surveillance Facility (FACSFAC JAX), NAS Jacksonville, FL.
AMENDMENTS 7/30/87 52 FR 21249 (Amended)

R-2907A Lake George, FL
Boundaries. Beginning at lat. 29'22'5 1 "N., long. 81°31'19"W.; to lat. 29°12'31"N., long. 81°29'59"W.; to lat. 29°12'31"N., long. 81°38'29"W.; to lat. 29°15'06"N., long. 81°39'59"W.; to lat. 29°20'31"N., long. 81°39'59"W.; to lat. 29°23'00"N., long. 81°39'59"W.; to lat. 29°23'00"N., long. 81°39'04"W.; thence via a 5-nautical-mile arc centered at lat. 29° 19' 12"N., long. 81 °35' 14"W.; to the point of beginning.
Designated Altitudes. Surface to FL 230.
Time of designation. Intermittent, 0500-0100 local time, daily; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Jacksonville ARTC Center.

Using agency. Jacksonville Operating Area Coordination Center (JOACC), NAS Jacksonville, FL.
AMENDMENTS 7/30/87 52 FR 21249 (Amended)

R-2907B Lake George, FL
Boundaries. Beginning at lat. 29°20'06"N., long. 81°39'59"W.; to lat. 29°15'06"N., long. 81°39'59"W.; to lat. 29°15'06"N., long. 81°51'49"W.; to lat. 29°20'06"N., long. 8 1 ° 5 1'49"W.; to the point of beginning.
Designated Altitudes. Surface to 9,000 feet MSL from a line of long. 81°39'59"W., to a line of long. 81°42'54"W.; surface to 6,000 feet MSL from a line of long. 8 1°42'54"W., to a line of long. 81°51'49"W.
Time of designation. Intermittent, 0500-0100 local time, daily; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. Fleet Area Control and Surveillance Facility (FACSFAC JAX), NAS Jacksonville, FL.
AMENDMENTS 7/30/87 52 FR 21249 (Amended)

R-2908 Pensacola, FL
Boundaries. Bounded on the N by the Alabama-Florida shoreline; on the E by a line extending from lat. 30°15'01"N., long. 87°41'00"W.; to lat. 30°11'21"N., long. 87°44' 15"W.; on the S by a line 3 nautical miles from and parallel to the Alabama-Florida shoreline; and on the W by long. 88°01'30"W.
Designated Altitudes. Surface to 12,000 feet MSL.
Time of designation. Intermittent, sunrise-sunset, daily; other times by NOTAM 24 hours in advance.
Controlling agency. FAA, Pensacola RATCF.
Using agency. Commander, Training Air Wing SIX, Naval Air Station, Pensacola, FL.
AMENDMENTS 7/30/87 52 FR 21249 (Amended)

R-2910 Pinecastle, FL
Boundaries. A circle within a 5-nautical-mile radius centered at lat. 29°06'53"N., long. 81°42'54"W.; with a northwest extension to the circle beginning at lat. 29°07'58"N., long. 81°48'29"W.; to lat. 29°10'01"N., long. 81°50'34"W.; to lat. 29°14'01"N., long. 81°45'49"W.; to lat. 29°11'51"N., long. 81°42'59"W.; and with a southeast extension to the circle beginning at lat. 29°10'14"N., long. 81°38'39"W.; to lat. 28°57'56"N., long. 81°28'24"W.; to lat. 28°53'39"N., long. 81°33'56"W.; to lat. 29°03'15"N., long. 81°46'50"W.
Designated Altitudes. Surface to FL 230 within the 5-nautical-mile radius. Surface to 9,000 feet MSL within the northwest extension. Surface to 9,000 feet MSL within the southeast extension from the circle to a line from lat. 29°04'26"N., long. 81°33'54"W.; to lat. 28°58'51"N., long. 81°40'29"W. Surface to 6,000 feet MSL within that portion of the southeast extension that lies southeast of a line from lat. 29°04'26"N., long. 81°33'54"W.; to lat. 28°58'51"N., long. 81°40'29"W.
Time of designation. Intermittent, 0500-0100 local time, daily; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. Fleet Area Control and Surveillance Facility (FACSFAC JAX), NAS Jacksonville, FL.
AMENDMENTS 7/30/87 52 FR 21249 (Amended)

R-2914A Valparaiso, FL
Boundaries. Beginning at lat. 30°43'22"N., long., 86°25'00"W.; to lat. 30°43'46"N., long. 86°10'30"W.; to lat. 30°41'01"N., long. 86°05'10"W.; to lat. 30°24'01"N., long. 85°56'00"W.; to lat. 30°19'16"N., long. 85°56'00"W.; to lat. 30°22'01"N., long. 86°08'00"W.; to lat. 30°23'21"N., long. 86°08'10"W.; to lat. 30°30'46"N., long. 86°25'00"W.; thence to the point of beginning.
Designated Altitudes. Surface to unlimited, excluding that airspace within R-2917,
Time of designation. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, Commander, Air Force Development Test Center (AFDTC), Eglin AFB, FL.
AMENDMENTS 4/4/91 56 FR 5154 (Amended)

R-2914B Valparaiso, FL
Boundaries. Beginning at lat. 30'22'01 "N., long. 86°08'00"W.; to lat. 30°19'16"N., long. 85°56'00"W.; to lat. 30° 11'01"N., long. 85°56'00"W.; thence 3 nautical miles from and parallel to the shoreline to lat. 30° 15'01 "N., long. 86°06'15"W.; to the point of beginning.
Designated Altitudes. 8,500 feet MSL to unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, Commander, Air Force Development Test Center (AFDTC), Eglin AFB, FL.
AMENDMENTS 4/4/91 56 FR 5154 (Amended)

R-2915A Eglin AFB, FL
Boundaries. Beginning at lat. 30°33'41"N., long. 86°55'00"W.; to lat. 30°38'46"N., long. 86°55'00"W.; thence along the L and N Railroad to lat. 30°42'46"N., long. 86°45'45"W.; to lat. 30°42'51"N., long. 86°38'02"W.; to lat. 30°29'02"N., long. 86°38'02"W.; to lat. 30°26'31"N., long. 86°51'30"W.; lat. 30°26'31"N., long. 86°52'20"W.; thence along the Navarre-Milton Highway to the point of beginning.
Designated Altitudes. Surface to unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.

Using agency. U.S. Air Force, Commander, Air Force Development Test Center (AFDTC), Eglin AFB, FL.
AMENDMENTS 4/4/91 56 FR 5154 (Amended)

R-2915B Eglin AFB, FL
Boundaries. Beginning at lat. 30°26'31"N., long. 86°51'30"W.; to lat. 30°29'02"N., long. 86°38'02"W.; to lat. 30°23'46"N., long. 86°38'15"W.; thence along the shoreline to lat. 30°22'47"N., long. 86°51'30"W.; to lat. 30°24'21"N., long. 86°48'00"W.; to the point of beginning.
Designated Altitudes. Surface to unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, Commander, Air Force Development Test Center (AFDTC), Eglin AFB, FL.
AMENDMENTS 4/4/91 56 FR 5154 (Amen&d)

R-2915C Eglin AFB, FL
Boundaries. Beginning at lat. 30°22'47"N., long. 86°51'30"W.; thence along the shoreline to lat. 30°23'46"N., long. 86°38'15"W.; to lat. 30°20'51"N., long. 86°38'50"W.; thence 3 nautical miles from and parallel to the shoreline to lat. 30° 19'31 "N., long. 86°51'30"W.; to the point of beginning.
Designated Altitudes. 8,500 feet MSL to unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, Commander, Air Force Development Test Center (AFDTC), Eglin AFB, FL.
AMENDMENTS 4/4/91 56 FR 5154 (Amen&d)

R-2916 Cudjoe Key, FL
Boundaries. A circular area 4 statute miles in diameter centered at lat. 24°42'03"N., long. 81°30'29"W.
Designated Altitudes. Surface to 14,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Miami ARTCC,
Using agency. USAF, Southeast Air Defense Sector/Director of Operations, Tyndall AFB, FL.
AMENDMENTS 4/4/91 56 FR 5928 (Amen&d)

R-2917 De Funiak Springs, FL
Boundaries. A circle with a 2.5–mile radius centered at lat. 30°32'55"N., long. 86° 12'52"W.
Designated Altitudes. Surface to but not including FL 230.
Time of designation. Continuous.
Controlling agency. Eglin Approach Control.
Using agency. U.S. Air Force, Commander, U.S. Space Command, Peterson AFB, CO.
AMENDMENTS 2/29/96 61 FR 00004 (Revised)

R-2918 Valparaiso, FL
Boundaries. Beginning at lat. 30°43' 18"N., long. 86°27'37"W.; to lat. 30°43'22"N., long. 86°25'00"W.; to lat. 30°33'01"N., long. 86°25'00"W.; to lat. 30°33'01"N., long. 86°25'30"W.; to lat. 30°37'01"N., long. 86°25'30"W.; to lat. 30°37'01"N., long. 86°27'37"W.; to the point of beginning.
Designated Altitudes. Surface to unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, Commander, Air Force Development Test Center (AFDTC), Eglin AFB, FL.
AMENDMENTS 4/4/91 56 FR 5154 (Amended)

R-2919A Valparaiso, FL
Boundaries. Beginning at lat. 30°30'46"N., long. 86°25'00"W.; to lat. 30°23'21"N., long. 86°08'10"W.; to lat. 30°22'01"N., long. 86°08'00"W.; to lat. 30°25'01"N., long. 86°22'26"W.; to lat. 30°25'01"N., long. 86°25'00"W.; to the point of beginning.
Designated Altitudes. Surface to unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, Commander, Air Force Development Test Center (AFDTC), Eglin AFB, FL.
AMENDMENTS 4/4/91 56 FR 5154 (Amended)

R-2919B Valparaiso, FL
Boundaries. Beginning at lat. 30'25'01 "N., long. 86°22'26"W.; to lat. 30°22'01"N., long. 86°08'00"W.; to lat. 30°15'01"N., long. 86°06'15"W.; thence 3 nautical miles from and parallel to the shoreline to lat. 30°19'46"N., long. 86°23'45"W.; to the point of beginning.
Designated Altitudes. 8,500 feet MSL to unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, Commander, Air Force Development Test Center (AFDTC), Eglin AFB, FL.
AMENDMENTS 4/4/91 56 FR 5154 (Amended)

R-2931 Cape Canaveral, FL
Boundaries. A 2–statute–mile radius circle centered at lat. 28°27'55"N., long. 80°32'06"W.
Designated Altitudes. Surface to 15,000 feet MSL.
Time of designation. By NOTAM 24 hours in advance.
Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Air Force, Eastern Space and Missile Center/RRS, Cape Canaveral AFS, FL.
AMENDMENTS 712519156 FR 26026 (Amended)

R-2932 Cape Canaveral, FL
Boundaries. Beginning at lat. 28° 39'21 "N., long. 80°42'39"W.; to lat. 28°41'41"N., long. 80°35'00"W.; thence 3 nautical miles from and parallel to the shoreline; to

lat. 28°25'01"N., long. 80°30'29"W.; to lat. 28°25'01"N., long. 80°37'59"W.; to lat. 28°34'01"N., long. 80°39'29"W.; to the point of beginning, excluding the area within a 2-statute-mile radius circle centered at lat. 28°27'55"N., long. 80°32'06"W.

Designated Altitudes. Surface to but not including 5,000 feet MSL.

Time of designation. Continuous.

Controlling agency. FAA, Miami ARTCC.

Using agency. U.S. Air Force, Eastern Space and Missile CenterlRRS, Cape Canaveral AFS, FL.

AMENDMENTS 712519156 FR 26026 (Amended)

R-2933 Cape Canaveral, FL

Boundaries. Beginning at lat. 28°39'21"N., long. 80°42'39"W.; to lat. 28°41'41"N., long. 80°34'59"W.; thence 3 nautical miles from and parallel to the shoreline; to lat. 28°25'01"N., long. 80°30'29"W.; to lat. 28°25'01"N., long. 80°37'59"W.; to lat. 28°34'01"N., long. 80°39'29"W.; to the point of beginning, excluding the area within a 2-statute-mile radius circle centered at lat. 28°27'55"N., long. 80°32'06"W.; from 5,000 feet MSL to and including 15,000 feet MSL.

Designated Altitudes. 5,000 feet MSL to unlimited.

Time of designation. Intermittent, activated by NOTAM normally 24 hours in advance.

Controlling agency. FAA, Miami ARTCC.

Using agency. U.S. Air Force, Eastern Space and Missile CenterlRRS, Cape Canaveral AFS, FL.

AMENDMENTS 712519156 FR 26026 (Amended)

R-2934 Cape Canaveral, FL

Boundaries. Beginning at lat. 28°49'11"N., long. 80°50'44"W.; to lat. 28°51'16"N., long. 80°47'14"W.; to lat. 28°51'16"N., long. 80°42'19"W.; thence 3 nautical miles from and parallel to the shoreline; to lat. 28°41'41"N., long. 80°34'59"W.; to lat. 28°39'21"N., long. 80°42'39"W.; to lat. 28°34'01"N., long. 80°39'29"W.; to lat. 28°25'01"N., long. 80°37'59"W.; to lat. 28°25'01"N., long. 80°41'44"W.; to lat. 28°31'21"N., long. 80°43'49"W.; to lat. 28°38'01"N., long. 80°47'01"W.; to the point of beginning, excluding that airspace below 1,200 feet AGL west of a line from lat. 28°31'21"N., long. 80°43'49"W.; to lat. 28°28'41"N., long. 80°40'29"W.; to lat. 28°25'01"N., long. 80°40'29"W.

Designated Altitudes. Surface to unlimited.

Time of designation. Intermittent, activated by NOTAM normally 24 hours in advance.

Controlling agency. FAA, Miami ARTCC.

Using agency. U.S. Air Force, Eastern Space and Missile CenterlRRS, Cape Canaveral AFS, FL.

AMENDMENTS 7/25/91 56 FR 26026 (Amended)

R-2935 Cape Canaveral, FL

Boundaries. Beginning at lat. 28'47'21 "N., long. 81°04'59"W.; to lat. 28°58'01"N., long. 80°46'59"W.; thence 3 nautical miles from and parallel to the shoreline; to lat. 28°51'16"N., long. 80°42'19"W.; to lat. 28°51'16"N., long. 80°47'14"W.; to lat. 28°49'11"N., long. 80°50'44"W.; to lat. 28°38'01"N., long. 80°47'01"W.; to lat. 28°31'21"N., long. 80°43'49"W.; to lat. 28°25'01"N., long. 80°41'44"W.; to lat. 28°25'01"N., long. 80°30'29"W.; thence 3 nautical miles from and parallel to the shoreline; to lat. 28°19'01"N., long. 80°33'29"W.; to lat. 28°19'01"N., long. 80°46'29"W.; to the point of beginning.

Designated Altitudes. 11,000 feet MSL to unlimited.

Time of designation. Intermittent, activated by NOTAM normally 24 hours in advance.

Controlling agency. FAA, Miami ARTCC.

Using agency. U.S. Air Force, Eastern Space and Missile Center/RRS, Cape Canaveral AFS, FL.

AMENDMENTS 712519156 FR 26026 (Amended)

R-2936 West Palm Beach, FL

Boundaries. That airspace within a l-nautical-mile radius centered at lat. 26°54'10"N., long. 80°22'55"W.

Designated Altitudes. Surface to and including 10,000 feet MSL.

Time of designation. Intermittent by NOTAM.

Controlling agency. FAA, Palm Beach ATCT.

Using agency. United Technologies, Pratt and Whitney Company, West Palm Beach, FL.

AMENDMENTS 5/3/90 55 FR 5981 (Added)

R-2938 Horseshoe Beach, FL

Boundaries. That airspace within a circular area with a 1.5–nautical–mile radius centered at lat. 29 ° 30'00"N., long. 83°16'16"W.

Designated Altitudes. Surface to and including 15,000 feet MSL.

Time of designation. Continuous.

Controlling agency. FAA, Jacksonville ARTCC.

Using agency. U.S. Air Force, Southeast Air Defense Sector/DO, Tyndall AFB, FL.

AMENDMENTS 9/16/93 58 FR 38287 (Amended)

§ 73.30 Georgia

R-3002A Fort Benning, GA

Boundaries. Beginning at lat. 32°3 1'47"N., long. 84°51'13"W.; to lat. 32°18'56"N., long. 84°41'45"W.; thence along the Central of Georgia Railroad to lat.. 32°20'55"N., long. 84°47'20"W.; to lat. 32" 15'26"N., long. 84°47'20"W.; to lat. 32°15'26"N., long. 84°53'10"W.; thence along the Chattahoochee River to lat.

32° 14'41"N., long. 84°55'30"W.; to lat. 32°14'41"N., long. 84°58'42"W.; to lat. 32°20'16"N., long. 84°58'42"W.; thence along the north side of Dixie Road to lat. 32°21'11"N., long. 84°56'45"W.; to lat. 32°22'31"N., long. 84°56'45"W.; thence along Upatoi Creek to lat. 32°24'01"N., long. 84°53'30"W.; to lat. 32°29'18"N., long. 84°52'32"W.; to lat. 32°29'18"N., long. 84°51'35"W.; to lat. 32°30'20"N., long. 84°51'35"W.; to lat. 32°30'20"N., long. 84°52'21"W.; to lat. 32°30'51"N., long. 84°52'15"W.; thence along the Central of Georgia Railroad to the point of beginning.

Designated Altitudes. Surface to 4,000 feet MSL.

Time of designation. Intermittent, 0600-0200 local time, daily; other times by NOTAM 6 hours in advance.

Controlling agency. FAA, ATC Tower, Columbus, GA.

Using agency. Commanding Officer, Fort Benning, GA.

AMENDMENTS 7/30/87 52 FR 21250 (Amended)

R-3002B Fort Benning, GA

Boundaries. Beginning at lat. 32°31'47"N., long. 84°51'13"W.; to lat. 32°18'56"N., long. 84°41'45"W.; thence along the Central of Georgia Railroad to lat. 32°20'55"N., long. 84°47'20"W.; to lat. 32° 15'26"N., long. 84°47'20"W.; to lat. 32° 15'26"N., long. 84°53'10"W.; thence along the Chattahoochee River to lat. 32° 14'41 "N., long. 84°55'30"W.; to lat. 32° 14'41 "N., long. 84°58'42"W.; to lat. 32°20'16"N., long. 84°58'42"W.; thence along the north side of Dixie Road to lat. 32°21'11"N., long. 84°56'45"W.; to lat. 32°22'31"N., long. 84°56'45"W.; thence along Upatoi Creek to lat. 32°24'01"N., long. 84°53'30"W.; to lat. 32°29'18"N., long. 84°52'32"W.; to lat. 32°29'18"N., long. 84°51'35"W.; to lat. 32°30'20"N., long. 84°51'35"W.; to lat. 32°30'20"N., long. 84°52'21"W.; to lat. 32°30'51"N., long. 84°52'15"W.; thence along the Central of Georgia Railroad to the point of beginning.

Designated Altitudes. 4,000 feet MSL to 8,000 feet MSL.

Time of designation. Intermittent, 0600-0200 local time, daily; other times by NOTAM 6 hours in advance.

Controlling agency. FAA, ATC Tower, Columbus, GA.

Using agency. Commanding Officer, Fort Benning, GA.

AMENDMENTS 7/30/87 52 FR 21250 (Amen&d)

R–3002C Fort Benning, GA

Boundaries. Beginning at lat. 32°31'47"N., long. 84°51'13"W.; to lat. 32°18'56"N., long. 84°41'45"W.; thence along the Central of Georgia Railroad to lat. 32°20'55"N., long. 84°47'20"W.; to lat. 32" 15'26"N., long. 84°47'20"W.; to lat. 32° 15'26"N., long. 84°53'10"W.; thence along the Chattahoochee River to lat. 32°14'41"N., long. 84°55'30"W.; to lat. 32°14'41"N., long. 84°58'42"W.; to lat. 32°20'16"N., long. 84°58'42"W.; thence along the north side of Dixie Road to lat. 32°21'11"N., long. 84°56'45"W.; to lat. 32°22'31"N., long. 84°56'45"W.; thence along Upatoi Creek to lat. 32°24'01"N., long. 84°53'30"W.; to lat. 32°29'18"N., long. 84°52'32"W.; to lat. 32°29'18"N., long. 84°51'35"W.; to lat. 32°30'20"N., long. 84°51'35"W.; to lat. 32°30'20"N., long. 84°52'21"W.; to lat. 32°30'51"N., long. 84°52' 15"W.; thence along the Central of Georgia Railroad to the point of beginning.

Designated Altitudes. 8,000 feet MSL to 14,000 feet MSL.

Time of designation. Intermittent by NOTAM 6 hours in advance.

Controlling agency. FAA, ATC Tower, Columbus, GA.

Using agency. Commanding Officer, Fort Benning, GA.

AMENDMENTS 7/30/87 52 FR 21250 (Amended)

R–3002D Fort Benning, GA

Boundaries. Beginning at lat. 32°3 1'47"N., long. 84°5 1' 13"W.; thence along the Central of Georgia Railroad to lat. 32°32'11"N., long. 84°40'40"W.; to lat. 32°3 1'21 "N., long. 84°40'20"W.; thence along Upatoi Creek to lat. 32°31'47"N., long. 84°39'25"W.; to lat. 32°18'31"N., long. 84°39'25"W.; to lat. 32°18'56"N., long. 84°41'45"W.; thence northwest to the point of beginning.

Designated Altitudes. Surface to 8,000 feet MSL.

Time of designation. Intermittent, 0600-0200 local time, daily; other times by NOTAM 6 hours in advance.

Controlling agency. FAA, ATC Tower, Columbus, GA.

Using agency. Commanding Officer, Fort Benning, GA.

AMENDMENTS 7/30/87 52 FR 21250 (Amended)

R-3002E Fort Benning, GA

Boundaries. Beginning at lat. 32°3 1'47"N., long. 84°5 1' 13"W.; thence along the Central of Georgia Railroad to lat. 32'32'1 l"N., long. 84°40'40"W.; to lat. 32°3 1'21 "N., long. 84" 40'20"W.; thence along Upatoi Creek to lat. 32°31'47"N., long. 84°39'25"W.; to lat. 32° 18'3 1 "N., long. 84°39'25"W.; to lat. 32°18'56"N., long. 84°41'45"W.; thence northwest to the point of beginning.

Designated Altitudes. 8,000 feet MSL to 14,000 feet MSL.

Time of designation. Intermittent by NOTAM 6 hours in advance.

Controlling agency. FAA, ATC Tower, Columbus, GA.

Using agency. Commanding Officer, Fort Benning, GA.

AMENDMENTS 7/30/87 52 FR 21250 (Amended)

R-3002F Fort Benning, GA

Boundaries. Beginning at lat. 32°3 1'47"N., long. 84°5 1' 13"W.; thence along the Central of Georgia Railroad to lat. 32°32'11"N., long. 84°40'40"W.; to lat. 32°3 1'21 "N., long. 84°40'20"W.; thence along Upatoi

Creek to lat. 32°31'47"N., long. 84°39'25"W.; to lat. 32°18'31"N., long. 84°39'25"W.; to lat. 32°18'56"N., long. 84°41'45"W.; thence along the Central of Georgia Railroad to lat. 32°20'55"N., long. 84°47'20"W.; to lat. 32°20'01"N., long. 84°47'20"W.; to lat. 32°27'01"N., long. 84°52'53"W.; to lat. 32°29'18"N., long. 84°52'32"W.; to lat. 32°29'18"N., long. 84°51'35"W.; to lat. 32°30'20"N., long. 84°51'35"W.; to lat. 32°30'20"N., long. 84°52'21"W.; to lat. 32°30'51"N., long. 84°52' 15"W.; thence along the Central of Georgia Railroad to the point of beginning.

Designated Altitudes. 14,000 feet MSL to FL 250.

Time of designation. Intermittent by NOTAM 6 hours in advance.

Controlling agency. FAA, Atlanta ARTCC.

Using agency. Commanding Officer, Fort Benning, GA.

AMENDMENTS 7/30/87 52 FR 21250 (Amended)

R-3004 Fort Gordon, GA

Boundaries. Beginning at lat. 33°21'54"N., long. 82°12'14"W.; to lat. 33°19'44"N., long. 82°12'14"W.; to lat. 33°16'21"N., long. 82°17'59"W.; to lat. 33°17'30"N., long. 82°22'59"W.; to lat. 33°21'16"N., long. 82°18'46"W.; to lat. 33°22'16"N., long. 82°16'59"W.; to the point of beginning.

Designated Altitudes. Surface to 16,000 feet MSL.

Time of designation. As published by NOTAM 24 hours in advance.

Controlling agency. FAA, Atlanta ARTCC.

Using agency. Commanding Officer, Fort Gordon, GA.Aircraft activity is limited to the following terms and conditions: 1. Aircraft activities may not be conducted on weekends, National holidays or the entire week of the Masters Golf Tournament. 2. Aircraft activities may only be conducted from the surface to 12,000 feet AGL. 3. Weather conditions required for aircraft activities are 5 miles visibility and with prevailing clouds or obscuring phenomena no greater than five-tenths coverage of the sky and bases no lower than 3,000 feet above the surface.

AMENDMENTS 11/9/95 60 FR 48889 (Amended)

R-3005A Fort Stewart, GA

Boundaries. Beginning at lat. 32°07'01"N., long. 81°43'29"W.; to lat. 31°56'01"N., long. 81°43'29"W.; thence west along Georgia Highway 144 to lat. 31°55'31"N., long. 81°52'59"W.; to lat. 31°57'01"N., long. 81°53'14"W.; to lat. 31°59'46"N., long. 81°51'05"W.; to lat. 32°02'22"N., long. 81°50'41"W.; to lat. 32°03'00"N., long. 81°51'25"W.; to lat. 32°05'25"N., long. 81°50'02"W.; to lat. 32°07'29"N., long. 81°47'16"W.; to the point of beginning.

Designated Altitudes. Surface to 29,000 feet MSL.

Time of designation. 0600-2400 local time, Monday through Sunday; other times by NOTAM 24 hours in advance.

Controlling agency. FAA, Jacksonville ARTCC.

Using agency. Commanding Officer, Fort Stewart, GA.

R-3005B Fort Stewart, GA

Boundaries. Beginning at lat. 32°06'46"N., long. 81°36'59"W.; thence south along Georgia Highway 119 to lat. 31°54'01"N., long. 81°38'14"W.; thence northwest along Georgia Highway 144 to lat. 31°56'01"N., long. 81°43'29"W.; to lat. 32°07'01"N., long. 81°43'29"W.; to the point of beginning.

Designated Altitudes. Surface to 29,000 feet MSL.

Time of designation. 0600-2400 local time, Monday through Sunday; other times by NOTAM 24 hours in advance.

Controlling agency. FAA, Jacksonville ARTCC.

Using agency. Commanding Officer, Fort Stewart, GA.

R-3005C Fort Stewart, GA

Boundaries. Beginning at lat. 32°04'46"N., long. 81°26'29"W.; to lat. 31°57'31"N., long. 81°26'29"W.; thence southwest along Georgia Highway 144 to lat. 31°53'12"N., long. 81°37'50"W.; thence north along Georgia Highway 119 to lat. 32°06'46"N., long. 81°36'59"W.; to lat. 32°06'16"N., long. 81°31'29"W.; to lat. 32°05'31"N., long. 81°31'29"W.; to lat. 32°05'16"N., long. 81°29'59"W.; to the point of beginning.

Designated Altitudes. Surface to 29,000 feet MSL.

Time of designation. 0600-0300 local time, Monday through Sunday; other times by NOTAM 24 hours in advance.

Controlling agency. FAA, Jacksonville ARTCC.

Using agency. Commander, 24th Infantry Division, Fort Stewart, GA.

R-3005D Fort Stewart, GA

Boundaries. Beginning at lat. 31°57'31"N., long. 81°26'29"W.; to lat. 32°04'46"N., long. 81°26'29"W.; to lat. 32°04'16"N., long. 81°22'29"W.; thence along the Ogeechee River to lat. 32°00'31"N., long. 81°19'29"W.; to lat. 31°58'46"N., long. 81°19'44"W.; to lat. 31°56'16"N., long. 81°22'59"W.; to lat. 31°54'04"N., long. 81°28'44" W.; thence counterclockwise along the arc of a S-mile radius circle centered at lat. 31°53'21"N., long. 81°33'44"W.; to lat. 31°56'49"N., long. 81°30'41"W.; thence east along Georgia Highway 144 to the point of beginning.

Designated Altitudes. Surface to 29,000 feet MSL.

Time of designation. 0600-2400 local time, Monday through Sunday; other times by NOTAM 24 hours in advance.

Controlling agency. FAA, Jacksonville ARTCC.
Using agency. Commander, 24th Infantry Division Fort Stewart, GA

R–3005E Fort Stewart, GA
Boundaries. Beginning at lat. 31°54'01"N., long. 81°38'14"W.; to lat. 31°53'12"N., long. 81°37'50"W.; to lat. 31'52'21 "N., long. 81°38'09"W.; to lat. 31°51'56"N., long. 81°39'49"W.; to lat. 31°51'31"N., long. 81°41'44"W.; to lat. 31°55'01"N., long. 81°52'59"W.; to lat. 31'55'31 "N., long. 81°52'59"W.; thence east along Georgia Highway 144 to the point of beginning.
Designated Altitudes. Surface to 29,000 feet MSL.
Time of designation. 0600-2400 local time, Monday through Sunday; other times by NOTAM 24 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. Commander, 24th Infantry Division Fort Stewart, GA

R-3007A Townsend, GA
Boundaries. Beginning at lat. 31 °43'01"N., long. 81°53'59"W.; to lat. 31°47'16"N., long. 81°49'59"W.; to lat. 31°48'16"N., long. 81°42'59"W.; to lat. 31°46'01"N., long. 81°41'49"W.; to lat. 31°45'31"N., long. 81°40'59"W.; to lat. 31°44'41"N., long. 81°39'59"W.; to lat. 31 °38'01"N., long. 81°46'59"W.; thence west along the Altamaha River to the point of beginning.
Designated Altitudes. 1,500 feet AGL to 5,000 feet MSL, excluding that airspace below 3,000 feet AGL within 1 1/2 NM radius circle centered on lat. 31'42'31 "N., long. 81°44'59"W.
Time of designation. Monday-Friday, 0800-l 700 local time. Other times by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. Savannah Air National Guard Training Site, Garden City, GA.

R-30078 Townsend, GA
Boundaries. Beginning at lat. 31 °38'01"N., long. 81°46'59"W.; to lat. 31°44'41"N., long. 81°39'59"W.; to lat. 31°44'21"N., long. 81°36'19"W.; to lat. 31°42'31"N., long. 81°33'59"W.; to lat. 31°33'16"N., long. 81°41'59"W.; thence west along the Altamaha River to the point of beginning.
Designated Altitudes. 500 feet AGL to 5,000 feet MSL.
Time of designation. Monday-Friday, 0800–1700, local time. Other times by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. Savannah Air National Guard Training Site, Garden City, GA.

R–3007C Townsend, GA
Boundaries. Beginning at lat. 31°33'16"N., long. 81°41'59"W.; to lat. 31°42'31"N., long. 81°33'59"W.; to lat. 31°38'01"N., long. 81°28'59"W.; to lat. 31°33'16"N., long. 8 1 ° 3 1' 14"W.; thence along a l-nautical-mile radius arc counterclockwise of a point centered at lat. 31°32'26"N., long. 81°31'49"W.; to lat. 31°31'16"N., long. 81°31'59"W.; to lat. 31°27'26"N., long. 81°33'39"W.; to lat. 31°25'31"N., long. 81°35'59"W.; thence west along the Altamaha River to the point of beginning excluding R-3007E.
Designated Altitudes. 100 feet AGL to 13,000 feet MSL.
Time of designation. Monday-Friday, 0800– 1700 local time. Other times by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. Savannah Air National Guard Training Site, Garden City, GA

R-3007D Townsend, GA
Boundaries. Beginning at lat. 3 1 ° 38 '01 "N., long. 81°28'59"W.; to lat. 31°37'31"N., long. 81°28'14"W.; to lat. 31°32'31"N., long. 81°27'29"W.; to lat. 31°26'16"N., long. 81°31'29"W.; to lat. 31°25'31"N., long. 81°35'59"W.; to lat. 31°27'26"N., long. 81°33'39"W.; to lat. 31°31'16"N., long. 81°31'59"W.; thence along a l-nautical-mile radius arc clockwise of a point centered at lat. 31°32'26"N., long. 81°31'49"W.; to lat. 31°33'16"N., long. 8 1°31' 14" W.; to the point of beginning.
Designated Altitudes. 1,200 feet AGL to 13,000 feet MSL.
Time of designation. Monday-Friday, 0800– 1700 local time. Other times by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. Savannah Air National Guard Training Site, Garden City, GA.

R-3007E Townsend, GA
Boundaries. A circular area with a 1 1/2–mile radius centered at lat. 31°33'16"N., long. 81°34'44"W.
Designated Altitudes. Surface to 13,000 feet MSL.
Time of designation. Monday-Friday, 0800-l 700 local time. Other times by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC,
Using agency. Savannah Air National Guard Training Site, Garden City, GA.

R-3008A Grand Bay Weapons Range, GA
Boundaries. Beginning at lat. 30°57'36"N., long. 83°11'05"W.; to lat. 30°59'13"N., long. 83°10'00"W.; to lat. 30°59'13"N., long. 83°07'53"W.; to lat. 30°58'31"N., long. 83°07'53"W.; to lat. 30°58'3 1 "N., long. 83°07'45"W.; to lat. 30°57'44"N., long. 83°07'45"W.; to lat. 30°57'44"N., long. 83°08'05"W.; to lat. 30°56'56"N., long. 83°08'05"W.; to lat. 30°56'24"N., long.

83°08'43"W.; to lat. 30'56'51 "N., long. 83°10'00"W.; to the point of beginning.

Designated Altitudes. Surface to 10,000 feet MSL.

Time of designation. 0700–1900 local time, Monday-Friday; other times by NOTAM 6 hours in advance.

Controlling agency. U.S. Air Force, Valdosta Approach Control.

Using agency. U.S. Air Force, 347 Fighter Wing, Moody AFB, GA.

AMENDMENTS 4/28/94 59 FR 10748 (Amended)

R–3008B Grand Bay Weapons Range, GA

Boundaries. Beginning at lat. 30°59'13"N., long. 83°10'00"W.; to lat. 31 °02'01"N., long. 83°09'00"W.; to lat. 31 °01'31"N., long. 83°06'00"W.; to lat. 30°54'31"N., long. 83°06'00"W.; to lat. 30°53'31"N., long. 83°09'00"W.; to lat. 30°56'51"N., long. 83°10'00"W.; to lat. 30°56'24"N., long. 83°08'43"W.; to lat. 30°56'56"N., long. 83°08'05"W.; to lat. 30°57'44"N., long. 83°08'05"W.; to lat. 30°57'44"N., long. 83°07'45"W.; to lat. 30°58'31"N., long. 83°07'45"W.; to lat. 30°58'31"N., long. 83°07'53"W.; to lat. 30°59'13"N., long. 83°07'53"W.; to the point of beginning.

Designated Altitudes. 100 feet AGL to 10,000 feet MSL.

Time of designation. 0700–1 900 local time, Monday-Friday; other times by NOTAM 6 hours in advance.

Controlling agency. U.S. Air Force, Valdosta Approach Control.

Using agency. U.S. Air Force, 347 Fighter Wing, Moody AFB, GA.

AMENDMENTS 4/28/94 59 FR 10748 (Amended)

R-3008C Grand Bay Weapons Range, GA

Boundaries. Beginning at lat. 31°04'01"N., long. 83°01'00"W.; to lat. 31°04'01"N., long. 83°08'00"W.; to lat. 31°02'01"N., long. 83°09'00"W.; to lat. 31°01'31"N., long. 83°06'00"W.; to lat. 30°54'31"N., long. 83°06'00"W.; to lat. 30°53'31"N., long. 83°09'00"W.; to lat. 30°51'01"N., long. 83°08'00"W.; to lat. 30°51'01"N., long. 83°01'00"W.; to the point of beginning.

Designated Altitudes. 500 feet AGL to 10,000 feet MSL, excluding that airspace below 1,500 feet AGL within one nautical mile of Lakeland, GA. (One-nautical-mile radius centered at lat. 31°02'31"N., long. 83°04'15"W.)

Time of designation. 0700–1900 local time, Monday-Friday; other times by NOTAM 6 hours in advance.

Controlling agency. U.S. Air Force, Valdosta Approach Control.

Using agency. U.S. Air Force, 347 Fighter Wing, Moody AFB, GA.

AMENDMENTS 4/28/94 59 FR 10748 (Amended)

R-3008D Grand Bay Weapons Range, GA

Boundaries. Beginning at lat. 31°04'01"N., long. 83°01'00"W.; to lat. 30°51'01"N., long. 83°01'00"W.; to lat. 30°51'01"N., long. 83°08'00"W.; to lat. 30°53'31"N., long. 83°09'00"W.; to lat. 30'56'51 "N., long. 83°10'00"W.; to lat. 30°57'36"N., long. 83" 11'05"W.; to lat. 30°59'13"N., long. 83°10'00"W.; to lat. 31°02'01"N., long. 83°09'00"W.; to lat. 31 °04'01 "N., long. 83°08'00"W.; to the point of beginning.

Designated Altitudes. 10,000 feet MSL to but not including FL 230.

Time of designation. 0700-1900 local time, Monday-Friday, other times by NOTAM six hours in advance.

Controlling agency. U.S. Air Force, Valdosta Approach Control.

Using agency. U.S. Air Force, 347th Fighter Wing, Moody AFB, GA.

AMENDMENTS 4/28/94 59 FR 10748 (Added)

§ 73.31 Hawaii

R-3101 PMRFAC FOUR, HI

Boundaries. Beginning at lat. 22" 12'48"N., long. 159°41'50"W.; to lat. 22°09'34"N., long. 159°41'50"W.; thence counterclockwise along the shoreline of Kauai to lat. 22°04'25"N., long. 159°46'10"W.; to lat. 22°04'14"N., long. 159°45'56"W.; to lat. 22°03'44"N., long. 159°46'19"W.; to lat. 22°01'34"N., long. 159°46'43"W.; to lat. 22°00'56"N., long. 159°46'10"W.; to lat. 22°00'44"N., long. 159°45'43"W.; to lat. 21°59'41"N., long. 159°45'04"W.; to lat. 21°59'24"N., long. 159°45'45"W.; thence counterclockwise along the shoreline of Kauai to lat. 21°58'14"N., long. 159°43'25"W.; to lat. 21°58'19"N., long. 159°48'45"W.; thence clockwise along a line 3 nautical miles from the shoreline of Kauai to the point of beginning.

Designated Altitudes. Surface to unlimited.

Time of designation. 0600-l 800 local time Monday-Friday; other times by NOTAM.

Controlling agency. FAA, Honolulu CERAP.

Using agency. Commanding Officer, Pacific Missile Range Facility, HI, (COPMRFAC HAWAII).

AMENDMENTS 7/22/93 58 FR 26225 (Amended)

R-3103 Humuula, HI

Boundaries. Beginning at lat. 19" 48' 14"N., long. 155°37'20"W.; to lat. 19°43'19"N., long. 155°29'10"W.; to lat. 19°34'49"N., long. 155°34'20"W.; to lat.

19°34'49"N., long. 155°40'15"W.; to lat. 19°40'04"N., long. 155°43'35"W.; to lat. 19°46'29"N., long. 155°42'10"W.; to the point of beginning.
Designated Altitudes. Surface to 30,000 feet MSL.
Time of designation. Intermittent, activated by NOTAM at least 12 hours in advance.
Controlling agency. FAA, Honolulu CERAP.
Using agency. Commanding General, U. S. Army, HI, Schofield Barracks, HI.
AMENDMENTS 12/13/90 55 FR 43092 (Amended)

R-3107 Kaula Rock, HI
Boundaries. The airspace within 3 nautical miles of the Island of Kaula (lat. 21°39'16"N., long. 160°32'20"W.).
Designated Altitudes. Surface to FL 180.
Time of designation. 0700-2200 local time weekdays; 0700-1800 local time weekends and holidays; other times by NOTAM issued at least 24 hours in advance.
Controlling agency. FAA, Honolulu CERAP.
Using agency. U.S. Navy, Commander, Fleet Area Control and Surveillance Facility, Pearl Harbor, HI.
AMENDMENTS 7/22/93 58 FR 21249 (Added)

R-3109A Schofield-Makua, Oahu, HI
Boundaries. Beginning at lat. 21°30'29"N., long. 158°08'40"W.; to lat. 21°31'04"N., long. 158°06'30"W.; to lat. 21°31'19"N., long. 158°05'25"W.; to lat. 21°31'03"N., long. 158°04'30"W.; to lat. 21°30'18"N., long. 158°03'59"W.; to lat. 21°29' 14"N., long. 158°04'50"W.; to lat. 21°27'17"N., long. 158°05'45"W.; to lat. 21°29'00"N., long. 158°07'25"W.; to lat. 21 °29'19"N., long. 158°08'30"W.; to the point of beginning.
Designated Altitudes. Surface to but not including 9,000 feet MSL.
Time of designation. Intermittent by NOTAM.
Controlling agency. FAA, Honolulu ATCT.
Using agency. U.S. Army, HI, Schofield Barracks, HI.
AMENDMENTS 12/1 3/90 55 FR 43092 (Amended)

R–3109B Schofield-Makua, Oahu, HI
Boundaries. Beginning at lat. 21°30'18"N., long. 158°03'59"W.; to lat. 21°29'14"N., long. 158°04'50"W.; to lat. 21°27'17"N., long. 158°05'45"W.; to lat. 21°29'00"N., long. 158°07'25"W.; to lat. 21°29'19"N., long. 158°08'30"W.; to lat. 21°33'04"N., long. 158°08'30"W.; to lat. 21°32'03"N., long. 158°05'02"W.; to the point of beginning.
Designated Altitudes. From 9,000 feet MSL to but not including 19,000 feet MSL.
Time of designation. Intermittent.
Controlling agency. FAA, Honolulu ATCT.
Using agency. U.S. Army, HI, Schofield Barracks, HI.
AMENDMENTS 12/13/90 55 FR 43092 (Amen&d)

R–3109C Schofield-Makua, Oahu, HI
Boundaries. Beginning at lat. 21°33'04"N., long. 158°08'30"W.; to lat. 21 °32'03"N., long. 158°05'02"W.; to lat. 21°31'03"N., long. 158°04'30"W.; to lat. 21°31'19"N., long. 158°05'25"W.; to lat. 21°31'04"N., long. 158°06'30"W.; to lat. 21°30'29"N., long. 158°08'40"W.; to the point of beginning.
Designated Altitudes. Surface to but not including 9,000 feet MSL.
Time of designation. Intermittent by NOTAM.
Controlling agency. FAA, Honolulu ATCT.
Using agency. U.S. Army, Schofield Barracks, HI.
AMENDMENTS 12/13/90 55 FR 43092 (Amen&d)

R-3110A Schofield-Makua, Oahu, HI
Boundaries. Beginning at lat. 21°29'19"N., long. 158°08'30"W.; to lat. 21°30'49"N., long. 158°13'50"W.; to lat. 21°32'19"N., long. 158°14'20"W.; to lat. 21°33'04"N., long. 158" 15'05"W.; to lat. 21°34'04"N., long. 158° 15'05"W.; to lat. 21°32'39"N., long. 158°12'00"W.; to lat. 21°31'49"N., long. 158°10'50"W.; to lat. 21°31'14"N., long. 158°10'35"W.; to lat. 21°30'29"N., long. 158°09'30"W.; to lat. 21°30'29"N., long. 158°08'40"W.; to the point of beginning.
Designated Altitudes. Surface to but not including 9,000 feet MSL.
Time of designation. Intermittent by NOTAM.
Controlling agency. FAA, Honolulu ATCT.
Using agency. U.S. Army, HI, Schofield Barracks, HI.
AMENDMENTS 12/13/90 55 FR 43092 (Amended)

R-3110B Schofield-Makua, Oahu, HI
Boundaries. Beginning at lat. 21°29'19"N., long. 158°08'30"W.; to lat. 21°30'49"N., long. 158°13'50"W.; to lat. 21°32'19"N., long. 158°14'20"W.; to lat. 21°33'04"N., long. 158° 15'05"W.; to lat. 21 °34' 19"N., long. 158°.15'05"W.; to lat. 21°34'19"N., long. 158°13'05"W.; to lat. 21°33'04"N., long. 158°08'30"W.; to the point of beginning.
Designated Altitudes. From 9,000 feet MSL to but not including 19,000 feet MSL.
Time of designation. Intermittent.
Controlling agency. FAA, Honolulu ATCT.
Using agency. U. S. Army, HI, Schofield Barracks, HI.
AMENDMENTS 12/1 3/90 55 FR 43092 (Amended)

R-3110C Schofield-Makua, Oahu, HI
Boundaries. Beginning at lat. 21 °33'04"N., long. 158°08'30"W.; to lat. 21 °30'29"N., long. 158°08'40"W.; to lat. 21°30'29"N., long. 158°09'30"W.; to lat.

21°31'14"N., long. 158°10'35"W.; to lat. 21°31'49"N., long. 158°10'50"W.; to lat. 21°32'39"N., long. 158°12'00"W.; to lat. 21°34'04"N., long. 158°15'05"W.; to lat. 21°34'19"N., long. 158°15'05"W.; to lat. 21°34'19"N., long. 158°13'05"W.; to the point of beginning.

Designated Altitudes. Surface to but not including 9,000 feet MSL.

Time of designation. Intermittent by NOTAM.

Controlling agency. FAA, Honolulu ATCT.

Using agency. U.S. Army, Schofield Barracks, HI.

AMENDMENTS 12/1 3/90 55 FR 43092 (Amended)

§73.32 Idaho

R-3202A Saylor Creek, ID

Boundaries. Beginning at lat. 42°53'00"N., long. 115°42'23"W.; to lat. 42°53'00"N., long. 115°24'18"W.; to lat. 42°36'00"N., long. 115°24'18"W.; to lat. 42°36'00"N., long. 115°42'23"W.; to the point of beginning.

Designated Altitudes. Surface to FL 180.

Time of designation. Monday-Friday, 0800-0000 local time. Other times by NOTAM.

Controlling agency. FAA, Salt Lake City ARTCC.

Using agency. Commander, 366th Tactical Fighter Wing, Mountain Home AFB, ID.

R-3202B Saylor Creek, ID

Boundaries. Beginning at lat. 42°36'00"N., long. 115°37'03"W.; to lat. 42°36'00"N., long. 115°30'03"W.; to lat. 42°33'00"N., long. 115°30'03"W.; to lat. 42°33'00"N., long. 115°37'03"W.; to the point of beginning.

Designated Altitudes. Surface to 14,000 feet MSL.

Time of designation. Monday-Friday, 0800-0000 local time. Other times by NOTAM.

Controlling agency. FAA, Salt Lake City ARTCC.

Using agency. Commander, 366th Tactical Fighter Wing, Mountain Home AFB, ID.

R-3202C Saylor Creek, ID

Boundaries. Beginning at lat. 42°33'00"N., long. 115°37'03"W.; to lat. 42°33'00"N., long. 115°30'03"W.; to lat. 42°07'00"N., long. 115°30'03"W.; to lat. 42°07'00"N., long. 115°37'03"W.; to the point of beginning.

Designated Altitudes. Surface to: 11,000 feet MSL.

Time of designation. Monday-Friday, 0800–0000 local time. Other times by NOTAM.

Controlling agency. FAA, Salt Lake City ARTCC.

Using agency. Commander, 366th Tactical Fighter Wing, Mountain Home AFB, ID.

R-3203A Boise, ID

Boundaries. Beginning at lat. 43°17'00"N., long. 116°12'03"W.; to lat. 43°17'00"N., long. 116°05'03"W.; to lat. 43°15'00"N., long. 116°01'03"W.; to lat. 43°12'30"N., long. 116°00'33"W.; to lat. 43°06'00"N., long. 116°07'18"W.; to lat. 43°10'00"N., long. 116°16'33"W.; to lat. 43°14'00"N., long. 116°16'33"W.; to the point of beginning.

Designated Altitudes. Surface to 15,000 feet MSL.

Time of designation. By NOTAM, 24 hours in advance.

Controlling agency. FAA, Salt Lake ARTCC.

Using agency. Idaho Army National Guard.

R-3203B Boise, ID

Boundaries. Beginning at lat. 43°17'00"N., long. 116°12'03"W.; to lat. 43°17'00"N., long. 116°05'03"W.; to lat. 43°15'00"N., long. 116°01'03"W.; to lat. 43°12'30"N., long. 116°00'33"W.; to lat. 43°06'00"N., long. 116°07'18"W.; to lat. 43°10'00"N., long. 116°16'33"W.; to lat. 43°14'00"N., long. 116" 16'33"W.; to the point of beginning.

Designated Altitudes. 15,000 feet MSL to and including 22,000 feet MSL.

Times of designation. By NOTAM, 24 hours in advance.

Controlling agency. FAA, Salt Lake ARTCC.

Using agency. Idaho Army National Guard.

R–3203C Boise, ID

Boundaries. Beginning at lat. 43° 12'30"N., long. 116°00'33"W.; to lat. 43°09'15"N., long. 116°00'03"W.; to lat. 43°06'00"N., long. 116°07'18"W.; to the point of beginning.

Designated Altitudes. Surface to and including 6,000 feet MSL.

Times of designation. By NOTAM, 24 hours in advance.

Controlling agency. FAA, Salt Lake ARTCC.

Using agency. Idaho Army National Guard.

§ 73.33 Illinois

R-3302 Savanna, IL

Boundaries. A circular area with a 1,500–foot radius centered on lat. 42°13'59"N., long. 90°21'43"W.

Designated Altitudes. Surface to 2,300 feet MSL.

Time of designation. 0800 to 2200 CST.

Controlling agency. FAA, Chicago ARTCC.

Using agency. Commanding Officer, Ordnance Depot, Savanna, IL.

AMENDMENTS 2/2/95 59 FR 55995 (Amended)

873.34 Indiana

R-3401A Atterbury Reserve Forces Training Area, IN

Boundaries. Beginning at lat. 39°21 '30"N., long. 86°06'00"W.; to lat. 39°21'30"N., long. 85°59'30"W.; to

lat. 39°13'00"N., long. 85°59'30"W.; to lat. 39°13'00"N., long. 86°06'00"W.; to the point of beginning.
Designated Altitudes. Surface to 40,000 feet MSL.
Time of designation. May 1 through September 30 – Continuous; October 1 through April 30 - 0800-2300 local time, Tuesday through Saturday; other times by NOTAM.
Controlling agency. FAA, Indianapolis ARTCC.
Using agency. Adjutant General, State of Indiana, Indianapolis, IN.
AMENDMENTS 6/4/87 52 FR 11034 (Amended)

R-3401B Atterbury Reserve Forces Training Area, IN
Boundaries. Beginning at lat. 39°22'00"N., long. 86°06'40"W.; to lat. 39°22'00"N., long. 85°59'30"W.; to lat. 39°21'30"N., long. 85°59'30"W.; to lat. 39°21'30"N., long. 86°06'00"W.; to lat. 39°13'00"N., long. 86°06'00"W.; to lat. 39°13'00"N., long. 85°59'30"W.; to lat. 39°12'30"N., long. 85°59'30"W.; to lat. 39°12'30"N., long. 86°09'50"W.; to lat. 39°19'00"N., long. 86° 11'20" W.; to the point of beginning.
Designated altitude. 1,200 feet AGL to and including 14,000 feet MSL.
Time of designation. May 1 through September 30 - Continuous; October 1 through April 30 – 0800-2300 local time, Tuesday through Saturday; other times by NOTAM.
Controlling agency. FAA, Indianapolis ARTCC.
Using agency. Adjutant General, State of Indiana, Indianapolis, IN.
AMENDMENTS 6/4/87 52 FR 11034 (Amended)

R-3403A Jefferson Proving Ground, IN
Boundaries. Beginning at lat. 39°02'57"N., long. 85°27'42"W.; to lat. 39°02'00"N., long. 85°22'00"W.; to lat. 38°56'06"N., long. 85°22'00"W.; to lat. 38°50'35"N., long. 85°22'50"W.; to lat. 38°50'00"N., long. 85°24'00"W.; to lat. 38°50'00"N., long. 85°27'42"W.; to the point of beginning.
Designated Altitudes. Surface to 43,000 feet MSL.
Time of designation. Daily, 0630 to 2400, local time.
Controlling agency. FAA, Indianapolis ARTCC.
Using agency. Adjutant General, Indiana National Guard.
AMENDMENTS 2/2/95 59 FR 55996 (Amended)
AMENDMENTS 11/9/95 60 FR 43708 (Amended)

R-3403B Jefferson Proving Ground, IN
Boundaries. Beginning at lat. 39°05'00"N., long. 85°30'00"W.; to lat. 39°05'00"N., long. 85°22'00"W.; to lat. 39°02'00"N., long. 85°22'00"W.; to lat. 39°02'57"N., long. 85°27'42"W.; to lat. 38°55'00"N., long. 85°27'42"W.; to lat. 38°57'30"N., long. 85°30'00"W.; to the point of beginning.
Designated Altitudes. 1,200 feet AGL to FL 180.
Time of designation. Daily, 0800 to 2300, local time.
Controlling agency. FAA, Indianapolis ARTCC.
Using agency. Adjutant General, Indiana National Guard.
AMENDMENTS 2/2/95 59 FR 55996 (Amended)

R-3404 Crane, IN
Boundaries. A circular area 1 nautical mile in diameter, centered on lat. 38°49'18"N., long. 86°50'03"W.
Designated Altitudes. Surface to 2,500 feet MSL.
Time of designation. Sunrise to sunset, daily from May 1 through and including November 1. Other times by NOTAM 24 hours in advance.
Controlling agency. FAA, Terre Haute ATCT.
Using agency. Commanding Officer, Naval Ammunition Depot, Crane, IN.
AMENDMENTS 12/15/88 53 FR 40410 (Amended)

§ 73.35 Iowa

§ 73.36 Kansas

R-3601A Brookville, KS
Boundaries. Beginning at lat. 38°45'20"N., long. 97°46'01"W.; to lat. 38°39'45"N., long. 97°46'01"W.; along the Missouri Pacific Railroad to lat. 38°38'20"N., long. 97°47'31"W.; to lat. 38°38'20"N., long. 97'56'01 "W.; to lat. 38°45'20"N., long. 97'56'01 "W.; to the point of beginning.
Designated Altitudes. Surface to FL 180.
Time of designation. Monday through Saturday, 0900 to 1700 local time; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. Commander, Kansas ANG, McConnell AFB, KS
AMENDMENTS 11/9/95 60 FR 40994 (Amended)
Con-: 60 *FR 49333*

R-3601B Brookville, KS
Boundaries. Beginning at lat. 38°38'20"N., long. 97°50'01"W.; to lat. 38°35'00"N., long. 97°50'01"W.; to lat. 38°35'00"N., long. 97°56'01"W.; to lat. 38°38'20"N., long. 97'56'01 "W.; to the point of beginning.
Designated Altitudes. Surface to 6,500 feet MSL.
Time of designation. Monday through Saturday, 0900 to 1700 local time; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. Commander, Kansas ANG, McConnell AFB, KS.
AMENDMENTS 11/9/95 60 FR 40994 (Amended)
Corr: 60 *FR 49333*

R-3602A **Manhattan, KS**
Boundaries. Beginning at lat. 39°17'45"N., long. 96'49'51 "W.; thence along the southern edge of the Chicago, Rock Island and Pacific Railroad right-of-way to lat. 39°18'33"N., long. 96°57'40"W.; thence south to the shoreline of the main body of Milford Reservoir at lat.

39°12'27"N., long. 96°57'40"W.; thence along the shoreline of the main body of Milford Reservoir to lat. 39°10'58"N., long. 96°55'01"W.; to lat. 39° 10'58"N., long. 96°53'14"W.; to lat. 39°08'22"N., long. 96°53'14"W.; to lat. 39°08'22"N., long. 96°49'53"W.; thence north along Old U.S. Highway No. 77 to the point of beginning.

Designated Altitudes. Surface to 29,000 feet MSL.

Time of designation. Continuous.

Controlling agency. FAA, Kansas City ARTCC.

Using agency. Commanding General, Fort Riley, KS.

R-3602B Manhattan, KS

Boundaries. Beginning at lat. 39°17'45"N., long. 96°49'5 1 "W.; thence south along Old U.S. Highway No. 77 to lat. 39°07'54"N., long. 96°49'53"W.; to lat. 39°04'24"N., long. 96°52'23"W.; to lat. 39°04'24"N., long. 96°5 1' 16"W.; thence clockwise along the arc of a 4 nautical mile radius circle centered on the Marshall Army Air Field RBN at lat. 39°01'34"N., long. 96°47'41"W.; to lat. 39°05'25"N., long. 96°46'18"W.; to lat. 39°06'25"N., long. 96'44'41 "W.; to lat. 39°08'20"N., long. 96°43'01"W.; to lat. 39°09'23"N., long. 96°43'01"W.; to lat. 39°10'43"N., long. 96°40'56"W.; to lat. 39°12'17"N., long. 96°40'56"W.; to lat. 39° 13'00"N., long. 96°42'36"W.; to lat. 39°13'16"N., long. 96°42'36"W.; thence along the southerly edge of the Chicago, Rock Island and Pacific Railroad right-of-way to the point of beginning.

Designated Altitudes. Surface to 29,000 feet MSL.

Time of designation. Continuous.

Controlling agency. FAA, Kansas City ARTCC.

Using agency. Commanding General, Fort Riley, KS.

§ 73.37 Kentucky

R-3701A Fort Campbell, KY

Boundaries. Beginning at lat. 36'39'01 "N., long. 87°34'15"W.; to lat. 36°39'01"N., long. 87°32'27"W.; to lat. 36°39'05"N., long. 87°31'18"W.; to lat. 36°39'20"N., long. 87°30'35"W.; to lat. 36°39'06"N., long. 87°28'57"W.; to lat. 36°39'18"N., long. 87°28'41"W.; to lat. 36°37'54"N., long. 87°28'38"W.; to lat. 36°37'09"N., long. 87°28'57"W.; to lat. 36°37'18"N., long. 87°32'05"W.; to lat. 36°37'22"N., long. 87°34'15"W.; to the point of beginning.

Designated Altitudes. Surface to and including 5,000 feet MSL.

Time of designation. By NOTAM 24 hours in advance.

Controlling agency. U.S. Army, Fort Campbell Army Air Field Army Radar Approach Control.

Using agency. Commanding General, Fort Campbell, KY.

AMENDMENTS 12/13/90 55 FR 42363 (Amended)

R-3702A Fort Campbell, KY

Boundaries. Beginning at lat. 36°32'00"N., long. 87°32'30"W.; to lat. 36°37'18"N., long. 87°32'05"W.; to lat. 36°37'22"N., long. 87°34'15"W.; to lat. 36°39'01"N., long. 87°34'15"W.; to lat. 36°39'00"N., long. 87°40'00"W.; to lat. 36°42'00"N., long. 87°40'30"W.; to lat. 36°43'30"N., long. 87°43'00"W.; to lat. 36°43'30"N., long. 87°48'15"W.; to lat. 36°37'30"N., long. 87°48'15"W.; to lat. 36°35'30"N., long. 87°45'00"W.; to lat. 36°33'30"N., long. 87°42'30"W.; to lat. 36°32'00"N., long. 87°35'00"W.; to the point of beginning.

Designated Altitudes. Surface to 6,000 feet MSL.

Time of designation. By NOTAM 24 hours in advance.

Controlling agency. FAA, Memphis ARTCC.

Using agency. Commanding General, Fort Campbell, KY.

AMENDMENTS 11/9/95 60 FR 48889 (Amended)

R–3702B Fort Campbell, KY

Boundaries. Beginning at lat. 36°32'00"N., long. 87°32'30"W.; to lat. 36°37'18"N., long. 87°32'05"W.; to lat. 36°37'22"N., long. 87°34'15"W.; to lat. 36°39'01"N., long. 87°34'15"W.; to lat. 36°39'00"N., long. 87°40'00"W.; to lat. 36°42'00"N., long. 87°40'30"W.; to lat. 36°43'30"N., long. 87°43'00"W.; to lat. 36°43'30"N., long. 87°48'15"W.; to lat. 36°37'30"N., long. 87°48'15"W.; to lat. 36°35'30"N., long. 87°45'00"W.; to lat. 36°33'30"N., long. 87°42'30"W.; to lat. 36°32'00"N., long. 87° 35 '00" W.; to the point of beginning.

Designated Altitudes. 69000 feet MSL to FL 220.

Time of designation. By NOTAM 24 hours in advance.

Controlling agency. FAA, Memphis ARTCC.

Using agency. Commanding General, Fort Campbell, KY.

AMENDMENTS 11/9/95 60 FR 48889 (Amended)

R–3702C Fort Campbell, KY

Boundaries. Beginning at lat. 36°32'00"N., long. 87°32'30"W.; to lat. 36°37'18"N., long. 87°32'05"W.; to lat. 36°37'22"N., long. 87°34'15"W.; to lat. 36°39'01"N., long. 87°34'15"W.; to lat. 36°39'00"N., long. 87°40'00"W.; to lat. 36°42'00"N., long. 87°40'30"W.; to lat. 36°43'30"N., long. 87°43'00"W.; to lat. 36°43'30"N., long. 87°48' 15"W.; to lat. 36°37'30"N., long. 87°48'15"W.; to lat. 36°35'30"N., long. 87°45'00"W.; to lat. 36°33'30"N., long. 87°42'30"W.; to lat. 36°32'00"N., long. 87°35'00"W.; to the point of beginning.

Designated Altitudes. FL 220 to FL 270.

Time of designation. By NOTAM 24 hours in advance.

Controlling agency. FAA, Memphis ARTCC.

Using agency. Commanding General, Fort Campbell, KY.

R-3704A Fort Knox, KY

Boundaries. Beginning at lat. 37°59'00"N., long. 85°45'00"W.; to lat. 37°47'30"N., long. 85°45'00"W.; to lat. 37°47'30"N., long. 85°55'30"W.; along U. S. Highway 31-W to lat. 37°50'45"N., long. 85°57'00"W.; along Wilson Road to lat. 37°55'17"N., long. 85°56'46"W.; to lat. 37°55'17"N., long. 85°57'16"W.; to lat. 37°56'04"N., long. 85°57'33"W.; to lat. 37°56'23"N., long. 85°57'00"W.; along Wilson Road to lat. 37°58'00"N., long. 85°57'45"W.; along the Illinois Central Railroad to lat. 37°59'00"N., long. 85°57'00"W.; to lat. 38°01'00"N., long. 85°54'30"W.; along Kentucky Route 44 to lat. 38°00'30"N., long. 85°52'00"W.; to lat. 37°59'00"N., long. 85 ° 52'00" W.; to the point of beginning.

Designated Altitudes. Surface to and including 10,000 feet MSL.

Time of designation. 0600 to 2400 EST; other times by NOTAM 24 hours in advance.

Controlling agency. FAA, Standiford Control Tower, Louisville, KY.

Using agency. Commanding General, U.S. Army Armor Center, Fort Knox, KY.

R-3704B Fort Knox, KY

Boundaries. Beginning at lat. 37°59'00"N., long. 85°45'00"W.; to lat. 37°47'30"N., long. 85°45'00"W.; to lat. 37°47'30"N., long. 85°55'30"W.; along U. S. Highway 31-W to lat. 37°50'45"N., long. 85°57'00"W.; along Wilson Road to lat. 37°55'17"N., long. 85°56'46"W.; to lat. 37°55'17"N., long. 85°57'16"W.; to lat. 37°56'04"N., long. 85°57'33"W.; to lat. 37°56'23"N., long. 85°57'00"W.; along Wilson Road to lat. 37°58'00"N., long. 85°57'45"W.; along the Illinois Central Railroad to lat. 37°59'00"N., long. 85°57'00"W.; to lat. 38°01'00"N., long. 85°54'30"W.; along Kentucky Route 44 to lat. 38°00'30"N., long. 85°52'00"W.; to lat. 37°59'00"N., long. 85°52'00"W.; to the point of beginning.

Designated Altitudes. 10,000 feet MSL to 20,000 feet MSL.

Time of designation. By NOTAM 24 hours in advance.

Controlling agency. FAA, Standiford Control Tower, Louisville, KY.

Using agency. Commanding General, U.S. Army Armor Center, Fort Knox, KY.

§ 73.38 Louisiana

R-3801A Camp Claiborne, LA

Boundaries. Beginning at lat. 31°18'01"N., long. 92°46'31"W.; to lat. 31°13'56"N., long. 92°49'46"W.; to lat. 31°23'41"N., long. 93°05'46"W.; to lat. 31°27'31"N., long. 93 °03'01 "W.; to the point of beginning.

Designated Altitudes. 1,500 feet AGL to and including *4,000* feet MSL northwest of a line extending from lat. 31°20'51"N., long. 92°51'16"W.; to lat. 31°16'41"N., long. 92°54'3 1 "W.; and 500 feet AGL to and including 4,000 feet MSL southeast of a line extending from lat. 31°20'51"N., long. 92°51'16"W.; to lat. 31°16'41"N., long. 92°54'31"W.

Time of designation. 0800–2200 local time, Monday-Friday; other times by NOTAM.

Controlling agency. FAA, Houston ARTCC.

Using agency. U.S. Air Force, 917 Fighter Wing, Barksdale AFB, LA.

AMENDMENTS 1/6/94 58 FR 54486 (Amen&d)

R-3801B Camp Claiborne, LA

Boundaries. Beginning at lat. 31°11'46"N., long. 92°30'16"W.; to lat. 31°05'16"N., long. 92°34'51"W.; to lat. 31°13'56"N., long. 92°49'46"W.; to lat. 31"18'01"N., long. 92°46'31"W.; to lat. 31 ° 15'16"N., long. 92°41'46"W.; to lat. 31°17'11"N., long. 92°40'11"W.; to the point of beginning.

Designated Altitudes. Surface to and including 7,000 feet MSL.

Time of designation. 0800-2200 local time, Monday-Friday; other times by NOTAM.

Controlling agency. FAA, Houston ARTCC.

Using agency. U.S. Air Force, 917 Fighter Wing, Barksdale AFB, LA.

AMENDMENTS 1/6/94 58 FR 54486 (Amen&d)

R-3801C Camp Claiborne, LA

Boundaries. Beginning at lat. 31°11'46"N., long. 92°30'16"W.; to lat. 31°05'16"N., long. 92°34'51"W.; to lat. 31 °13'56"N., long. 92°49'46"W.; to lat. 31 °18'01"N., long. 92°46'31"W.; to lat. 31° 15'16"N., long. 92°41'46"W., to lat. 31°17'11"N., long. 92°40'11"W.; to the point of beginning.

Designated Altitudes. 7,000 feet MSL to and including 14,000 feet MSL.

Time of designation. 0800–2200 local time, Monday-Friday; other times by NOTAM.

Controlling agency. FAA, Houston ARTCC

Using agency. U.S. Air Force, 917 Fighter Wing, Barksdale AFB, LA.

AMENDMENTS 1 /6/94 58 FR 54486 (Amended)

R-3803A Fort Polk, LA

Boundaries. Beginning at lat. 31°23'37"N., long. 93°09'58"W.; to lat. 31°23'13"N., long. 93°09'49"W.; to lat. 31°22'01"N., long. 93°10'06"W.; to lat. 31°19'17"N., long. 93°11'11"W.; to lat. 31°19'17"N., long. 93°20'16"W.; to lat. 31°24'31"N., long. 93°20'16"W.; to

lat. 31°24'31"N., long. 93°16'43"W.; to lat. 31°23'36"N., long. 93°13'25"W.; to the point of beginning.
Designated Altitudes. Surface to FL 180.
Time of designation. Continuous.
Controlling agency. FAA, Houston ARTCC.
Using agency. Commanding General, Fort Polk, LA.

R-3803B Fort Polk, LA
Boundaries. Beginning at lat. 31°23'37"N., long. 93°09'58"W.; to lat. 31°23'13"N., long. 93°09'49"W.; to lat. 31°22'01"N., long. 93°10'06"W.; to lat. 31°19'17"N., long. 93°11'11"W.; to lat. 31°19'17"N., long. 93°20'16"W.; to lat. 31°24'31"N., long. 93°20'16"W.; to lat. 31°24'31"N., long. 93°16'43"W.; to lat. 31°23'36"N., long. 93° 13'25"W.; to the point of beginning.
Designated Altitudes. FL 180 up to but not including FL 350.
Time of designation. As activated by NOTAM issued at least 24 hours in advance.
Controlling agency. FAA, Houston ARTCC.
Using agency. Commanding General, Fort Polk, LA.

R-3804A Fort Polk, LA
Boundaries. Beginning at lat. 31°00'53"N., long. 93°08'12"W.; to lat. 31°00'53"N., long. 92°56'53"W.; to lat. 31°00'20"N., long. 92°56'14"W.; to lat. 31°00'20"N., long. 92°54'23"W.; to lat. 31°03'55"N., long. 92°51'34"W.; to lat. 31°09'35"N., long. 92°58'25"W.; to lat. 31°09'35"N., long. 93°00'56"W.; to lat. 31°08'43"N., long. 93°01'55"W.; to lat. 3 1°08'43"N., long. 93°08'12"W.; to the point of beginning.
Designated Altitudes. Surface to FL 180.
Time of designation. Continuous.
Controlling agency. FAA, Houston ARTCC.
Using agency. Commanding General, Fort Polk, LA.

R-3804B Fort Polk, LA
Boundaries. Beginning at lat. 31°00'53"N., long. 93°10'53"W.; to lat. 31°00'53"N., long. 93°08'12"W.; to lat. 31°06'12"N., long. 93°08'12"W.; to lat. 31°04'15"N., long. 93° 12'3 1 "W.; to the point of beginning.
Designated Altitudes. Surface to 3,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Houston ARTCC.
Using agency. Commanding General, Fort Polk, LA.

R-3804C Fort Polk, LA
Boundaries. Beginning at lat. 3 1°00'53"N., long. 93°08'12"W.; to lat. 31°00'53"N., long. 92°56'53"W.; to lat. 31°00'20"N., long. 92°56'14"W.; to lat. 31°00'20"N., long. 92°54'23"W.; to lat. 3 1°03'55"N., long. 92°51'34"W.; to lat. 31°09'35"N., long. 92°58'25"W.; to lat. 31°09'35"N., long. 93°00'56"W.; to lat. 31°08'43"N., long. 93°01'55"W.; to lat. 31°08'43"N., long. 93°08'12"W.; to the point of beginning.
Designated Altitudes. FL 180 up to but not including FL 350.
Time of designation. As published by NOTAM 24 hours in advance.
Controlling agency. FAA, Houston ARTCC.
Using agency. Commanding General, Fort Polk, LA.

R-3807 Glencoe, LA
Boundaries. A 3-nautical-mile radius centered at lat. 29°48'37"N., long. 91°39'47"W.
Designated Altitudes, Surface to 15,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Houston ARTCC
Using agency. USAF, Southeast Air Defense Sector, Tyndall APB, FL
AMENDMENTS 10/1 3/93 58 FR 52890 (Added)

§ 73.39 Maine

§ 73.40 Maryland

R-4001A Aberdeen, MD
Boundaries. Beginning at lat. 39°30'30"N., long. 76°09'59"W.; to lat. 39°29'00"N., long. 76°07'59"W.; to lat. 39°29'30"N., long. 76°04'59"W.; to lat. 39°27'00"N., long. 76°00'29"W.; to lat. 39°19'47"N., long. 76°11'33"W.; to lat. 39°17'30"N., long. 76°12'58"W.; to lat. 39°16'24"N., long. 76°16'17"W.; to lat. 39°17'13"N., long. 76°18'48"W.; to lat. 39°18'42"N., long. 76°18'48"W.; to lat. 39°21'12"N., long. 76°21'59"W.; to lat. 39°22'00"N., long. 76°21'59"W.; to lat. 39°23'28"N., long. 76°20'39"W.; to lat. 39°26'10"N., long. 76°14'49"W.; to lat. 39°27'00"N., long. 76°12'29"W.; to the point of beginning.
Designated altitudes and Time of designation. 1. Surface to unlimited, 0700 to 2400 local time. 2. Surface to 10,000 feet MSL, 0000 to 0700 local time; higher altitudes by NOTAM issued 24 hours in advance.
Controlling agency. FAA, Washington ARTCC
Using agency. Commanding Officer, Aberdeen Proving Ground, MD.

R-4001B Aberdeen, MD
Boundaries. Beginning at lat. 39° 17'30"N., long. 76° 12'58"W.; to lat. 39°12'10"N., long. 76°16'29"W.; to lat. 39°12'45"N., long. 76°22'29"W.; to lat. 39°17'30"N., long. 76°19'44"W.; to lat. 39°18'30"N., long. 76°21'59"W.; to lat. 39°21'12"N., long. 76°21'59"W.; to lat. 39°18'42"N., long. 76°18'48"W.; to lat. 39°17'13"N., long. 76°.18'48"W.; to lat. 39°16'24"N., long. 76°16'17"W.; to the point of beginning.
Designated Altitudes. Surface to 10,000 feet MSL, higher altitudes by NOTAM issued 24 hours in advance.

Time of designation. Intermittent, as activated by NOTAM 24 hours in advance.
Controlling agency. FAA, Washington ARTCC.
Using agency. Commanding Officer, Aberdeen Proving Ground, MD.

R-4002 Bloodsworth Island, MD
Boundaries. Beginning at lat. 38°13'00"N., long. 75°59'59"W.; to lat. 38°08'00"N., long. 75°59'59"W.; to lat. 38°08'00"N., long. 76°08'49"W.; to lat. 38°13'00"N., long. 76° 11' 19"W.; to the point of beginning.
Designated Altitudes. Surface to and including 20,000 feet MSL.
Time of designation. From sunrise to 2400 hours, local time, daily, other times as specified in a NOTAM issued 48 hours in advance,
Controlling agency. FAA, Washington ARTCC.
Using agency. Commanding Officer, Naval Amphibious School Little Creek, Norfolk, VA.

R-4005 Patuxent River, MD
Boundaries. Beginning at lat. 38°05'40"N., long. 76°33'31"W.; to lat. 38°11'10"N., long. 76°25'09"W.; to lat. 38°18'20"N., long. 76°17'04"W.; to lat. 38°18'26"N., long. 76°14'29"W.; to lat. 38°13'00"N., long. 76°11'19"W.; to lat. 38°08'00"N., long. 76°08'49"W.; to lat. 37°55'15"N., long. 76°02'29"W.; to lat. 37°53'10"N., long. 76° 13'59"W.; to the point of beginning.
Designated Altitudes. Surface to but not including FL 250.
Time of designation. 0700-2300 local time, daily; other times as specified by NOTAM.
Controlling agency. FAA, Washington ARTCC.
Using agency. Commanding Officer, NAS Patuxent River, MD.
AMENDMENTS 4/6/89 54 FR 6879 (Amen&d)
Corr: 54 *FR 13877*

R-4006 Patuxent River, MD
Boundaries. Beginning at lat. 38°41'15"N., long. 75°45'59"W.; to lat. 38°32'30"N., long. 75°43'44"W.; to lat. 38°19'00"N., long. 75°36'59"W.; to lat. 37°55'00"N., long. 75°52'29"W.; to lat. 37°45'00"N., long. 75°58'44"W.; to lat. 37°45'00"N., long. 76°23'29"W.; to lat. 37°50'30"N., long. 76°31'59"W.; to lat. 38°05'10"N., long. 76°34'14"W.; to lat. 38°11'10"N., long. 76°25'09"W.; to lat. 38°30'00"N., long. 76°03'59"W.; to lat. 38°36'00"N., long. 75°55'29"W.; along the Pennsylvania Railroad to the point of beginning, excluding R-4002, R-4005, and R-6609.
Designated Altitudes. 3,500 feet MSL to but not including FL 250.
Time of designation. 0700-2300 local time, daily; other times as specified by NOTAM.
Controlling agency. FAA, Washington ARTCC.
Using agency. Commanding Officer, NAS Patuxent River, MD.
AMENDMENTS 4/6/89 54 FR 6879 (Amended)
Corr: 54 *FR 13877*

R-4007A Patuxent River, MD
Boundaries. Beginning at lat. 38 °21 'OO"N., long. 76°13'59"W.; to lat. 38°11'10"N., long. 76°25'09"W.; to lat. 38°05'10"N., long. 76°34'04"W.; to lat. 38°15'00"N., long. 76°36'34"W.; to lat. 38°17'25"N., long. 76°32'59"W.; to lat. 38°25'40"N., long. 76°23'34"W.; to the point of beginning.
Designated Altitudes. Surface to but not including 5,000 feet MSL.
Time of designation. 0700–2300 local time, daily; other times as specified by NOTAM.
Controlling agency. FAA, Washington ARTCC.
Using agency. Commanding Officer, NAS Patuxent River, MD.
AMENDMENTS 4/6/89 54 FR 6879 (Amended)
Corr: 54 FR 13877

R-4008 Patuxent River, MD
Boundaries. Beginning at lat. 38 ° 42'00"N., long. 75°51'59"W.; to lat. 38°40'00"N., long. 75°34'59"W.; to lat. 38°20'00"N., long. 75°38'59"W.; to lat. 37°45'00"N., long. 76°10'59"W.; to lat. 37°45'00"N., long. 76°23'59"W.; to lat. 37°51'00"N., long. 76°31'59"W.; to lat. 37°55'00"N., long. 76°32'59"W.; to lat. 38°17'00"N., long. 76° 17'59"W.; thence to the point of beginning.
Designated Altitudes. FL 250 to FL 850.
Time of designation. 0700-2300 local time, daily; other times as specified by NOTAM.
Controlling agency. FAA, Washington ARTCC.
Using agency. U.S. Navy, Commanding Officer, NAS Patuxent River, MD
AMENDMENTS 4/6/89 54 FR 6879 (Amended)
Corr: 54 FR 13877

R-4009 Thurmont, MD
Boundaries. That airspace within a 3 NM radius of the Naval Support Facility (lat. 39°38'53"N., long. 77°28'00"W.).
Designated Altitudes. 5,000 feet MSL to 12,500 feet MSL.
Time of designation. Continuous: Transit may be authorized by Washington ARTCC when conditions permit.
Controlling agency. FAA, Washington ARTCC
Using agency. FAA, Washington ARTCC

§ 73.41 Massachusetts

R-4101 Camp Edwards, MA

Boundaries. Beginning at lat. 41 °40'52"N., long. 70°33'07"W.; to lat. 41°41'01"N., long. 70°33'58"W.; to lat. 41°41'58"N., long. 70°34'56"W.; to lat. 41°42'52"N., long. 70°34'56"W.; to lat. 41°43'52"N., long. 70°34'30"W.; to lat. 41°44'30"N., long. 70°34'14"W.; to lat. 41°45'17"N., long. 70°34'11"W.; to lat. 41°45'12"N., long. 70°33'59"W.; to lat. 41°46'07"N., long. 70°33'02"W.; to lat. 41°45'18"N., long. 70°31'16"W.; to lat. 41°44'37"N., long. 70°30'40"W.; to lat. 41°44'11"N., long. 70°29'38"W.; to lat. 41°43'06"N., long. 70°30'06"W.; to lat. 41°43'07"N., long. 70°30'34"W.; to lat. 41°42'45"N., long. 70°30'48"W.; to lat. 41°42'38"N., long. 70°30'31"W.; to lat. 41°41'51"N., long. 70°30'50"W.; to lat. 41°41'38"N., long. 70°31'16"W.; to lat. 41°41'20"N., long. 70°31'27"W.; to lat. 41°41'18"N., long. 70°31'24"W.; to lat. 41°41'06"N., long. 70° 3 1'52"W.; to the point of beginning.

Designated Altitudes. Surface to 9,000 feet MSL.

Time of designation. From 0600 to 1800 local time, daily, or other times as specified by NOTAM issued 48 hours in advance.

Controlling agency. FAA, Cape Approach Control.

Using agency. Commander, U.S. Army Garrison, Camp Edwards, MA.

AMENDMENTS 9/1 6/93 58 FR 39651 (Amen&d)

R–4102A Fort Devens, MA

Boundaries. Beginning at lat. 42°31'15"N., long. 71°36'28"W.; to lat. 42°31'00"N., long. 71°39'13"W.; to lat. 42°30'45"N., long. 71°39'13"W.; to lat. 42°30'15"N., long. 71°39'58"W.; to lat. 42°29'45"N., long. 71°41'13"W.; to lat. 42°28'15"N., long. 71°41'13"W.; to lat. 42°28'00"N., long. 71°39'43"W.; to lat. 42°29'45"N., long. 71°37'43"W.; thence to the point of beginning.

Designated Altitudes. Surface to but not including 2,000 feet MSL.

Time of designation. 0800 to 2200 Saturday local time; other times by NOTAM issued 24 hours in advance.

Controlling agency. FAA, Boston Approach Control.

Using agency. Director of Plans, Training and Security, Fort Devens, MA.

AMENDMENTS 9/16/93 58 FR 39651 (Amen&d)

R–4102B Fort Devens, MA

Boundaries. Beginning at lat. 42°31'15"N., long. 71°36'28"W.; to lat. 42°31'00"N., long. 71°39'13"W.; to lat. 42°30'45"N., long. 71°39'13"W.; to lat. 42°30'15"N., long. 71°39'58"W.; to lat. 42°29'45"N., long. 71°41'13"W.; to lat. 42°28'15"N., long. 71°41'13"W.; to lat. 42°28'00"N., long. 71°39'43"W.; to lat. 42°29'45"N., long. 71°37'43"W.; thence to the point of beginning.

Designated Altitudes. 2,000 feet MSL to 3,995 feet MSL.

Time of designation. 0800 to 2200 Saturday local time; other times by NOTAM issued 24 hours in advance.

Controlling agency. FAA, Boston Approach Control.

Using agency. Director of Plans, Training and Security, Fort Devens, MA.

AMENDMENTS 9/16/93 58 FR 39651 (Amended)

R–4105A No Man's Land Island, MA

Boundaries. A circular area within a 3-mile radius centered at lat. 41°15'30"N., long. 70°48'38"W.

Designated Altitudes. Surface to but not including 10,000 feet MSL.

Time of designation. Sunrise to sunset, other times by NOTAM at least 48 hours in advance.

Controlling agency. FAA, Cape Approach Control.

Using agency. U.S. Navy, Commanding Officer NAS, South Weymouth, MA. .

AMENDMENTS 9/1 6/93 58 FR 39651 (Amended)

R–4105B No Man's Land Island, MA

Boundaries. A circular area within a 3–mile radius centered at lat. 41°15'30"N., long. 70°48'38"W.

Designated Altitudes. 10,000 feet MSL to but not including 18,000 feet MSL.

Time of designation. Sunrise to sunset, other times by NOTAM at least 48 hours in advance.

Controlling agency. FAA, Cape Approach Control.

Using agency. U.S. Navy, Commanding Officer NAS, South Weymouth, MA.

AMENDMENTS 9/16/93 58 FR 39651 (Amended)

873.42 Michigan

R–4201A Camp Grayling, MI

Boundaries. Beginning at lat. 44°56'00"N., long. 84°29'00"W.; to lat. 44°47'00"N., long. 84°29'00"W.; to lat. 44°47'00"N., long. 84°39'00"W.; to lat. 44°56'00"N., long. 84°39'00"W.; to the point of beginning.

Designated Altitudes. Surface to 23,000 feet MSL.

Time of designation. 0800-l 600 local time, Tuesday-Saturday; other times by NOTAM.

Controlling agency. FAA, Minneapolis ARTCC.

Using agency. Commander, Camp Grayling, Grayling, MI.

R–4201B Camp Grayling, MI

Boundaries. Beginning at lat. 44°47'00"N., long. 84°29'00"W.; to lat. 44°41'00"N., long. 84°29'00"W.; to lat. 44° 41 'OO"N., long. 84°40'00"W.; to lat. 44" 43'00"N., long. 84°40'00"W.; to lat. 44°43'00"N., long. 84°38'00"W.; to lat. 44°47'00"N., long. 84°38'00"W.; to the point of beginning.

Designated Altitudes. Surface to 9,000 feet MSL.
Time of designation. 0001 Saturday-2359 Sunday local time; other times by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. Commander, Camp Grayling, Grayling, MI.

R-4202 Lake Margrethe, MI
Boundaries. Beginning at lat. 44°36'45"N., long. 84°51'00"W.; to lat. 44°36'45"N., long. 84°48'00"W.; to lat. 44°34'15"N., long. 84°48'00"W.; to lat. 44°34'15"N., long. 84°50'00"W.; to lat. 44°35'00"N., long. 84°5 1'00" W.; to the point of beginning.
Designated Altitudes. Surface to 8,200 feet MSL.
Time of designation. September 1 through May 31 by NOTAM 24 hours in advance; and June 1 through August 31 with specific dates to be published by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. Commander, Camp Grayling, Grayling, MI.
AMENDMENTS 7/30/87 52 FR I6832 (Amended)

R-4207 Upper Lake Huron, MI
Boundaries. Beginning at lat. 45°17'00"N., long. 83°00'00"W.; to lat. 45°20'24"N., long. 82°31'18"W.; along the United States-Canadian Border to lat. 44°31'00"N., long. 82°19'54"W.; to lat. 44°27'42"N., long. 82°47'08"W.; to the point of beginning.
Designated Altitudes. Surface to FL 450.
Time of designation. Intermittent, sunrise to sunset by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. Commander, Permanent Field Training Site Detachment, Phelps-Collins ANGB, Alpena, MI.
AMENDMENTS 2/2/95 59 FR 59134 (Amended)

§ 73.43 Minnesota

R-4301 Camp Ripley, MN
Boundaries. Beginning at lat. 46°18'54"N., long. 94°29'03"W.; thence along south bank of Crow Wing River and west bank of Mississippi River to lat. 46°10'49"N., long. 94°21'53"W.; to lat. 46°07' 11 "N., long. 94°21'53"W.; thence along the west bank of Mississippi River to lat. 46°06'22"N., long. 94°21'11"W.; to lat. 46°06'22"N., long. 94°22'16"W.; to lat. 46°06'03"N., long. 94°22'16"W.; to lat. 46°06'03"N., long. 94°26'07"W.; to lat. 46°08'00"N., long. 94°26'07"W.; to lat. 46°08'00"N., long. 94°30'01"W.; to lat. 46°18'18"N., long. 94°30'01"W.; to the point of beginning.
Designated Altitudes. Surface to 27,000 feet MSL.
Time of designation. 0730 to 2400 local times daily. Other times as specified by NOTAM issued 24 hours in advance.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. Commanding Officer, Camp Ripley, MN.

R–4305 Lake Superior, MN
Boundaries. Beginning at lat. 47°45'00"N., long. 90°00'00"W.; to lat. 47°45'00"N., long. 89°28'00"W.; to lat. 46°55'00"N., long. 89°28'01"W.; to lat. 46°55'00"N., long. 90°05'01"W.; to lat. 47°35'00"N., long. 90°05'00"W.; to the point of beginning.
Designated Altitudes. Surface to FL 450.
Time of designation. Intermittent by NOTAM, 12 hours in advance.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. USAF', Detachment 1, HQ Air Combat Command (DOSR), Offutt AFB, NE.
AMENDMENTS 2/2/95 59 FR 63245 (Revised)

§73.44 Mississippi

R–4401A Camp Shelby, MS
Boundaries. Beginning at lat. 31°12'55"N., long. 89°11'03"W.; to lat. 31°11'49"N., long. 89°00'00"W.; to lat. 31 °10'16"N., long. 88°56'34"W.; to lat. 31°09'11"N., long. 88°56'34" W.; thence southwest along Mississippi State Highway No. 15 to lat. 31°04'37"N., long. 88°59'24"W.; to lat. 31°04'37"N., long. 89°11'03"W.; to the point of beginning.
Designated Altitudes. Surface to 4,000 feet MSL.
Time of designation. As activated by NOTAM at least 24 hours in advance. NOTAMs to contain information concerning deactivation of area.
Controlling agency. FAA, Houston ARTCC.
Using agency. Adjutant General, state of Mississippi, Jackson, MS.

R–4401B Camp Shelby, MS
Boundaries. Beginning at lat. 31°12'55"N., long. 89°11'03"W.; to lat. 31°11'49"N., long. 89°00'00"W.; to lat. 31 °10'16"N., long. 88°56'34"W.; to lat. 31°09'11"N., long. 88°56'34" W.; thence southwest along Mississippi State Highway No. 15 to lat. 31°04'37"N., long. 88°59'24"W.; to lat. 31°04'37"N., long. 89°11'03"W.; to the point of beginning.
Designated Altitudes. 4,000 feet MSL to 18,000 feet MSL.
Time of designation. As activated by NOTAM at least 24 hours in advance. NOTAMs to contain information concerning deactivation of area.
Controlling agency. FAA, Houston ARTCC.
Using agency. Adjutant General, state of Mississippi, Jackson, MS.

R–4401C Camp Shelby, MS
Boundaries. Beginning at lat. 31°12'55"N., long. 89°11'03"W.; to lat. 3 1 °11'49"N., long. 89°00'00"W.; to lat. 31 °10'16"N., long. 88°56'34"W.; to lat. 31°09'11"N., long. 88°56'34" W.; thence southwest along Mississippi State Highway No. 15 to lat. 31°04'37"N., long.

88°59'24"W.; to lat. 31°04'37"N., long. 89°11'03"W.; to the point of beginning.

Designated Altitudes. 18,000 feet MSL to 29,000 feet MSL.

Time of designation. As activated by NOTAM at least 24 hours in advance. NOTAMs to contain information concerning deactivation of area.

Controlling agency. FAA, Houston ARTCC.

Using agency. Adjutant General, state of Mississippi, Jackson, MS.

R-4403 Gainesville, MS

Boundaries. Beginning at lat. 30°21'03"N., long. 89°36'53"W.; to lat. 30°22'34"N., long. 89°36'53"W.; to lat. 30°22'35"N., long. 89°34'05"W.; to lat. 30°21'04"N., long. 89°34'04"W.; to the point of beginning.

Designated Altitudes. From surface to 5,000 feet MSL.

Time of designation. Continuous.

Controlling agency. FAA, Houston ARTCC.

Using agency. Manager, Mississippi Test Operations, National Aeronautics and Space Administration, Bay St Louis, MS.

R–4404A Macon, MS

Boundaries. Beginning at lat. 33°02'39"N., long. 88°42'37"W.; to lat. 33°04'30"N., long. 88°40'18"W.; to lat. 33°03'34"N., long. 88°39'08"W.; to lat. 33°01'43"N., long. 88°41'23"W.; to the point of beginning.

Designated Altitudes. Surface to 11,500 feet MSL.

Time of designation. Intermittent, 0700-1800 local time, daily; other times by NOTAM 24 hours in advance.

Controlling agency. FAA, Memphis ARTCC.

Using agency. Commander, Training Wing One, NAS, Meridian, MS.

AMENDMENTS 7/30/87 52 FR 21250 (Amen&d)

R–4404B Macon, MS

Boundaries. A circle with a 5–nautical–mile radius centered at lat. 33°03'11"N., long. 88°40'41"W.

Designated Altitudes. From 1,200 feet AGL to 11,500 feet MSL.

Time of designation. Intermittent, 0700-1800 local time, daily; other times by NOTAM 24 hours in advance.

Controlling agency. FAA, Memphis ARTCC.

Using agency. Commander, Training Wing One, NAS, Meridian, MS.

AMENDMENTS 7/30/87 52 FR 21250 (Amended)

R–4404C Macon, MS

Boundaries. A circle with a 5–nautical–mile radius centered at lat. 33°03'11"N., long. 88°40'41"W.

Designated Altitudes. 11,500 feet MSL to 14,500 feet MSL.

Time of designation. Intermittent, 0700-1800 local time, daily; other times by NOTAM 24 hours in advance.

Controlling agency. FAA, Memphis ARTCC.

Using agency. Commander, Training Wing One, NAS, Meridian, MS.

AMENDMENTS 7/30/87 52 FR 21250 (Amended)

§ 73.45 Missouri

R–4501A Fort Leonard Wood West, MO

Boundaries. Beginning at lat. 37°41'06"N., long. 92°09'18"W.; to lat. 37°38'15"N., long. 92°09'18"W.; to lat. 37°37'35"N., long. 92°10'38"W.; to lat. 37°36'15"N., long. 92°10'38"W.; to lat. 37°36'15"N., long. 92°15'22"W.; to lat. 37°39'28"N., long. 92°15'22"W.; to lat. 37°41'07"N., long. 92°14'24"W.; to the point of beginning.

Designated Altitudes. Surface to but not including 2,200 feet MSL.

Time of designation. 0700–1 800 Monday-Saturday; other times by NOTAM issued at least 24 hours in advance.

Controlling agency. FAA, Kansas City ARTCC.

Using agency. Commanding General, Fort Leonard Wood, MO.

AMENDMENTS 5/5/88 53 FR 7353 (Amended)

R–4501B Fort Leonard Wood East, MO

Boundaries. Beginning at lat. 37°43'00"N., long. 92°06'56"W.; to lat. 37°42'11"N., long. 92°06'15"W.; to lat. 37°39'07"N., long. 92°06'18"W.; to lat. 37°38'15"N., long. 92°09'18"W.; to lat. 37°43'02"N., long. 92°09'18"W.; to the point of beginning.

Designated Altitudes. The area north of a line between lat. 37°42'51"N., long. 92°06'48"W.; and lat. 37°42'53"N., long. 92°09'18"W., surface to 1,500 feet MSL. The area south of this line, surface to 2,200 feet MSL.

Time of designation. 0700-l 800 Monday-Saturday; other times by NOTAM issued at least 24 hours in advance.

Controlling agency. FAA, Kansas City ARTCC.

Using agency. Commanding General, Fort Leonard Wood, MO.

AMENDMENTS 5/5/88 53 FR 7353 (Amended)

R–4501C Fort Leonard Wood, MO

Boundaries. Beginning at lat. 37°41 'OO"N., long. 92°16'11"W.; to lat. 37°41'26"N., long. 92°10'16"W.; to lat. 37°40'16"N., long. 92°07'06"W.; to lat. 37°38'20"N., long. 92°06'56"W.; to lat. 37°36'07"N., long. 92°10'28"W.; to lat. 37°35'22"N., long. 92°15'32"W.; to the point of beginning.

Designated Altitudes. From 2,200 feet MSL to 5,000 feet MSL.

Time of designation. 0700-l 800 Monday-Saturday; other times by NOTAM issued at least 24 hours in advance.

Controlling agency. FAA, Kansas City ARTCC.
Using agency. Commanding General, Fort Leonard Wood, MO.
AMENDMENTS 5/5/88 53 FR 7353 (Amended)

R–4501D Fort Leonard Wood, MO
Boundaries. Beginning at lat. 37°41'00"N., long. 92°16'11"W.; to lat. 37°41'26"N., long. 92°10'16"W.; to lat. 37°40'16"N., long. 92°07'06"W.; to lat. 37°38'20"N., long. 92°06'56"W.; to lat. 37°36'07"N., long. 92°10'28"W.; to lat. 37°35'22"N., long. 92°15'32"W.; to the point of beginning.
Designated Altitudes. From 5,000 feet MSL to 12,000 feet MSL.
Time of designation. 0700-l 800 Monday-Saturday; other times by NOTAM issued at least 24 hours in advance.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. Commanding General, Fort Leonard Wood, MO,
AMENDMENTS 5/5/88 53 FR 7353 (Amended)

R–4501E Fort Leonard Wood, MO
Boundaries. Beginning at lat. 37°41'00"N., long. 92°16'11"W.; to lat. 37°41'26"N., long. 92°10'16"W.; to lat. 37°40'16"N., long. 92°07'06"W.; to lat. 37°38'20"N., long. 92°06'56"W.; to lat. 37°36'07"N., long. 92°10'28"W.; to lat. 37°35'22"N., long. 92°15'32"W.; to the point of beginning.
Designated Altitudes. From 12,000 feet MSL to FL 180.
Time of designation. As specified by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. U.S. Army, Commanding General, Fort Leonard Wood, MO.
AMENDMENTS 2/12/87 51 FR 46608 (Added)

R–4501F Fort Leonard Wood, MO
Boundaries. Beginning at lat. 37°41'00"N., long. 92°09'05"W.; to lat. 37°41'00"N., long. 92°10'53"W.; to lat. 37°43'02"N., long. 92°12'11"W.; to lat. 37°43'10"N., long. 92°08'46"W.; to the point of beginning.
Designated Altitudes. Surface to 3,200 feet MSL.
Time of designation. 0700–1800 daily; other times by NOTAM issued at least 24 hours in advance.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. U.S. Army, Headquarters U.S. Army Training Center, Fort Leonard Wood, MO.
AMENDMENTS 5/5/88 53 FR 7353 (Added)

R–4501G Fort Leonard Wood, MO
Boundaries. Beginning at lat. 37°41'00"N., long. 92°10'53"W.; to lat. 37°41'00"N., long. 92°14'09"W.; to lat. 37°44'48"N., long. 92°12'20"W.; to lat. 37°44'48"N., long. 92°08'46"W.; to lat. 37°43'10"N., long. 92°08'46"W.; to lat. 37°43'02"N., long. 92°12'11"W.; to the point of beginning.
Designated Altitudes. Surface to 3,200 feet MSL.
Time of designation. By NOTAM issued at least 24 hours in advance.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. U.S. Army, Headquarters U.S. Army Training Center, Fort Leonard Wood, MO.
AMENDMENTS 5/5/88 53 FR 7353 (Added)

R–4501H Fort Leonard Wood, MO
Boundaries. Beginning at lat. 37°42'50"N., long. 92°07'21"W.; to lat. 37°44'00"N., long. 92°07'16"W.; to lat. 37°44'45"N., long. 92°05'41"W.; to lat. 37°44'50"N., long. 92°04'49"W.; to lat. 37°46'15"N., long. 92°05'31"W.; to lat. 37°47'45"N., long. 92°06'01"W.; to lat. 37°48'00"N., long. 92°06'01"W.; to lat. 37°48'00"N., long. 92°02'41"W.; thence south and along the Big Piney River and Reservation boundary to lat. 37°46'45"N., long. 92°01'41"W.; to lat. 37°42'30"N., long. 92°04'06"W.; to lat. 37°42'15"N., long. 92°06'06"W.; to the point of beginning.
Designated Altitudes. Surface to 3,200 feet MSL.
Time of designation. 1500–1600 Wednesday; other times by NOTAM.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. U.S. Army, Headquarters U.S. Army Training Center, Fort Leonard Wood, MO.
AMENDMENTS 5/5/88 53 FR 7353 (Added)

§ 73.46 Montana

§ 73.47 Nebraska

§ 73.48 Nevada

R-4802 Lone Rock, NV
Boundaries. A circular area with a 3–mile radius centered at lat. 39°52'36"N., long. 118'20'51"W.
Designated Altitudes. Surface to 8,000 feet MSL.
Time of designation. 0715 to 2330 local time, Monday-Saturday.
Using agency. U.S. Navy, Commanding Officer, Naval Air Station, Fallon, NV.
AMENDMENTS 6/1 /89 54 FR 14213 (Amended)

R–4803N Fallon, NV
Boundaries. Beginning at lat. 39°34'53"N., long. 118°59'40"W.; to lat. 39°35'48"N., long. 118°53'18"W.; to lat. 39°26'48"N., long. 118°51'07"W.; to lat. 39°30'00"N., long. 118°58'34"W.; to the point of beginning.
Designated Altitudes. Surface to 8,000 feet MSL.
Time of designation. 0715 to 2330 daily.
Controlling agency. FAA, Oakland ARTCC

Using agency. U.S. Navy, Commanding Officer, Naval Air Station, Fallon, NV
AMENDMENTS 6/1 /89 54 FR 14213 (Amended)

R–4803S Fallon, NV
Boundaries. Beginning at lat. 39°30'00"N., long. 118°58'34"W.; to lat. 39°26'48"N., long. 118°51'07"W.; to lat. 39°23'13"N., long. 118°50'14"W.; thence via the arc of a 3 NM radius circle centered at lat. 39°20'40"N., long. 118°52'19"W.; to lat. 39°20'07"N., long. 118°56'07"W.; to the point of beginning.
Designated Altitudes. Surface to FL 180.
Time of designation. 0715 to 2330 daily.
Controlling agency. FAA, Oakland ARTCC.
Using agency. U.S. Navy, Commanding Officer, Naval Air Station, Fallon, NV
AMENDMENTS 6/1 /89 54 FR 14213 (Amended)

R-4804 Twin Peaks, NV
Boundaries. A 5–nautical–mile radius circle centered at lat. 39°13'00"N., long. 118" 12'45"W.; and a 3-nautical-mile radius circle centered at lat. 39°14'15"N., long. 118°17'33"W.
Designated Altitudes. Surface to but not including FL 180 excluding that portion from 2,000 feet AGL up to 8,500 feet MSL which lies north of and 1 NM from U.S. Highway 50, between the intersection of U.S. Highway 50 with long. 118°25'33"W., and long. 118°07'33"W.
Time of designation. 0715–2330 local time, daily.
Controlling agency. FAA, Oakland ARTCC.
Using agency. U.S. Navy, Commanding Officer, Naval Air Station, Fallon, NV
AMENDMENTS 611 /89 54 FR 142 13 (Amended)

R–4806E Las Vegas, NV
Boundaries. Beginning at lat. 37°17'00"N., long. 115°18'03"W.; to lat. 37°17'00"N., long. 115°11'04"W.; to lat. 37°12'00"N., long. 115°07'03"W.; to lat. 36°48'00"N., long. 115°07'04"W.; to lat. 36°38'00"N., long. 115 ° 18'03" W.; to the point of beginning.
Designated Altitudes. 100 feet AGL to unlimited.
Time of designation. 0500-2000 daily Monday-Saturday; other times by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Air Force, Commander, Tactical Fighter Weapons Center, Nellis AFB, NV

R–4806W Las Vegas, NV
Boundaries. Beginning at lat. 37°17'00"N., long. 115°18'03"W.; to lat. 36°26'00"N., long. 115°18'03"W.; to lat. 36°26'00"N., long. 115°23'03"W.; to lat. 36°35'00"N., long. 115°37'03"W.; to lat. 36°35'00"N., long. 115°53'03"W.; to lat. 36°36'00"N., long. 115°56'03"W.; to lat. 37°06'00"N., long. 115°56'03"W.; to lat. 37°06'00"N., long. 115°35'03"W.; to lat. 37°17'00"N., long. 115°35'03"W., to the point of beginning.
Designated Altitudes. Unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC
Using agency. U.S. Air Force, Commander, Tactical Fighter Weapons Center, Nellis AFB, NV

R–4807A Tonopah, NV
Boundaries. Beginning to lat. 36°51'00"N., long. 116°33'33"W.; to lat. 37°26'30"N., long. 117°04'33"W.; to lat. 37°33'00"N., long. 117°05'41"W.; to lat. 37°53'00"N., long. 117°05'41"W.; to lat. 37°53'00"N., long. 116°55'03"W.; to lat. 37°47'00"N., long. 116°55'03"W.; to lat. 37°33'00"N., long. 116°43'03"W.; to lat. 37°33'00"N., long. 116°26'03"W.; to lat. 37°53'00"N., long. 116°26'03"W.; to lat. 37°53'00"N., long. 116°11'03"W.; to lat. 37°42'00"N., long. 116°11'03"W.; to lat. 37°42'00"N., long. 115°53'03"W.; to lat. 37°33'00"N., long. 115°53'03"W.; to lat. 37°33'00"N., long. 115°48'03"W.; to lat. 37°28'00"N., long. 115°48'03"W.; to lat. 37°28'00"N., long. 116°00'03"W.; to lat. 37° 16'00"N., long. 116°00'03"W.; to lat. 37°16'00"N., long. 116°11'03"W.; to lat. 37°20'00"N., long. 116° 11'03"W.; to lat. 37°23'00"N., long. 116°17'03"W.; to lat. 37°23'00"N., long. 116°22'03"W.; to lat. 37°21'00"N., long. 116°27'03"W.; to lat. 37°21'00"N., long. 116°34'03"W.; to lat. 37°16'00"N., long. 116°31'03"W.; to lat. 37°08'00"N., long. 116°27'03"W.; to lat. 36°55'00"N., long. 116°27'03"W.; to lat. 36°55'00"N., long. 116°33'33"W.; to the point of beginning.
Designated Altitudes. Unlimited.
Time of designation: Continuous from 0600 Monday to 1900 Friday; other times by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Air Force, Commander, Tactical Fighter Weapons Center, Nellis AFB, NV
AMENDMENTS 7/20/95 60 FR 20625 (Amended)

R–4807B Tonopah, NV
Boundaries. Beginning to lat. 37 ° 16'00"N., long. 116°11'03"W.; to lat. 37°20'00"N., long. 116°11'03"W.; to lat. 37°23'00"N., long. 116°17'03"W.; to lat. 37°23'00"N., long. 116°22'03"W.; to lat. 37°21'00"N., long. 116°27'03"W.; to lat. 37°21'00"N., long. 116°34'03"W.; to lat. 37°16'00"N., long. 116°31'03"W.; to the point of beginning.
Designated Altitudes. Unlimited.

Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Air Force, Commander, Tactical Fighter Weapons Center, Nellis AFB, NV
AMENDMENTS 12/13/90 55 FR 43091 (Added)

R–4808N Las Vegas, NV
Boundaries. Beginning at lat. 36°41'00"N., long. 115°56'03"W.; to lat. 36°41'00"N., long. 116°14'48"W.; to lat. 36°46'00"N., long. 116°26'33"W.; to lat. 36°51'00"N., long. 116°26'33"W.; to lat. 36°51'00"N., long. 116°33'33"W.; to lat. 36°55'00"N., long. 116°33'33"W.; to lat. 36°55'00"N., long. 116°27'03"W.; to lat. 37°08'00"N., long. 116°27'03"W.; to lat. 37°16'00"N., long. 116°31'03"W.; to lat. 37°16'00"N., long. 116°00'03"W.; to lat. 37°28'00"N., long. 116°00'03"W.; to lat. 37°28'00"N., long. 115°35'03"W.; to lat. 37°06'00"N., long. 115°35'03"W.; to lat. 37°06'00"N., long. 115°56'03"W.; to the point of beginning.
Designated Altitudes. Unlimited.
Time of designation. Continuous.
Using agency. Manager, Nevada Operations Office, United States Department of Energy, Las Vegas, NV
AMENDMENTS 7/20/95 60 FR 20625 (Amended)

R–4808S Las Vegas, NV
Boundaries. Beginning at lat. 36°46'00"N., long. 116°26'33"W.; to lat. 36°41'00"N., long. 116°14'48"W.; to lat. 36°41'00"N., long. 116°26'33'W.; to the point of beginning.
Designated Altitudes. Unlimited.
Time of designation. Continuous.
C&trolling agency. FAA, Los Angeles ARTCC.
Using agency. Manager, Nevada Operations Office, United States Department of Energy, Las Vegas, NV

R-4809 Tonopah, NV
Boundaries. Beginning at lat. 37°53'00"N., long. 116°26'03"W.; to lat. 37°33'00"N., long. 116°26'03"W.; to lat. 37°33'00"N., long. 116°43'03"W.; to lat. 37°47'00"N., long. 116°55'03"W.; to lat. 37°53'00"N., long. 116°55'03"W.; to the point of beginning.
Designated Altitudes. Unlimited.
Time of designation. Continuous.
Using agency. Department of Energy, Albuquerque Operations Office, NM.
AMENDMENTS 6/4/87 52 FR 10560 (Amended)

R-4810 Desert Mountains, NV
Boundaries. A 5 NM radius circle centered at lat. 39°10'00"N., long. 118°37'34"W.; and a 3 NM radius circle centered at lat. 39°09'15"N., long. 118°42'24"W.
Designated Altitudes. Surface to and including 17,000 feet MSL.
Time of designation. 0715 to 2330 local time daily.
Controlling agency. FAA, Oakland ARTCC.
Using agency. U.S. Navy, Commanding Officer, Naval Air Station, Fallon, NV
AMENDMENTS 6/1/89 54 FR 14213 (Amended)

R-4811 Hawthorne, NV
Boundaries. A 1 1/2 NM radius circle centered at lat. 38°14'45"N., long. 118°38'18"W.
Designated Altitudes. Surface to 15,000 feet MSL.
Time of designation. 0800 to 1500 local time, Monday-Friday.
Using agency. Commander, Hawthorne Army Ammunition Plant, Hawthorne, NV.

R-4812 Sand Springs, NV
Boundaries. That area within 5 NM either side of a line extending from lat. 39°10'00"N., long. 118°37'34"W.; to lat. 39°13'00"N., long. 118" 12'45"W.; and bounded on the east by R-4804 and bounded on the west by R-4810.
Designated Altitudes. Surface to but not including FL 180 excluding that portion from 2,000 feet AGL up to 8,500 feet MSL which lies north of and 1 NM from U.S. Highway 50, between the intersections of U.S. Highway 50 with long. 118°25'33"W., and long. 118°07'33"W.
Time of designation. 07 15-2330 local time, daily.
Controlling agency. FAA, Oakland ARTCC.
Using agency. U.S. Navy, Commanding Officer, Naval Air Station, Fallon, NV
AMENDMENTS 6/1 /89 54 FR 14213 (Amended)

R–4813 Carson Sink, NV
Boundaries. Beginning at lat. 39°51'00"N., long. 118°38'04"W.; to lat. 40°01'00"N., long. 118°15'04"W.; to lat. 40°01'00"N., long. 118°01'03"W.; to lat. 39°58'00"N., long. 118°01'03"W.; to lat. 39°38'00"N., long. 118°17'03"W.; thence via the arc of a 15 NM radius circle centered at lat. 39°52'36"N., long. 118°20'31"W.; to lat. 39°45'50"N., long. 118°38'04"W.; thence to the point of beginning.
Designated Altitudes. Surface to but not including FL 180.
Time of designation. 0715 to 2330 local time daily.
Controlling agency. FAA, Oakland ARTCC.
Using agency. U.S. Navy, Commanding Officer, Naval Air Station, Fallon, NV.
AMENDMENTS 6/1 /89 54 FR 14213 (Amended)

R–4816N Dixie Valley, NV
Boundaries. Beginning at lat. 39°51'OO"N., long. 118°00'03"W.; to lat. 39°51'00"N., long. 117°31'03"W.; to lat. 39°34'00"N., long. 117°39'33"W.; to lat.

39°34'00"N., long. 118°12'33"W.; to the point of beginning.
Designated Altitudes. 1,500 feet AGL to but not including FL 180.
Time of designation. 0715–2330 local time, daily.
Controlling agency. FAA, Oakland ARTCC.
Using agency. Commanding Officer, Naval Air Station, Fallon, NV
AMENDMENTS 1 I I 4/88 52 FR 44382 (Amended)

R–4816S Dixie Valley, NV
Boundaries. Beginning at lat. 39°17'00"N., long. 118°21'03"W.; to lat. 39°30'00"N., long. 118°15'33"W.; to lat. 39°34'00"N., long. 118°12'33"W.; to lat. 39°34'00"N., long. 117°39'33"W.; thence via a line 1 NM north of U.S. Highway 50; to the point of beginning.
Designated Altitudes. 500 feet AGL to but not including FL 180.
Time of designation. 0715-2330 local time, daily.
Controlling agency. FAA, Oakland ARTCC.
Using agency. Commanding Officer, Naval Air Station, Fallon, NV.
AMENDMENTS 8/25/88 53 FR 24254 (Amended)

§ 73.49 New Hampshire

§ 73.50 **New Jersey**

R-5001A Fort Dix, NJ
Boundaries. Beginning at lat. 40°02'45"N., long. 74°27'00"W.; to lat. 40°00'00"N., long. 74°26'19"W.; to lat. 39°59'00"N., long. 74°25'07"W.; to lat. 39°58'00"N., long. 74°24'59"W.; to lat. 39°57'30"N., long. 74°25'16"W.; to lat. 39°57'23"N., long. 74°25'49"W.; to lat. 39°58'45"N., long. 74°27'59"W.; to lat. 39°58'45"N., long. 74°31'24"W.; to lat. 39°59'15"N., long. 74°33'29"W.; to lat. 40°01'53"N., long. 74°33'29"W.; to lat. 40°02'45"N., long. 74°32'29"W.; to the point of beginning.
Designated Altitudes. Surface to and including 4,000 feet MSL.
Time of designation. 0600 to 2330 local time, daily; other times by NOTAM issued one hour in advance.
Controlling agency. FAA, New York ARTCC.
Using agency. Commanding General, Fort Dix, NJ.

R-5001B Fort Dix, NJ
Boundaries. Beginning at lat.- 40°02'45"N., long. 74°26'59"W.; to lat. 40°00'00"N., long. 74°26'19"W.; to lat. 39°59'00"N., long. 74°25'07"W.; to lat. 39°58'00"N., long. 74°24'59"W.; to lat. 39°57'30"N., long. 74°25'16"W.; to lat. 39°57'23"N., long. 74°25'49"W.; to lat. 39°58'45"N., long. 74°27'59"W.; to lat. 39°58'45"N., long. 74°31'24"W.; to lat. 40°01'53"N., long. 74°33'29"W.; to lat. 40°02'45"N., long. 74°32'29"W.; to the point of beginning.
Designated Altitudes. From 4,000 feet MSL to and including 8,000 feet MSL.
Time of designation. Continuous, sunrise Friday to sunset Sunday, other times by NOTAM, 48 hours in advance.
Controlling agency. FAA, New York ARTCC.
Using agency. Commanding General, Fort Dix, NJ.

R-5002A Warren Grove, NJ
Boundaries. Beginning at lat. 39°43'25"N., long. 74°17'36"W.; to lat. 39°38'25"N., long. 74°24'19"W.; to lat. 39°38'30"N., long. 74°29'29"W.; to lat. 39°39'20"N., long. 74°29'59"W.; to lat. 39°44'50"N., long. 74°24'39"W.; to lat. 39°44'50"N., long. 74°19'19"W.; to the point of beginning.
Designated Altitudes. Surface to 14,000 feet MSL.
Time of designation. Sunrise to sunset, other times as activated by NOTAM issued at least 48 hours in advance.
Controlling agency. FAA, New York ARTCC.
Using agency. Commander, 108th Tactical Fighter Wing, New Jersey Air National Guard, McGuire AFB, NJ.

R–5002B Warren Grove, NJ
Boundaries. Beginning at lat. 39°41'OO"N., long. 74°20'51"W.; to lat. 39°40'10"N., long. 74°20'14"W.; to lat. 39°38'50"N., long. 74°21'19"W.; to lat. 39°36'00"N., long. 74°26'29"W.; to lat. 39°36'00"N., long. 74°27'29"W.; to lat. 39°37'00"N., long. 74°28'49"W.; to lat. 39°38'30"N., long. 74°29'29"W.; to lat. 39°38'25"N., long. 74°24'19"W.; to the point of beginning.
Designated Altitudes. 1,000 feet MSL to 14,000 feet MSL.
Time of designation. Sunrise to sunset, other times as activated by NOTAM issued at least 48 hours in advance.
Controlling agency. FAA, New York ARTCC.
Using agency. Commander, 108th Tactical Fighter Wing, New Jersey Air National Guard, McGuire AFB, NJ.

R–5002C Warren Grove, NJ
Boundaries. Beginning at lat. 39°39'20"N., long. 74°29'59"W.; to lat. 39°40'30"N., long. 74°30'39"W.; to lat. 39°44'50"N., long. 74°27'29"W.; to lat. 39°44'50"N., long. 74°24'39"W.; to the point of beginning.
Designated Altitudes. Surface to 3,000 feet MSL.
Time of designation. Sunrise to sunset, other times as activated by NOTAM issued at least 48 hours in advance.
Controlling agency. FAA, New York ARTCC.
Using agency. Commander, 108th Tactical Fighter Wing, New Jersey Air National Guard, McGuire AFB, NJ.

R-5002D Warren Grove, NJ
Boundaries. Beginning at lat. 39°44'50"N., long. 74°24'39"W.; to lat. 39°45'20"N., long. 74°23'44"W.; to

lat. 39°45'50"N., long. 74° 19'59"W.; to lat. 39°44'50"N., long. 74°19'19"W.; to the point of beginning.
Designated Altitudes. Surface to 4,000 feet MSL.
Time of designation. Sunrise to sunset, other times as activated by NOTAM issued at least 48 hours in advance.
Controlling agency. FAA, New York ARTCC.
Using agency. Commander, 108th Tactical Fighter Wing, New Jersey Air National Guard, McGuire AFB, NJ.

R-5002E Warren Grove, NJ
Boundaries. Beginning at lat. 39°43'25"N., long. 74° 17'36"W.; to lat. 39°41'00"N., long. 74°20'51"W.; to lat. 39°40'10"N., long. 74°20'14"W.; to the point of beginning.
Designated Altitudes. 3,500 feet MSL to 14,000 feet MSL.
Time of designation. Sunrise to sunset, other times as activated by NOTAM issued at least 48 hours in advance.
Controlling agency. FAA, New York ARTCC.
Using agency. Commander, 108th Tactical Fighter Wing, New Jersey Air National Guard, McGuire AFB, NJ.

§ 73.51 New Mexico

R-5101 Los Alamos, NM
Boundaries. Beginning at lat. 35°47'00"N., long. 106°14'50"W.; to lat. 35°50'03"N., long. 106°21'38"W.; to lat. 35°52'22"N., long. 106°20'44"W.; to lat. 35°52'52"N., long. 106°16'50"W.; to lat. 35°52'30"N., long. 106°14'50"W.; to the point of beginning.
Designated Altitudes. Surface to 12,000 feet MSL.
Time of designation. Continuous.
Using agency. Manager, Energy Research and Development Administration, Los Alamos, NM.

R-5103A McGregor, NM
Boundaries. Beginning at lat. 32° 15'00"N., long. 106°10'02"W.; to lat. 32°15'00"N., long. 105°42'02"W.; to lat. 32°00'15"N., long. 105°56'42"W.; to lat. 32°00'30"N., long. 106°10'27"W.; to lat. 32°05'20"N., long. 106°09'22"W.; to lat. 32°06'00"N., long. 106°15'32"W.; thence along the Southern Pacific Railroad to the point of beginning.
Designated Altitudes. Surface to, but not including, FL 180.
Time of designation. 0700–2000 local time, Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, Fort Bliss, TX
AMENDMENTS 2/2/95 59 FR 55030 (Amended)

R-5103B McGregor, NM
Boundaries. Beginning at lat. 32°45'00"N., long. 105°59'02"W.; to lat. 32°45'00"N., long. 105°52'22"W.; to lat. 32°33'20"N., long. 105°30'02"W.; to lat. 32°26'20"N., long. 105°30'02"W.; to lat. 32°15'00"N., long. 105°42'02"W.; to lat. 32°15'00"N., long. 106°10'02"W.; thence along the Southern Pacific Railroad to lat. 32°28'00"N., long. 106°02'02"W.; to lat. 32°27'40"N., long. 106°00'02"W.; to lat. 32°36'00"N., long. 106°00'02"W.; from the surface to 12,500 feet MSL; to the point of beginning excluding that airspace within a 2 NM radius of lat. 32°39'02"N., long. 105°40'36"W.; from the surface to 1,500 feet above the surface and also excluding that airspace beginning at lat. 32°42'49"N., long. 105°48'12"W.; to lat. 32°40'47"N., long. 105°49'40"W.; to lat. 32°39'42"N., long. 105°47'44"W.; to lat. 32°41'48"N., long. 105°46'14"W.; to the point of beginning from the surface to 1,500 feet above the surface.
Designated Altitudes. Surface to 12,500 feet MSL.
Time of designation. 0700–2000 local time, Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, Fort Bliss, TX.
AMENDMENTS 2/2/95 59 FR 55030 (Amended)

R–5103C McGregor, NM
Boundaries. Beginning at lat. 32°45'00"N., long. 105°59'02"W.; to lat. 32°45'00"N., long. 105°52'22"W.; to lat. 32°33'20"N., long. 105°30'02"W.; to lat. 32°26'20"N., long. 105°30'02"W.; to lat. 32" 15'00"N., long. 105°42'02"W.; to lat. 32°15'00"N., long. 106°10'02"W.; thence along the Southern Pacific Railroad to lat. 32°28'00"N., long. 106°02'02"W.; to lat. 32°27'40"N., long. 106°00'02"W.; to lat. 32°36'00"N., long. 106°00'02"W.; to the point of beginning from 12,500 feet MSL to unlimited.
Designated Altitudes. 12,500 feet MSL to unlimited.
Time of designation. 0700-2000 local time, Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, Fort Bliss, TX.
AMENDMENTS 2/2/95 59 FR 55030 (Amended)

R–5103D McGregor, NM
Boundaries. Beginning at lat. 32°15'00"N., long. 106°10'02"W.; to lat. 32°15'00"N., long. 105°42'02"W.; to lat. 32°03'30"N., long. 105°53'29"W.; to lat. 32°03'55"N., long. 106°09'41 "W.; to lat. 32°05'20"N., long. 106°09'22"W.; to lat. 32°06'00"N., long. 106° 15'32"W.; thence along the Southern Pacific Railroad to the point of beginning.
Designated Altitudes. FL 180 and above.
Time of designation. 0700-2000 local time, Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, Fort Bliss, TX.

AMENDMENTS 2/2/95 59 FR 55030 (Amended)

R–5104A Melrose, NM
Boundaries. Beginning at lat. 34°28'00"N., long. 103°43'17"W.; to lat. 34°25'25"N., long. 103°40'02"W.; to lat. 34°14'30"N., long. 103°40'02"W.; to lat. 34° 10'00"N., long. 103°46'02"W.; to lat. 34°10'00"N., long. 103°55'02"W.; to lat. 34°28'00"N., long. 103°55'02"W.; to the point of beginning.
Designated Altitudes. Surface to but not including 18,000 feet MSL.
Time of designation. 0800–2400 local time daily; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commander, Cannon AFB, NM.
AMENDMENTS 8/23/90 55 FR 28604 (Amended)

R–5104B Melrose, NM
Boundaries. Beginning at lat. 34°28'00"N., long. 103°43'17"W.; to lat. 34°25'25"N., long. 103°40'02"W.; to lat. 34°14'30"N., long. 103°40'02"W.; to lat. 34° 10'00"N., long. 103°46'02"W.; to lat. 34" 10'00"N., long. 103°55'02"W.; to lat. 34°28'00"N., long. 103°55'02"W.; to the point of beginning.
Designated Altitudes. 18,000 feet MSL to 23,000 feet MSL.
Time of designation. 0800–2400 local time daily; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commander, Cannon AFB, NM.
AMENDMENTS 3/8/90 55 FR 610 (Amended)

R-5105 Melrose, NM
Boundaries. Beginning at lat. 34°39'00"N., long. 103°55'02"W.; to lat. 34°39'00"N., long. 103°40'02"W.; to lat. 34°25'25"N., long. 103°40'02"W.; to lat. 34°28'00"N., long. 103°43'17"W.; to lat. 34°28'00"N., long. 103°55'02"W.; to the point of beginning.
Designated Altitudes. Surface to 10,000 feet MSL.
Time of designation. 0800–2400 local time daily; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commander, Cannon AFB, NM.
AMENDMENTS 3/8/90 55 FR 610 (Amended)

R-5107A White Sands Missile Range, NM
Boundaries. Beginning at lat. 32°23'18"N., long. 106°07'05"W.; to lat. 32°05'00"N., long. 106°18'22"W.; to lat. 32°05'00"N., long. 106°29'02"W.; to lat. 32°06'20"N., long. 106°34'02"W.; to lat. 32° 18'00"N., long. 106°34'02"W.; to lat. 32°18'00"N., long. 106°39'02"W.; to lat. 32°19'30"N., long. 106°39'32"W.; to lat. 32°19'30"N., long. 106°20'38"W.; to lat. 32°24'48"N., long. 106°09'02"W.; to the point of beginning.
Designated Altitudes. Surface to unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, Fort Bliss, TX.

R–5107B White Sands Missile Range, NM
Boundaries. Beginning at lat. 33°44'45"N., long. 106°04'02"W.; to lat. 32°50'00"N., long. 106°04'02"W.; to lat. 32°36'00"N., long. 106°06'02"W.; to lat. 32°25'00"N., long. 106°06'02"W.; to lat. 32°23' 18"N., long. 106°07'05"W.; to lat. 32°24'48"N., long. 106°09'02"W.; to lat. 32°19'30"N., long. 106°20'38"W.; to lat. 32°19'30"N., long. 106°39'32"W.; to lat. 33°13'00"N., long. 106°52'02"W.; to lat. 33°49'45"N., long. 106°45'22"W.; to lat. 33°49'30"N., long. 106°16'32"W.; thence along the south side of U.S. Highway 380 to the point of beginning; excluding the airspace in R–5107D, R–5107F, and R-5 107G; and that airspace from the surface to and including 1,500 feet above the surface within a 2-nautical-mile radius of lat. 32°26'35"N., long. 106°40'47"W., to lat. 32°30'00"N., long. 106°41'12"W.; and lat. 32°23'49"N., long. 106°41'29"W.
Designated Altitudes. Surface to unlimited.
Time of designation. Continuous.
Using agency. Deputy for Air Force, White Sands Missile Range, NM 88002.

R–5107C White Sands Missile Range, NM
Boundaries. Beginning at lat. *34"* 17'00"N., long. 106°04'02"W.; to lat. 33°44'45"N., long. 106°04'02"W.; thence along the south side of U.S. Highway 380 to lat. 33°49'30"N., long. 106° 16'32"W.; to lat. 33°49'45"N., long. 106°45'22"W.; to lat. 34°15'45"N., long. 106°40'32"W.; to lat. 34°17'00"N., long. 106°12'02"W; to the point of beginning.
Designated Altitudes. 9,000 feet MSL to unlimited.
Time of designation. Continuous Monday-Friday. Other times as activated by NOTAM issued at least 12 hours in advance.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, White Sands Missile Range, NM 88002.
AMENDMENTS 5/25/95 60 FR 15229 (Amended)

R–5107D White Sands Missile Range, NM
Boundaries. Beginning at lat. 33°34'00"N., long. 106°04'02"W.; to lat. 33°04'00"N., long. 106°21'02"W.; to lat. 32°34'00"N., long. 106°15'02"W.; to lat. 32°34'00"N., long. 106°06'02"W.; to lat. 32°36'00"N.,

long. 106°06'02"W.; to lat. 32°50'00"N., long. 106°04'02"W.; to the point of beginning.
Designated Altitudes. Surface to 22,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Albuquerque ARTCC,
Using agency. Commanding General, White Sands Missile Range, NM 88002.
AMENDMENTS 5/25/95 60 FR 15229 (Amen&d)

R-5107E White Sands Missile Range, NM
Boundaries. From the point where an arc of a 19 NM radius centered at lat. 33°45'00"N., long. 106°26'32"W., intersects the western boundary of R–5107C, to lat. 33°54'00"N., long. 106°46'32"W.; to lat. 33°32'45"N., long. 106°58'47"W.; to lat. 33°26'50"N., long. 107°00'02"W.; to lat. 33°35'00"N., long. 106°48'02"W.; to the point of beginning.
Designated Altitudes. Surface to unlimited.
Time of designation. As published by NOTAM at least 12 hours in advance.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, White Sands Missile Range, NM 88002.
AMENDMENTS 5/25/95 60 FR 15229 (Amended)

R-5107F White Sands Missile Range, NM
Boundaries. Beginning at lat. 33°10'10"N., long. 107" 10'57"W.; to lat. 33°20'30"N., long. 107°08'22"W.; to lat. 33°16'10"N., long. 106°51'42"W.; to lat. 33°05'30"N., long. 106°04'02"W.; to lat. 33°00'00"N., long. 105°27'02"W.; to lat. 32°45'00"N., long. 105°27'02"W.; to lat. 32°45'00"N., long. 105°49'02"W.; to lat. 32°50'30"N., long. 106°04'02"W.; to lat. 33°05'00"N., long. 106°50'22"W.; to the point of beginning.
Designated Altitudes. From FL 240 to FL 450.
Time of designation. 0001 Monday through 2359 Friday, other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, White Sands Missile Range, NM 88002.
AMENDMENTS 5/25/95 60 FR 15229 (Amended)

R-51076 White Sands Missile Range, NM
Boundaries. Beginning at lat. 33°11'40"N., long. 107° 10'27"W.; to lat. 33°21'00"N., long. 107°08'02"W.; to lat. 33°22'55"N., long. 107°05'52"W.; to lat. 33°25'20"N., long, 105°27'02"W.; to lat. 33°14'00"N., long. 105°27'02"W.; to the point of beginning.
Designated Altitudes. From FL 240 to FL 450.
Time of designation. 0001 Monday through 2359 Friday, other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, White Sands Missile Range, NM 88002.
AMENDMENTS 5/25/95 60 FR 15229 (Amended)

R–5107H White Sands Missile Range, NM
Boundaries. Beginning at lat. 34° 17'00"N., long. 106°04'02"W.; to lat. 33°52'30"N., long. 106°04'02"W.; to lat. 33°52'30"N., long. 106°25'12"W.; to lat. 33°49'45"N., long. 106°25'12"W.; to lat. 33°49'45"N., long. 106°45'22"W.; to lat. 34° 15'45"N., long. 106°40'32"W.; to lat. 34°17'00"N., long. 106°12'02"W.; to the point of beginning.
Designated Altitudes. Surface to and including 9,000 feet MSL.
Time of designation. As published in NOTAM's at least 12 hours in advance.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, White Sands Missile Range, NM 88002.
AMENDMENTS 5/25/95 60 FR 15229 (Amended)

R-5107 J White Sands Missile Range, NM
Boundaries. Beginning at lat. 33°52'30"N., long. 106°04'02"W.; to lat. 33°44'45"N., long. 106°04'02"W.; thence along the south side of U.S. Highway 380; to lat. 33°49'30"N., long. 106°16'32"W.; to lat. 33°49'45"N., long. 106°25'12"W.; to lat. 33°52'30"N., long. 106°25'12"W.; to the point of beginning.
Designated Altitudes. Surface to and including 9,000 feet MSL.
Time of designation. Continuous, Monday-Friday. Other times as activated by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Deputy for Air Force, White Sands Missile Range, NM 88002.

R–5109A White Sands Missile Range, NM
Boundaries. Beginning at lat. 33°31'30"N., long. 105°27'02"W.; to lat. 32°45'00"N., long. 105°27'02"W.; to lat. 32°45'00"N., long. 105°59'02"W.; to lat. 32°36'00"N., long. 106°00'02"W.; to lat. 32°36'00"N., long. 106°06'02"W.; to lat. 32°50'00"N., long. 106°04'02"W.; to lat. 33°44'10"N., long. 106°04'02"W.; to the point of beginning, excluding the airspace in Restricted Areas R-5 107F and R-5 107G.
Designated Altitudes. From 24,000 feet MSL to unlimited.
Time of designation. Intermittent by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, White Sands Missile Range, NM 88002.
AMENDMENTS 5/25/95 60 FR 15229 (Amended)

R-5109B White Sands Missile Range, NM
Boundaries. Beginning at lat. 34°17'00"N., long. 106°04'02"W.; to lat. 34°17'00"N., long. 105°51'02"W.; to lat. 33°57'00"N., long. 105°27'02"W.; to lat. 33°31'30"N., long. 105°27'02"W.; to lat. 33°44'10"N., long. 106°04'02"W.; to the point of beginning.
Designated Altitudes. From 24,000 feet MSL to unlimited.
Time of designation. Intermittent by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, White Sands Missile Range, NM 88002.
AMENDMENTS 5/25/95 60 FR 15229 (Amended)

R-5111A Elephant Butte, NM
Boundaries. Beginning at lat. 32°43'00"N., long. 106°45'02"W.; to lat. 32°45'45"N., long. 106°57'02"W.; to lat. 32°52'00"N., long. 107°00'02"W.; to lat. 33°26'50"N., long. 107°00'02"W.; to lat. 33°35'00"N., long. 106°48'02"W.; to lat. 33°13'00"N., long. 106°52'02"W.; to the point of beginning, excluding the airspace in R-5107F and R-5107G.
Designated Altitudes. 13,000 feet MSL to unlimited.
Time of designation. As published by NOTAM at least 12 hours in advance,
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, White Sands Missile Range, NM 88002.
AMENDMENTS 5/25/95 60 FR 15229 (Amended)

R-5111B Elephant Butte, NM
Boundaries. Beginning at lat. 32°43'00"N., long. 106°45'02"W.; to lat. 32°45'45"N., long. 106°57'02"W.; to lat. 32°52'00"N., long. 107°00'02"W.; to lat. 33°26'50"N., long. 107°00'02"W.; to lat. 33°35'00"N., long. 106°48'02"W.; to lat. 33°13'00"N., long. 106°52'02"W.; to the point of beginning.
Designated Altitudes. Surface to 13,000 feet MSL.
Time of designation. As published by NOTAM at least 12 hours in advance.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, White Sands Missile Range, NM 88002.
AMENDMENTS 5/25/95 60 FR 15229 (Amen&d)

R-5111C Elephant Butte, NM
Boundaries. Beginning at lat. 32°45'45"N., long. 106°57'02"W.; to lat. 32°47'00"N., long. 107°06'02"W.; to lat. 33°00'00"N., long. 107°13'02"W.; to lat. 33°21'00"N., long. 107°08'02"W.; to lat. 33°26'50"N., long. 107°00'02"W.; to lat. 32°52'00"N., long. 107°00'02"W.; to the point of beginning, excluding the airspace in R-5107F and R-5107G.
Designated Altitudes. 13,000 feet MSL to unlimited.
Times of designation. As published by NOTAM at least 12 hours in advance.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, White Sands Missile Range, NM 88002.
AMENDMENTS 5/25/95 60 FR 15229 (Amended)

R-5111D Elephant Butte, NM
Boundaries. Beginning at lat. 32°45'45"N., long. 106°57'02"W.; to lat. 32°47'00"N., long. 107°06'02"W.; to lat. 33°00'00"N., long. 107°13'02"W.; to lat. 33°21'00"N., long. 107°08'02"W.; to lat. 33°26'50"N., long. 107°00'02"W.; to lat. 32°52'00"N., long. 107°00'02"W.; to the point of beginning.
Designated Altitudes. Surface to but not including 13,000 feet MSL.
Times of designation. As published by NOTAM at least 12 hours in advance.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Deputy for United States Air Force White Sands Missile Range, NM 88002.
AMENDMENTS 2/2/95 59 FR 63885 (Added)

R-5113 Socorro, NM
Boundaries. Beginning at lat. 34°00'00"N., long. 107°07'32"W.; to lat. 33°55'30"N., long. 107°07'32"W.; to lat. 33°55'30"N., long. 107°12'32"W.; to lat. 34°00'00"N., long. 107°12'32"W.; to the point of beginning.
Designated Altitudes. Surface to 45,000 feet MSL.
Time of designation. From 0900 to 1900 local time, daily June 1 through September 30, annually.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. U. S. Navy, Office of Naval Research, Atmospheric Sciences.

R-5115 Deming, NM
Boundaries. A 2-mile radius centered at lat. 32°01'07"N., long. 107°51'54"W.
Designated Altitudes. Surface to 15,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. United States Customs Service.
AMENDMENTS 8/25/88 53 FR 23221 (Added)

§ 73.52 New York

R-5201 Fort Drum, NY
Boundaries. Beginning at lat. 44°01'05"N., long. 75°37'14"W.; to lat. 44°03'20"N., long. 75°40'49"W.; to lat. 44°06'55"N., long. 75°42'09"W.; to lat. 44°10'50"N., long. 75°38'59"W.; to lat. 44°16'07"N., long. 75°32'41"W.; to lat. 44°11'24"N., long. 75°22'59"W.; to

lat. 44°07'10"N., long. 75°26'49"W.; thence to point of beginning.

Designated Altitudes. Surface to 23,000 feet MSL, April 1 through September 30; surface to 20,000 feet MSL, October 1 through March 31.

Time of designation. Continuous April 1 through September 30 and 0600 through 1800 hours local time, October 1 through March 3 1; other times by NOTAM 48 hours in advance,

Controlling agency. FAA, Boston ARTCC.

Using agency. Commanding Officer, Fort Drum, NY.

AMENDMENTS 5/5/88 53 FR 8175 (Amen&d)

R-5202 Gardiner's Island, NY

Boundaries. A circular area with a 3–nautical–mile radius centered at lat. 41°08'30"N., long. 72°08'48"W.

Designated Altitudes. Surface to 10,000 feet MSL, inclusive.

Time of designation. By NOTAM issued 24 hours in advance.

Controlling agency. FAA, Providence Approach Control.

Using agency. Naval Plant Representative Office, Grumman Aerospace Corporation, Bethpage, NY.

AMENDMENTS 9/1 6/93 58 FR 39651 (Amen&d)

R-5203 Oswego, NY

Boundaries. Beginning at lat. 43 °37'00"N., long. 76°44'59"W.; to lat. 43°24'00"N., long. 76°44'59"W.; to lat. 43°24'00"N., long. 77°59'59"W.; to lat. 43°37'00"N., long. 77°59'59"W.; to the point of beginning.

Designated Altitudes. Surface to FL 500.

Time of designation. By NOTAM 24 hours in advance.

Controlling agency. FAA, Cleveland ARTCC.

Using agency. 24th Air Division/DOTS, Griffiss AFB, NY.

AMENDMENTS 9124187 52 FR 27790 (Amen&d)

R-5206 West Point, NY

Boundaries. Beginning at lat. 41 °23'08"N., long. 73°59'59"W.; to lat. 41°23'08"N., long. 73°59'41"W.; thence along south side of U.S. Highway 9W to lat. 41°22'32"N., long. 73°58'57"W.; to lat. 41°22'18"N., long. 73°58'57"W.; to lat. 41°20'04"N., long. 74°00'41"W.; thence along north side of Mine Tome Road to lat. 41°21'24"N., long. 74°02'37"W.; thence along east side of New York State Highway 293 to the point of beginning.

Designated Altitudes. Surface to and including 5,000 feet MSL.

Time of designation. 0600 to 2400 local, July 1 to August 3 1, other dates and times by NOTAM 48 hours in advance.

Controlling agency. FAA, New York Approach Control.

Using agency. Superintendent, U. S. Military Academy, West Point, NY.

AMENDMENTS 2/7/91 55 FR 51408 (Amended)

R-5207 Romulus, NY

Boundaries. A circular area with a radius of 1,350 feet centered at lat. 42°46'59"N., long. 76°53'05"W.

Designated Altitudes. Surface to 2,000 feet MSL.

Time of designation. 0730 to 1600 local time, Monday-Friday.

Using agency. Commanding Officer, Seneca Army Depot, Romulus, NY.

§ 73.53 North Carolina

R-5301 Albemarle Sound, NC

Boundaries. Beginning at lat. 36°04'56"N., long. 76°16'47"W.; to lat. 36°04'23"N., long, 76°20'59"W.; to lat. 36°06'58"N., long. 76°20'58"W.; thence clockwise via a 3–nautical–mile arc centered at lat. 36°04'01"N., long. 76°20' 19"W.; to the point of beginning.

Designated Altitudes. Surface to 14,000 feet MSL.

Time of designation. Continuous.

Controlling agency. FAA, Washington ARTCC

Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility (FACSFAC VACAPES), NAS Oceana, Virginia Beach, VA

AMENDMENTS 5/3/90 55 FR 11897 (Added)

R-5302A Harvey Point, NC

Boundaries. Beginning at lat. 36'01'21 "N., long. 76°14'29"W.; to lat. 36°02'19"N., long. 76°07'14"W.; to lat. 36°00'01"N., long. 76°07'14"W.; to lat. 36°00'01"N., long. 76° 14'29"W.; to the point of beginning.

Designated Altitudes. Surface to 14,000 feet MSL.

Time of designation. By NOTAM at least 24 hours in advance.

Controlling agency. FAA, Washington ARTCC,

Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility (FACSFAC VACAPES), NAS Oceana, Virginia Beach, VA.

AMENDMENTS 5/3/90 55 FR 11897 (Added)

R–5302B Harvey Point, NC

Boundaries. Beginning at lat. 36°04'59"N., long. 76° 16'29"W.; to lat. 36'04'01 "N., long. 76°05'59"W.; to lat. 36°00'01"N., long. 76°05'59"W.; to lat. 36°00'01"N., long. 76°12'59"W.; to lat. 36°00'04"N., long. 76°24' 17" W.; thence clockwise via a 4–nautical–mile arc centered at lat. 36°02'01"N., long. 76°19'59"W.; to lat. 36°03'56"N., long. 76°24'18"W.; to the point of beginning.

Designated Altitudes. 100 feet AGL to 14,000 feet MSL.

Time of designation. By NOTAM at least 24 hours in advance.
Controlling agency. FAA, Washington ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility (FACSFAC VACAPES), NAS Oceana, Virginia Beach, VA.
AMENDMENTS 5/3/90 55 FR 11897 (A&led)

R–5302C Harvey Point, NC
Boundaries. Beginning at lat. 36°00'01 "N., long. 76°12'59"W.; to lat. 35°58'50"N., long. 76° 16'58"W.; thence clockwise via a 4–nautical–mile arc centered at lat. 36°02'01"N., long. 76°19'59"W.; to lat. 36°00'04"N., long. 76°24' 17"W.; to the point of beginning.
Designated Altitudes. 100 feet AGL to 3,000 feet MSL.
Time of designation. By NOTAM at least 24 hours in advance.
Controlling agency. FAA, Washington ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility (FACSFAC VACAPES), NAS Oceana, Virginia Beach, VA.
AMENDMENTS 5/3/90 55 FR 11897 (Added)

R-5306A Cherry Point, NC
Boundaries. Beginning at lat. 35°23'16"N., long. 76°34'39"W.; to lat. 35°18'16"N., long. 76°16'39"W.; to lat. 35°04'31"N., long. 76°04'29"W.; to lat. 34°46'46"N., long. 76°24'44"W.; to lat. 34°46'01"N., long. 76°29'59"W.; to lat. 35°08'01"N., long. 76°51'19"W.; thence to the point of beginning.
Designated Altitudes. Surface to but not including FL 180.
Time of designation. Continuous.
Controlling agency. Marine Corps Air Station Cherry Point Approach Control.
Using agency. Commanding General, U.S. Marine Corps Air Station, Cherry Point, NC.
AMENDMENTS 12/10/92 57 FR 46979 (Amended)

R–5306C Cherry Point, NC
Boundaries. Beginning at lat. 34°51'01 "N., long. 77°05'29"W.; to lat. 34°42'01"N., long. 76°54'44"W.; to lat. 34°41'51"N., long. 76°56'19"W.; to lat. 34°37'31"N., long. 76°56' 19"W.; thence southwest along a line 3 nautical miles from and parallel to the shoreline to lat. 34'34'3 1 "N., long. 77°08'59"W.; to lat. 34°44'51"N., long. 77° 14'39"W.; to lat. 34°49'31"N., long. 77°09'59"W.; thence to the point of beginning.
Designated Altitudes. From 1,200 feet MSL to, but not including FL 180.
Time of designation. Continuous.
Controlling agency. Marine Corps Air Station Cherry Point Approach Control.
Using agency. Commanding General, U.S. Marine Corps Air Station, Cherry Point, NC.
AMENDMENTS 12/1 0/92 57 FR 46979 (Amended)

R-5306D Cherry Point, NC
Boundaries. Beginning at lat. 34° 44'5 1 "N., long. 77°14'39"W.; to lat. 34°34'31"N., long. 77°08'59"W.; thence southwest along a line 3 nautical miles from and parallel to the shoreline to lat. 34°30'21"N.; long. 77°15'49"W.; to lat. 34°33'01"N., long. 77°18'59"W.; to lat. 34°36'06"N., long. 77°26'07"W.; to lat. 34'40'01 "N., long. 77°21'59"W.; to lat. 34°39'11"N., long. 77°20'49"W.; thence to the point of beginning.
Designated Altitudes. Surface to, but not including FL 180.
Time of designation. Continuous.
Controlling agency. Marine Corps Air Station Cherry Point Approach Control.
Using agency. Commanding General, U.S. Marine Corps Air Station, Cherry Point, NC.
AMENDMENTS 12/1 0/92 57 FR 46979 (Amended)

R-5306E Cherry Point, NC
Boundaries. Beginning at lat. 34" 40'21 "N., long. 77°22'11"W.; to lat. 34°40'01"N., long. 77°21'59"W.; to lat. 34°36'06"N., long. 77°26'07"W.; to lat. 34°38'13"N., long. 77°25'59"W.; thence to the point of beginning.
Designated Altitudes. Surface to, but not including FL 180.
Time of designation. Continuous.
Controlling agency. Marine Corps Air Station Cherry Point Approach Control.
Using agency. Commanding General, U.S. Marine Corps Air Station, Cherry Point, NC.
AMENDMENTS 12/10/92 57 FR 46979 (Amended)

R–5311A Fort Bragg, NC
Boundaries. Beginning at lat. 35° 10'47"N., long. 79°01'55"W.; to lat. 35°08'48"N., long. 79°01'59"W.; to lat. 35°07'01"N., long. 79°02'29"W.; to lat. 35°05'36"N., long. 79°01'49"W.; to lat. 35°02'56"N., long. 79°05'39"W.; to lat. 35°02'46"N., long. 79°20'09"W.; to lat. 35°07'06"N., long. 79°22'49"W.; to lat. 35°09'41"N., long. 79°20'09"W.; thence along Little River to the point of beginning.
Designated Altitudes. Surface to but not including 7,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Washington ARTCC.
Using agency. Commanding General, Fort Bragg, NC.

R-5311B Fort Bragg, NC
Boundaries. Beginning at lat. 35° 10'47"N., long. 79°01'55"W.; to lat. 35°08'48"N., long. 79°01'59"W.; to lat. 35°07'01 "N., long. 79°02'29"W.; to lat. 35°05'36"N.,

long. 79°01'49"W.; to lat. 35°02'56"N., long. 79°05'39"W.; to lat. 35°02'46"N., long. 79°20'09"W.; to lat. 35°07'06"N., long. 79°22'49"W.; to lat. 35°09'41"N., long. 79°20'09"W.; thence along Little River to the point of beginning.

Designated Altitudes. From 7,000 feet MSL to but not including 12,000 feet MSL.

Time of designation. Continuous.

Controlling agency. FAA, Washington ARTCC.

Using agency. Commanding General, Fort Bragg, NC.

R–5311C Fort Bragg, NC

Boundaries. Beginning at lat. 35°10'47"N., long. 79°01'55"W.; to lat. 35°08'48"N., long. 79°01'59"W.; to lat. 35°07'01"N., long. 79°02'29"W.; to lat. 35°05'36"N., long. 79°01'49"W.; to lat. 35°02'56"N., long. 79°05'39"W.; to lat. 35°02'46"N., long. 79°20'09"W.; to lat. 35°07'06"N., long. 79°22'49"W.; to lat. 35°09'41"N., long. 79°20'09"W.; thence along Little River to the point of beginning.

Designated Altitudes. From 12,000 feet MSL but not including FL 290.

Time of designation. Continuous.

Controlling agency. FAA, Washington ARTCC.

Using agency. Commanding General, Fort Bragg, NC.

R–5313A Long Shoal Point, NC

Boundaries. A circular area with a 3–mile radius centered at lat. 35°32'49"N., long. 75°41'25"W.

Designated Altitudes. Surface to 18,000 feet MSL.

Time of designation. 0800-2300 local time Monday-Friday; other times by NOTAM at least 24 hours in advance.

Controlling agency. FAA, Washington ARTCC.

Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility (FACSFAC VACAPES), NAS Oceana, Virginia Beach, VA.

AMENDMENTS 5/3/90 55 FR 11897 (Added)

R-5313B Long Shoal Point, NC

Boundaries. Beginning at lat. 35°36'47"N., long. 75°41'21"W.; to lat. 35°30'45"N., long. 75°35'13"W.; to lat. 35°24'15"N., long. 75°40'22"W.; to lat. 35°30'55"N., long. 75°50'29"W.; to the point of beginning.

Designated Altitudes. 100 feet AGL to 13,000 feet MSL.

Time of designation. By NOTAM at least 24 hours in advance, not to exceed 20 hours per month.

Controlling agency. FAA, Washington ARTCC.

Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility (FACSFAC VACAPES), NAS Oceana, Virginia Beach, VA.

AMENDMENTS 5/3/90 55 FR 11897 (Added)

R–5313C Long Shoal Point, NC

Boundaries. Beginning at lat. 35°32'09"N., long. 75°34'06"W.; to lat. 35°30'45"N., long. 75°35'13"W.; to lat. 35°36'47"N., long. 75°41'21"W.; to lat. 35°38'25"N., long. 75°38'47"W.; thence clockwise along a &nautical-mile arc centered at lat. 35°32'48"N., long. 75°41'26"W.; to the point of beginning.

Designated Altitudes. 100 feet AGL to 13,000 feet MSL.

Time of designation. By NOTAM at least 24 hours in advance, not to exceed 20 hours per month.

Controlling agency. FAA, Washington ARTCC.

Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility (FACSFAC VACAPES), NAS Oceana, Virginia Beach, VA.

AMENDMENTS 5/3/90 55 FR 11897 (Added)

R-5313D Long Shoal Point, NC

Boundaries. Beginning at lat. 35°20'52"N., long. 75°43'07"W.; to lat. 35°24'15"N., long. 75°40'22"W.; to lat. 35°30'55"N., long. 75°50'29"W.; to lat. 35°28'02"N., long. 75°54'54" W.; thence counterclockwise along a 12-nautical-mile arc centered at lat. 35°32'49"N., long. 75°41'25"W.; to the point of beginning.

Designated Altitudes. 500 feet AGL to 13,000 feet MSL.

Time of designation. By NOTAM at least 24 hours in advance, not to exceed 20 hours per month.

Controlling agency. FAA, Washington ARTCC.

Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility (FACSFAC VACAPES), NAS Oceana, Virginia Beach, VA.

AMENDMENTS 5/3/90 55 FR 11897 (Added)
Corr: 55 *FR 17931*

R-5314A Dare County, NC

Boundaries. Beginning at lat. 35°45'41"N., long. 75°49'19"W.; to lat. 35°40'08"N., long. 75°50'14"W.; to lat. 35°41'31"N., long. 76°00'19"W.; to lat. 35°47'01"N., long. 75°58'59"W.; to the point of beginning.

Designated Altitudes. Surface to FL 205.

Time of designation. Intermittent, 0600–2400 local time, Monday-Friday; 0700-l 800 local time Saturday-Sunday; other times by NOTAM 6 hours in advance.

Controlling agency. FAA, Washington ARTCC.

Using agency. Commander, 4th Tactical Fighter Wing, Seymour Johnson AFB, NC.

AMENDMENTS 7/30/87 52 FR 21250 (Amended)

R-5314B Dare County, NC

Boundaries. Beginning at lat. 35°39'31"N., long. 75°45'44"W.; to lat. 35°34'41"N., long. 75°46'49"W.; to lat. 35°36'46"N., long. 76°01'19"W.; to lat. 35°41'31"N., long. 76°00'19"W.; to the point of beginning.

Designated Altitudes. 500 feet above the surface to FL 205.

Time of designation. Intermittent, 0600-2400 local time, Monday-Friday; 0700-f 800 local time Saturday-Sunday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Washington ARTCC.
Using agency. Commander, 4th Tactical Fighter Wing, Seymour Johnson AFB, NC.
AMENDMENTS 7/30/87 52 FR 21250 (Amended)

R–5314C Dare County, NC
Boundaries. Beginning at lat. 35°48'31"N., long. 75°43'39"W.; to lat. 35°45'00"N., long. 75°44'28"W.; to lat. 35°47'01"N., long. 75°58'59"W.; to lat. 35°51'36"N., long. 75°57'54"W., to lat. 35°49'31"N., long. 75°44'59"W.; to the point of beginning.
Designated Altitudes. 500 feet above the surface to FL 205.
Time of designation. Intermittent, 0600-2400 local time, Monday-Friday; 0700–1 800 local time Saturday-Sunday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Washington ARTCC.
Using agency. Commander, 4th Tactical Fighter Wing, Seymour Johnson AFB, NC.
AMENDMENTS 7/30/87 52 FR 21250 (Amended)

R–5314D Dare County, NC
Boundaries. Beginning at lat. 35°40'25"N., long. 75°52'15"W.; to lat. 35°38'41"N., long. 75°52'34"W.; to lat. 35°39'01"N., long. 75°54'34"W.; to lat. 35°40'41"N., long. 75°54'09"W.; to the point of beginning.
Designated Altitudes. Surface to FL 205.
Time of designation. Intermittent, 0600-2400 local time, Monday-Friday; 0700-l 800 local time Saturday-Sunday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Washington ARTCC.
Using agency. Commander, 4th Tactical Fighter Wing, Seymour Johnson AFB, NC.
AMENDMENTS 7/30/87 52 FR 21250 (Amended)

R–5314E Dare County, NC
Boundaries. Beginning at lat. 35°47'5 1"N., long. 75°48'49"W.; to lat. 35°45'41"N., long. 75°49'19"W.; to lat. 35°46'08"N., long. 75°52'35"W.; to lat. 35°48'01"N., long. 75° 5 1'59"W.; to the point of beginning.
Designated Altitudes. Surface to FL 205.
Time of designation. Intermittent, 0600-2400 local time, Monday-Friday; 0700-l 800 local time Saturday-Sunday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Washington ARTCC.
Using agency. Commander, 4th Tactical Fighter Wing, Seymour Johnson AFB, NC.
AMENDMENTS 7/30/87 52 FR 21250 (Amen&d)

R–5314F Dare County, NC
Boundaries. Beginning at lat. 35°45'00"N., long. 75°44'28"W.; to lat. 35°39'3 1"N., long. 75°45'44"W.; to lat. 35°40'08"N., long. 75°50' 14"W.; to lat. 35°45'41"N., long. 75°49' 19"W.; to the point of beginning.
Designated Altitudes. 500 feet above the surface to FL *205*.
Time of designation. Intermittent, 0600–2400 local time, Monday-Friday; 0700-l 800 local time Saturday-Sunday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Washington ARTCC.
Using agency. Commander, 4th Tactical Fighter Wing, Seymour Johnson AFB, NC.
AMENDMENTS 7/30/87 52 FR 21250 (Amended)

R-53146 Dare County, NC
Boundaries. Beginning at lat. 35°51'36"N., long. 75°57'54"W.; to lat. 35°38'55"N., long. 76°00'52"W.; to lat. 35°39'21"N., long. 76°04'59"W.; to lat. 35°51'53"N., long. 76°02'08"W.; to the point of beginning.
Designated Altitudes. 200 feet above the surface to 15,000 feet MSL.
Time of designation. Intermittent, 0600-2400 local time, Monday-Friday; 0700–1 800 local time Saturday-Sunday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Washington ARTCC.
Using agency. Commander, 4th Tactical Fighter Wing, Seymour Johnson AFB, NC.
AMENDMENTS 7/30/87 52 FR 21250 (Amended)

R–5314H Dare County, NC
Boundaries. Beginning at lat. 35°51'53"N., long. 76°02'08"W.; to lat. 35°39'21"N., long. 76°04'59"W.; to lat. 35°40'26"N., long. 76°12'24"W.; to lat. 35°52'23"N., long. 76°09'52"W.; to the point of beginning.
Designated Altitudes. 500 feet above the surface to 10,000 feet MSL.
Time of designation. Intermittent, 0600-2400 local time, Monday-Friday; 0700-l 800 local time Saturday-Sunday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Washington ARTCC.
Using agency. Commander, 4th Tactical Fighter Wing, Seymour Johnson AFB, NC.
AMENDMENTS 7130187 52 FR 21250 (Amen&d)

R-5314 J Dare County, NC
Boundaries. Beginning at lat. 35°52'23"N., long. 76°09'52"W.; to lat. 35°40'26"N., long. 76°12'24"W.; to lat. 35°43'51"N., long. 76°35'29"W.; to lat. 35°53'51"N., long. 76°33'09"W.; to the point of beginning.
Designated Altitudes. 1,000 feet above the surface to 6,000 feet MSL.

Time of designation. Intermittent, 0600-2400 local time, Monday-Friday; 0700-l 800 local time Saturday-Sunday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Washington ARTCC.
Using agency. Commander, 4th Tactical Fighter Wing, Seymour Johnson AFB, NC.
AMENDMENTS 7/30/87 52 FR 21250 (Amended)

§ 73.54 North Dakota

R-5401 Devils Lake, ND
Boundaries. Beginning at lat. 47°41'01"N., long. 98°41'15"W.; to lat. 47°39'23"N., long. 98°40'17"W.; to lat. 47°39'23"N., long. 98°39'57"W.; to lat. 47°39'35"N., long. 98°39'39"W.; to lat. 47°40'20"N., long. 98°38'01"W.; to lat. 47°40'20"N., long. 98°37'18"W.; to lat. 47°41'15"N., long. 98°37'18"W.; to lat. 47°41'08"N., long. 98°39'14"W.; to lat. 47°41'10"N., long. 98°39'57"W.; to lat. 47°41'01"N., long. 98°40'17"W.; thence to the point of beginning.
Designated Altitudes. Surface to 5,000 feet MSL.
Time of designation. As scheduled 30 days in advance and activated by NOTAM 24 hours in advance, Area may be scheduled continuously during peak training periods June and July.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. U.S. Army, Commander Camp Grafton, North Dakota Army National Guard, Devils Lake, ND.
AMENDMENTS 5/27/93 58 FR 18345 (Added)

§ 73.55 **Ohio**

R-5502A Lacarne, OH
Boundaries. Beginning at lat. 41°35'19"N., long. 82°55'30"W.; to lat. 41°32'30"N., long. 83°01'00"W.; to lat. 41°36'35"N., long. 83°04'52"W.; thence via a 5 NM arc centered at lat. 41°32'30"N., long. 83°01'00"W.; to the point of beginning.
Designated Altitudes. Surface to 5,000 feet MSL.
Time of designation. 0800 to 1700 local time, April 1 to November 30; 0800 to 1700 local time Tuesday, Wednesday and Thursday, December 1 to March 31; other times by NOTAM 48 hours in advance.
Controlling agency. FAA, Cleveland ARTCC.
Using agency. The Adjutant General, state of Ohio.

R-5502B Lacarne, OH
Boundaries. Beginning at lat. 41°41'30"N., long. 83°00'00"W.; to lat. 41 °35'40"N., long. 82°54'50"W.; to lat. 41°32'30"N., long, 83°01'00"W.; to lat. 41°36'35"N., long. 83°04'52"W.; to lat. 41°41'30"N., long. 83°07'30"W.; to the point of beginning.
Designated Altitudes. Surface to 23,000 feet MSL.
Time of designation. Tuesday, Wednesday and Thursday, 0800 to 1700 local time; other times by NOTAM 48 hours in advance.
Controlling agency. FAA, Cleveland ARTCC.
Using agency. The Adjutant General, state of Ohio.

§ 73.56 Oklahoma

R-5601A Fort Sill, OK
Boundaries. Beginning at lat. 34°38'15"N., long. 98°17'01"W.; to lat. 34°38'15"N., long. 98°20'56"W.; to lat. 34°38'30"N., long. 98°21'41"W.; to lat. 34°38'50"N., long. 98°22'06"W.; to lat. 34°39'53"N., long. 98°22'16"W.; to lat. 34°40'47"N., long. 98°23'09"W.; thence north along the western edge of Interstate Highway 44 to lat. 34°43'30"N., long. 98'24'01 "W.; to lat. 34°43'30"N., long. 98°21'21"W.; to lat. 34°43'45"N., long. 98°21'01"W.; to lat. 34°46'06"N., long. 98°21'01 "W.; to lat. 34°46'06"N., long. 98°17'01"W.; to the point of beginning.
Designated Altitudes. Surface to 40,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Fort Worth ARTCC.
Using agency. U.S. Army, Commanding General, Fort Sill, OK.
AMENDMENTS 11/1 6/89 54 FR 38511 (Revised)
Corr: 54 *FR 42495*

R-5601B Fort Sill, OK
Boundaries. Beginning at lat. 34°40'47"N., long. 98 ° 23'09" W.; thence counterclockwise along an arc, 3-mile radius centered at lat. 34°38'18"N., long. 98°24'07"W.; to lat. 34°40'12"N., long. 98°26'18"W.; to lat. 34°38'15"N., long. 98°26'19"W.; to lat. 34°38'15"N., long. 98°37'57"W.; thence north along Oklahoma State Highway No. 115 to lat. 34°40'54"N., long. 98°37'54"W.; to lat. 34°42'07"N., long. 98°37'20"W.; to lat. 34°43'21"N., long. 98°36'02"W.; to lat. 34°43'30"N., long. 98°35'40"W.; to lat. 34°43'30"N., long. 98°24'01 "W.; thence south along the western edge of Interstate Highway 44 to the point of beginning.
Designated Altitudes. Surface to 40,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Fort Worth ARTCC.
Using agency. U.S. Army, Commanding General, Fort Sill, OK.
AMENDMENTS 11/1 6/89 54 FR 38511 (Revised)
Con-: 54 *FR 42495*

R-5601C Fort Sill, OK
Boundaries. Beginning at lat. 34°38'15"N., long. 98°37'57"W.; to lat. 34°38'15"N., long. 98°45'21"W.; to lat. 34°41'47"N., long. 98°45'21"W.; to lat. 34°41'47"N., long. 98°44'17"W.; to lat. 34°41'21"N., long.

98°44'17"W.; to lat. 34°41'21"N., long. 98°40'36"W.; to lat. 34°40'54"N., long. 98°40'36"W.; to lat. 34°40'54"N., long. 98°37'54"W.; thence south along Oklahoma State Highway No. 115 to the point of beginning.
Designated Altitudes. Surface to 40,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Fort Worth ARTCC.
Using agency. U.S. Army, Commanding General, Fort Sill, OK.
AMENDMENTS 11/16/89 54 FR 38511 (Revised)

R–5601D Fort Sill, OK
Boundaries. Beginning at lat. 34°38'15"N., long. 98°45'21"W.; to lat. 34°38'15"N., long. 98°48'01"W.; to lat. 34°42'15"N., long. 98°50'01"W.; to lat. 34°45'00"N., long. 98°40'3 1 "W.; to lat. 34°43'30"N., long. 98°35'40"W.; to lat. 34°43'21"N., long. 98°36'02"W.; to lat. 34°42'07"N., long, 98°37'20"W.; to lat. 34°40'54"N., long. 98 °. 37'54"W.; to lat. 34° 40'54"N., long. 98°40'36"W.; to lat. 34°41'21"N., long. 98°40'36"W.; to lat. 34°41'21"N., long. 98°44'17"W.; to lat. 34°41'47"N., long. 98°44'17"W.; to lat. 34°41'47"N., long. 98°45'21"W.; to the point of beginning.
Designated Altitudes. 500 feet AGL to 16,500 feet MSL.
Time of designation. Sunrise to sunset, Tuesday through Saturday; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC.
Using agency. U.S. Army, Commanding General, Fort Sill, OK.
AMENDMENTS 11 /16/89 54 FR 38511 (Revised)

R–5601E Fort Sill, OK
Boundaries. Beginning at lat. 34°38'15"N., long. 98°37'58"W.; to lat. 34°36'00"N., long. 98°46'46"W.; to lat. 34°38'15"N., long. 98°48'01"W.; to lat. 34°38'15"N., long. 98°45'21"W.; to the point of beginning.
Designated Altitudes. 500 feet AGL to 6,000 feet MSL.
Time of designation. Sunrise to sunset; Tuesday through Saturday; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC.
Using agency. U.S. Army, Commanding General, Fort Sill, OK
AMENDMENTS 11 /1 6/89 54 FR 38511 (Revised)

§ *73.57* **Oregon**

R-5701 Boardman, OR
Boundaries and **Designated Altitudes.** A 5 NM radius circle centered at lat. 45°43'35"N., long. 119°41'07"W., surface to FL 200; within 2 NM N and 3 NM S of the 082° bearing from the center of the circle extending to a line 1 NM W of and parallel to Butter Creek, surface to 10,000 feet MSL to a distance of 7 NM from the center of the circle, thence surface to 6,000 feet MSL to the E extremity; within 3 NM either side of the 234° bearing from the center of the circle extending to 10 NM from the center, excluding the airspace within V-l 12, surface to 10,000 feet MSL to a distance of 7 NM from the center of the circle, thence surface to 6,000 feet MSL to the SW extremity; within 3 NM either side of the 270° bearing from the center of the circle extending to 15 NM from the center, surface to 10,000 feet MSL to a distance of 7 NM from the center of the circle, thence surface to 6,000 feet MSL to the W extremity.
Time of designation. 0730-2359 Monday-Friday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Seattle ARTCC.
Using agency. U.S. Navy, Commanding Officer, NAS Whidbey Island, Oak Harbor, WA.
AMENDMENTS 1/6/94 58 FR 59945 (Amended)

R-5704 Hermiston, OR
Boundaries. Beginning at lat. 45°51'59"N., long. 119°29'04"W.; to lat. 45°49'59"N., long. 119°29'04"W.; to lat. 45°49'59"N., long. 119°30'34"W.; to lat. 45°51'59"N., long. 119°30'34"W.; to the point of beginning.
Designated Altitudes. Surface to but not including 4,000 feet MSL.
Time of designation. 0900-l 700 local time, Monday-Thursday.
Using agency. Commanding Officer, Umatilla Ordnance Depot, Hermiston, OR.
AMENDMENTS 7/25/91 56 FR 22111 (Amended)

R-5706 Boardman, OR
Boundaries. Beginning at lat. 45°40'33"N., long. 120°02'32"W.; to lat. 45°40'39"N., long. 120°09'04"W.; to lat. 45°45'29"N., long. 120°09'04"W.; thence east along the south shore of the Columbia River to lat. 45°51'09"N., long. 119°40'04"W.; to lat. 45°52'59"N., long. 119°31'04"W.; to lat. 45°46'34"N., long. 119°31'04"W.; to lat. 45°46'12"N., long. 119°35'02"W.; thence counterclockwise along the arc of a 5-nautical-mile radius circle centered at lat. 45°43'35"N., long. 119°41'07"W.; to lat. 45°46'35"N., long. 119°46'50"W.; to lat. 45°46'33"N., long. 120°02'32"W.; to the point of beginning.
Designated Altitudes. 3,500 feet MSL to 10,000 feet MSL.
Time of designation. 0730-2359 Monday-Friday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Seattle ARTCC.
Using agency. U.S. Navy, Commanding Officer, NAS Whidbey Island, Oak Harbor, WA.
AMENDMENTS 1 /6/94 58 FR 59945 (Amended)

973.58 Pennsylvania

R-5801 Chambersburg, PA

Boundaries. The arc of a circle, having a 5,000–foot radius, centered at lat. 39°59'44"N., long. 77°43'54"W.

Designated Altitudes. Surface to 4,000 feet MSL.

Time of designation. 0800 to 1600 EST, Monday-Friday.

Using agency. Commanding Officer, Letterkenny Ordnance Depot, Chambersburg, PA.

R–5802A Fort Indiantown Gap, PA

Boundaries. Beginning at lat. 40°27'30"N., long. 76°44'34"W.; to lat. 40°29'31"N., long. 76°39'07"W.; to lat. 40°28'31"N., long. 76°36'21"W.; to lat. 40°25'06"N., long. 76°44'47"W.; to the point of beginning.

Designated Altitudes. 200 feet AGL to 5,000 feet MSL.

Time of designation. February 15 through May 10 and September 1 through December 15, 0800-2300 local time on Saturdays and 0800-1200 local time on Sundays; May 11 through August 31, 0800–2400 local time on Saturdays and 0800–2000 local time on all other days; other times by NOTAM issued at least 48 hours in advance.

Controlling agency. FAA, New York ARTCC.

Using agency. Commander, Fort Indiantown Gap, Annville, PA.

R–5802B Fort Indiantown Gap, PA

Boundaries. Beginning at lat. 40°25'06"N., long. 76°44'47"W.; to lat. 40°28'31"N., long. 76°36'21"W.; to lat. 40°27'13"N., long. 76°35'13"W.; to lat. 40°26'18"N., long. 76°36'40"W.; to lat. 40°23'24"N., long. 76°43'34"W.; to the point of beginning.

Designated Altitudes. Surface to 13,000 feet MSL.

Time of designation. February 15 through May 10 and September 1 through December 15, 0800–2300 local time on Saturdays and 0800-1200 local time on Sundays; May 11 through August 31, 0800–2400 local time on Saturdays and 0800-2000 local time on all other days; other times by NOTAM issued at least 48 hours in advance.

Controlling agency. FAA, New York ARTCC.

Using agency. Commander, Fort Indiantown Gap, Annville, PA.

R-5803 Chambersburg, PA

Boundaries. A circular area with a 5,500–foot radius centered at lat. 40°02'29"N., long. 77°44'19"W.

Designated Altitudes. Surface to 4,000 feet MSL.

Time of designation. 0800 to 1600 EST, Monday-Friday.

Using agency. Commanding Officer, Letterkenny Ordnance Depot, Chambersburg, PA.

§ 73.59 Rhode Island

§ 73.60 South Carolina

R–6001A Fort Jackson, SC

Boundaries. Beginning at lat. 33°59'31"N., long. 80°52'03"W.; to lat. 34°05'04"N., long. 80°52'11"W.; to northeast along Percival Road to lat. 34°06'16"N., long. 80°49'03"W.; to east along North Boundary Road to lat. 34°03'42"N., long. 80°42'12"W.; to lat. 34°01'41"N., long. 80°42'14"W.; to lat. 34°00'34"N., long. 80°44'23"W.; to lat. 34°01'01 "N., long. 80°45'54"W.; to lat. 34°01'06"N., long. 80°46'59"W.; to lat. 34°00'55"N., long. 80°47'59"W.; to lat. 34'00'3 1 "N., long. 80°48'56"W.; to lat. 34°00'13"N., long. 80°49'25"W.; to lat. 33°59'46"N., long. 80°49'59"W.; thence to point of beginning.

Designated Altitudes. Surface to 3,200 feet MSL.

Time of designation. Intermittent, 0630 to 2400.

Controlling agency. FAA, Jacksonville ARTCC.

Using agency. Commanding General, Fort Jackson, SC.

REMARKS: Aircraft activity is limited to the following terms and conditions: 1. Aircraft activities may not be conducted on weekends. 2. Weather conditions required for aircraft activities are 5 miles visibility and with prevailing clouds or obscuring phenomena no greater than five-tenths coverage of the sky and bases no lower than 3,000 feet above the surface. 3. Air to surface ordnance limited to the MK-106 (spotting) practice bomb delivery. 4. Aircraft activities are limited to two hours daily.

R–6001B Fort Jackson, SC

Boundaries. Beginning at lat. 33°59'31"N., long 80°52'03"W.; to lat. 34°05'04"N., long 80°52'11"W.; to northeast along Percival Road to lat. 34°06'16"N., long 80°49'03"W.; to east along North Boundary Road to lat. 34°03'42"N., long 80°42'12"W.; to lat. 34°01'41"N., long 80°42'14"W.; to lat. 34°00'34"N., long 80°44'23"W.; to lat. 34°01'01"N., long 80°45'54"W.; to lat. 34°01'06"N., long 80°46'59"W.; to lat. 34°00'55"N., long 80°47'59"W.; to lat. 34°00'31"N., long 80°48'56"W.; to lat. 34°00'13"N., long 80°49'25"W.; to lat. 33°59'46"N., long 80°49'59"W.; thence to point of beginning.

Designated Altitudes. 3,200 feet MSL to FL 230.

Time of designation. Intermittent, 0630 to 2400.

Controlling agency. FAA, Jacksonville ARTCC.

Using agency. Commanding General, Fort Jackson, SC.

REMARKS: Aircraft activitv is limited to the following terms and conditions: 1. Aircraft activities may not be conducted on weekends. 2. Aircraft activities may only be conducted from 3,200 feet MSL to 13,000 feet AGL. 3. Weather conditions required for aircraft activities are 5 miles visibility and with prevailing clouds or obscuring phenomena no greater than five-tenths coverage of the sky and bases no lower than 3,000 feet above the surface. 4. Air

to surface ordnance limited to the MK-106 (spotting) practice bomb delivery. 5. Aircraft activities are limited to two hours daily.

R-6002 Poinsett–Sumter, SC

Boundaries. Beginning at lat. 33°54'25"N., long. 80°24'11"W.; to lat. 33°46'26"N., long. 80°23'11"W.; to lat. 33°44'28"N., long. 80°31'41"W.; to lat. 33°50'14"N., long. 80°31'02"W.; to lat. 33°53'38"N., long. 80°31'02"W.; to the point of beginning.

Designated Altitudes. Surface to 13,000 feet MSL.

Time of designation. Intermittent 0600-2400 local time Monday-Friday, 0800-l 600 local time Saturday; other times by NOTAM at least 8 hours in advance.

Controlling agency. FAA, Jacksonville ARTCC.

Using agency. Commander, Shaw AFB, SC.

AMENDMENTS 1/6/94 58 FR 59359 (Amended)

§ 73.61 South Dakota

§ 73.62 Tennessee

§ 73.63 **Texas**

R–6302A Fort Hood, TX

Boundaries. Beginning at lat. 31 °09'01"N., long. 97°45'01"W.; to lat. 31°10'01"N., long. 97°48'01"W.; to lat. 31°14'15"N., long. 97°50'33"W.; to lat. 31°18'25"N., long. 97°48'48"W.; to lat. 31°18'23"N., long. 97°45'43"W.; to lat. 31°20'00"N., long. 97°45'23"W.; to lat. 31°22'09"N., long. 97°43'27"W.; to lat. 31°22'08"N., long. 97°41'56"W.; to lat. 31°21'01"N., long. 97°41'01"W.; to lat. 31°20'01"N., long. 97°41'01"W.; to lat. 31°14'01"N., long. 97°33'01"W.; to lat. 31°08'01"N., long. 97°37'01"W.; to lat. 31°08'01"N., long. 97°39'01"W.; to lat. 31°10'01"N., long. 97°41'01"W.; to lat. 31 °09'01 "N., long. 97'43'31 "W.; to the point of beginning.

Designated Altitudes. Surface to 30,000 feet MSL.

Time of designation. Continuous.

Controlling agency. FAA, Houston ARTCC.

Using agency. Commanding Officer, Fort Hood, TX.

AMENDMENTS 6/28/90 55 FR 13761 ((Amended}

R–6302B Fort Hood, TX

Boundaries. Beginning at lat. 31°14'01"N., long. 97°33'01"W.; to lat. 31°06'01"N., long. 97°33'01"W.; to lat. 31°08'01"N., long. 97°39'01"W.; to lat. 31°08'01"N., long. 97'37'01 "W.; to the point of beginning.

Designated Altitudes. Surface to 11,000 feet MSL.

Time of designation. 1800–0600 local time, Monday-Saturday; other times by NOTAM.

Controlling agency. FAA, Houston ARTCC.

Using agency. Commanding Officer, Fort Hood, TX.

AMENDMENTS 9/14/95 60 FR 37331 (Amen&d)

R–6302C Fort Hood, TX

Boundaries. Beginning at lat. 31°09'01"N., long. 97°45'01"W.; to lat. 31°09'01"N., long. 97°55'01"W.; to lat. 31°16'01"N., long. 97°54'01"W.; to lat. 31°19'01"N., long. 97°51'01"W.; to lat. 31°15'01"N., long. 97°51'01"W.; to lat. 31°10'01"N., long. 97°48'01"W.; to the point of beginning.

Designated Altitudes. Surface to 30,000 feet MSL.

Time of designation. 0700-l 900 local time, Monday-Friday; other times by NOTAM.

Controlling agency. FAA, Houston ARTCC.

Using agency. Commanding Officer, Fort Hood, TX.

AMENDMENTS 6/23/94 59 FR 19636 (Amended)

R–6302D Fort Hood, TX

Boundaries. Beginning at lat. 31°14'15"N., long. 97°50'33"W.; to lat. 31°15'01"N., long. 97°51'01"W.; to lat. 31°19'01"N., long. 97°51'01"W.; to lat. 31°24'01"N., long. 97°48'01"W.; to lat. 31°23'01"N., long. 97°43'01"W.; to lat. 31°22'08"N., long. 97°41'56"W.; to lat. 31°22'09"N., long. 97°43'27"W.; to lat. 31°20'00"N., long. 97°45'23"W.; to lat. 31 ° 18'23"N., long. 97°45'43"W.; to lat. 31 °18'25"N., long. 97°48'48"W.; to the point of beginning.

Designated Altitudes. Surface to 30,000 feet MSL.

Time of designation. 0700-l 900 local time, Monday-Friday; other times by NOTAM.

Controlling agency. FAA, Houston ARTCC.

Using agency. Commanding Officer, Fort Hood, TX.

AMENDMENTS 6/23/94 59 FR 19636 (Amended)

R–6302E Fort Hood, TX

Boundaries. Beginning at lat. 31°24'01"N., long. 97°48'01"W.; to lat. 31°23'01"N., long. 97°43'01"W.; to lat. 31°22'08"N., long. 97°41'56"W.; to lat. 31°21'01"N., long. 97°41'01"W.; to lat. 31°20'01"N., long. 97°41'01"W.; to lat. 31°14'01"N., long. 97°33'01"W.; to lat. 31 °08'01"N., long. 97°39'01"W.; to lat. 31°10'01"N., long. 97°41'01"W.; to lat. 31°09'01"N., long. 97°43'31"W.; to lat. 31°09'01"N., long. 97°55'01"W.; to lat. 31°16'01"N., long. 97°54'01"W.; to lat. 31°19'01"N., long. 97°51'01 "W.; to the point of beginning.

Designated Altitudes. 30,000 feet MSL to 45,000 feet MSL.

Times of designation. By NOTAM 48 hours in advance.

Controlling agency. FAA, Houston ARTCC.

Using agency. U.S. Army, Commanding Officer, Fort Hood, TX.

AMENDMENTS 9/14/95 60 FR 37331 (Amen&d)

Corr: 60 *FR 43708*

R-6312 Cotulla, TX
Boundaries. The area within 5 NM of geographical points located at lat. 28°14'51"N., long. 98°43'31"W.; and lat. 28°05'54"N., long. 98°42'52"W.
Designated Altitudes. Surface to 12,000 feet MSL except for the area west of a line between lat. 28°17'41"N., long. 98°47'56"W., and lat. 28°11'56"N., long. 98°48'01"W., and the area along Highway 624 extending 1/4 mile -each side where the floor is 1,000 feet AGL.
Time of designation. Sunrise to sunset; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. Chief of Naval Air Advance Training Command, NAS Corpus Christi, TX.
AMENDMENTS 2/9/89 53 FR 45258 (Amended)

R-6316 Eagle Pass, TX
Boundaries. A 3-mile radius centered at lat. 28°23'09"N., long. 100° 17'11 "W.
Designated Altitudes. Surface to 15,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Houston ARTCC.
Using agency. United States Customs Service.
AMENDMENTS 9/21/89 54 FR 32800 (Added)

R-6317 El Sauz, TX
Boundaries. A 3-mile radius centered at lat. 26°34'20"N., long. 98°49'00"W.
Designated Altitudes. Surface to 15,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Houston ARTCC.
Using agency. United States Customs Service.
AMENDMENTS 9/21/89 54 FR 32800 (Added)

R-6318 Marfa, TX
Boundaries. A 2-mile radius centered at lat. 30°26'01"N., long. 104°20'02"W.
Designated Altitudes. Surface to 14,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. United States Customs Service.
AMENDMENTS 8/10/89 54 FR 31655 (Added)

R-6320 Matagorda, TX
Boundaries. That airspace within a 3-mile circle centered at lat. 28°42'37"N., long. 95°57'26"W.
Designated Altitudes. Surface up to and including 15,000 feet MSL.
Time of designation. Continuous.
Controlling agency. Houston ARTCC.
Using agency. United States Customs Service.
AMENDMENTS 8/20/92 57 FR 26771 (Added)

973.64 Utah

R-6402A Dugway Proving Ground, Dugway, UT
Boundaries. Beginning at lat. 40°25'00"N., long. 112°56'03"W.; to lat. 40°25'00"N., long. 113°07'03"W.; to lat. 40°20'20"N., long. 113°07'03"W.; to lat. 40°20'20"N., long. 113°20'05"W.; to lat. 39°55'00"N., long. 113°26'43"W.; to lat. 39°52'00"N., long. 113°27'03"W.; to lat. 39°49'00"N., long. 113°08'03"W.; to lat. 39°44'00"N., long. 113°08'03"W.; to lat. 39°46'00"N., long. 112°56'03"W.; to lat. 40°00'00"N., long. 112°43'03"W.; to lat. 40°13'00"N., long. 112°43'03"W.; to the point of beginning.
Designated Altitudes. Surface to FL 580.
Time of designation. Continuous.
Controlling agency. FAA, Salt Lake City ARTCC.
Using agency. U.S. Air Force, Commander, 6501st Range Squadron, Air Force Systems Command, Hill AFB, UT
AMENDMENTS 5/5/88 53 FR 3010 (Amended)

R-6402B Dugway Proving Ground, Dugway, UT
Boundaries. Beginning at lat. 40°13'00"N., long. 112°43'03"W.; to lat. 40°16'00"N., long. 112°43'03"W.; to lat. 40°25'00"N., long. 112°50'03"W.; to lat. 40°25'00"N., long. 112°56'03"W.; to the point of beginning.
Designated Altitudes. 100 feet AGL to FL 580.
Time of designation. Continuous.
Controlling agency. FAA, Salt Lake City ARTCC.
Using agency. U.S. Air Force, Commander, 6501st Range Squadron, Air Force Systems Command, Hill AFB, UT
AMENDMENTS 5/5/88 53 FR 3010 (Amended)

R-6403 Tooele, UT
Boundaries. Beginning at lat. 40" 30'44"N., long. 112°27'33"W.; to lat. 40°29'32"N., long. 112°27'33"W.; to lat. 40°29'32"N., long. 112°29'18"W.; to lat. 40°30'44"N., long. 112°29'18"W.; to the point of beginning.
Designated Altitudes. Surface to 9,000 feet MSL.
Time of designation. 0800-2000 local time, Monday-Thursday.
Using agency. Commanding Officer, Tooele Army Depot, Tooele, UT.
AMENDMENTS 7/25/91 56 FR 22111 (Amended)

R-6404A Hill AFB, UT
Boundaries. Beginning at lat. 41 ° 11'30"N., long. 112°45'33"W.; to lat. 41°16'00"N., long. 113°50'03"W.; to lat. 41°08'30"N., long. 114°02'33"W.; to lat. 40°55'30"N., long. 114°02'33"W.; to lat. 40°55'00"N., long. 114°00'03"W.; to lat. 40°55'00"N., long. 112°50'33"W.; to lat. 41°01'00"N., long. 112°39'03"W.;

Time of designation. Continuous May 1 to Sept. 15. Other times by NOTAM 24 hours in advance.
Controlling agency. FAA, Washington ARTCC.
Using agency. Commander, Fort Lee, VA.

R–6602B Fort Pickett, VA
Boundaries. Beginning at lat. 37°05'38"N., long. 77°51'53"W.; to lat. 37°04'26"N., long 77°51'44"W.; along State Highway No. 40 to lat. 37°03'56"N., long. 77°51'04"W.; to lat. 37°02'44"N., long. 77°50'37"W.; to lat. 37°01'06"N., long. 77°50'42"W.; to lat. 36°57'55"N., long. 77°53'18"W.; to lat. 36°58'13"N., long. 77°57'41"W.; to lat. 37°01'51"N., long. 77°58'39"W.; to lat. 37°01'51"N., long. 77°55'57"W.; to lat. 37°04'22"N., long. 77°55'57"W.; to lat. 37°05'38"N., long. 77'54'41 "W.; to the point of beginning.
Designated Altitudes. 4,000 feet MSL to but not including 11,000 feet MSL.
Time of designation. By NOTAM 24 hours in advance.
Controlling agency. FAA, Washington ARTCC.
Using agency. Commander, Fort Lee, VA.

R–6602C Fort Pickett, VA
Boundaries. Beginning at lat. 37°05'38"N., long. 77°51'53"W.; to lat. 37°04'26"N., long. 77°51'44"W.; along State Highway No. 40 to lat. 37°03'56"N., long. 77°51'04"W.; to lat. 37°02'44"N., long. 77°50'37"W.; to lat. 37°01'06"N., long. 77°50'42"W.; to lat. 36°57'55"N., long. 77°53'18"W.; to lat. 36°58'13"N., long. 77°57'41"W.; to lat. 37°01'51"N., long. 77°58'39"W.; to lat. 37°01'51"N., long. 77°55'57"W.; to lat. 37°04'22"N., long. 77°55'57"W.; to lat. 37°05'38"N., long. 77'54'41 "W.; to the point of beginning.
Designated Altitudes. 11,000 feet MSL to but not including 18,000 feet MSL.
Time of designation. By NOTAM 24 hours in advance.
Controlling agency. FAA Washington ARTCC.
Using agency. Commander, Fort Lee, VA.

R-6604 Chincoteague Inlet, VA
Boundaries. Beginning at lat. 37°56'45"N., long. 75°27'29"W.; to lat. 37°51'30"N., long. 75°17'14"W.; thence 3 nautical miles from and parallel to the shoreline to lat. 37°38'45"N., long. 75°31'19"W.; to lat. 37°50'24"N., long. 75° 3 1' 19"W.; to the point of beginning.
Designated Altitudes. Unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Washington ARTCC.
Using agency. Chief, Wallops Station, National Aeronautics and Space Administration, Wallops Island, VA.

R-6606 Pendleton, VA
Boundaries. Beginning at lat. 36°51'01"N., long. 75°54'29"W.; thence 3 nautical miles from and parallel to the shoreline to lat. 36°34'34"N., long. 75°48'23"W.; to lat. 36°45'04"N., long. 75°56'11"W.; to lat. 36°44'46"N., long. 75°57'04"W.; to lat. 36°44'40"N., long. 75°57'59"W.; to lat. 36°47'01"N., long. 75°58'44"W.; to lat. 36°47'19"N., long. 75°56'53"W.; to the point of beginning.
Designated Altitudes. Surface to and including 5 1,000 feet MSL.
Time of designation. 0800-1700 hours local time, Monday-Friday. Other times by NOTAM issued 48 hours in advance.
Controlling agency. FAA, Washington ARTCC.
Using agency. Fleet Area Control and Surveillance Facility, VACAPES, Virginia Beach, VA.

R–6608A Quantico, VA
Boundaries. Beginning at lat. 38°35'10"N., long. 77°34'06"W.; to lat. 38°37'00"N., long. 77°34'06"W.; to lat. 38°37'50"N., long. 77°32'19"W.; to lat. 38°37'17"N., long. 77°27'44"W.; to lat. 38°35'35"N., long. 77°27'44"W.; to the point of beginning.
Designated Altitudes. Surface to 10,000 feet MSL.
Time of designation. 0500 to 2400 local time daily; other times by NOTAM 24 hours in advance.
Controlling agency. FAA, Dulles ATCT.
Using agency. U.S. Marine Corps, Commanding General, Marine Corps Development and. Education Command, Quantico, VA.
AMENDMENTS 9/16/93 58 FR 39650 (Revised)

R–6608B Quantico, VA
Boundaries. Beginning at lat. 38°35'10"N., long. 77°34'06"W.; to lat. 38°35'35"N., long. 77°27'44"W.; to lat. 38°29'31"N., long. 77°27'44"W.; to lat. 38°29'00"N., long. 77°28'44"W.; to lat. 38°31'20"N., long. 77°34'06"W.; to the point of beginning.
Designated Altitudes. Surface to 10,000 feet MSL.
Time of designation. 0500 to 2400 local time daily; other times by NOTAM 24 hours in advance.
Controlling agency. FAA, Dulles ATCT.
Using agency. U.S. Marine Corps, Commanding General, Marine Corps Development and Education Command, Quantico, VA.
AMENDMENTS 9/16/93 58 FR 39650 (Revised)

R–6608C Quantico, VA
Boundaries. Beginning at lat. 38°37'17"N., long. 77°27'44"W.; to lat. 38°37'00"N., long. 77°25'33"W.; to lat. 38°34'00"N., long. 77°23'59"W.; to lat. 38°31'15"N.,

long. 77°24'19"W.; to lat. 38°29'31"N., long. 77°27'44"W.; to the point of beginning.

Designated Altitudes. Surface to 10,000 feet MSL.

Time of designation. 0500 to 2400 local time daily; other times by NOTAM 24 hours in advance.

Controlling agency. FAA, Dulles ATCT.

Using agency. U.S. Marine Corps, Commanding General, Marine Corps Development and Education Command, Quantico, VA.

AMENDMENTS 9/16/93 58 FR 39650 (Added)

R-6609 Tangier Island, VA

Boundaries. Beginning at lat. 37°53'10"N., long. 76° 13'59"W.; to lat. 37°55'15"N., long. 76°02'29"W.; to lat. 37°50'00"N., long. 76'00'51 "W.; to lat. 37°41'00"N., long. 76°00'51"W.; to lat. 37°40'00"N., long. 76°01'29"W.; to lat. 37°40'00"N., long. 76°09'59"W.; to lat. 37°45'00"N., long. 76° 11'32"W.; to the point of beginning.

Designated Altitudes. Surface to FL 200.

Time of designation. 0800 to 2300 hours, local time, other times by NOTAM issued at least 48 hours in advance.

Controlling agency. FAA, Washington ARTCC.

Using agency. Commanding Officer, NAS Patuxent River, MD.

R–6611A Dahlgren Complex, VA

Boundaries. Beginning at lat. 38°21'30"N., long. 77°01'14"W.; to lat. 38°17'30"N., long. 76°55'59"W.; to lat. 38°15'45"N., long. 76°51'59"W.; to lat. 38°13'00"N., long. 76°54'34"W.; to lat. 38°19'15"N., long. 77°01'59"W.; to the point of beginning.

Designated Altitudes. Surface to 40,000 feet MSL.

Time of designation. 0800– 1700 local time, Monday-Friday, other times by NOTAM issued 48 hours in advance.

Controlling agency. FAA, Washington ARTCC.

Using agency. Commander, Naval Surface Weapons Center, Dahlgren, VA.

R–6611B Dahlgren Complex, VA

Boundaries. Beginning at lat. 38°21'30"N., long. 77°01'14"W.; to lat. 38°17'30"N., long. 76°55'59"W.; to lat. 38°15'45"N., long. 76°51'59"W.; to lat. 38°13'00"N., long. 76°54'34"W.; to lat. 38°19'15"N., long. 77°01'59"W.; to the point of beginning.

Designated Altitudes. 40,000 feet MSL to 60,000 feet MSL.

Time of designation. By NOTAM issued 48 hours in advance.

Controlling agency. FAA, Washington ARTCC.

Using agency. Commander, Naval Surface Weapons Center, Dahlgren, VA.

R-6612 Dahlgren Complex, VA

Boundaries. Two overlapping circular areas with 7,000–foot radii centered at lat. 38°17'59"N., long. 77°02'14"W., and lat. 38°18'23"N., long. 77°02'56"W.

Designated Altitudes. Surface to 7,000 feet MSL.

Time of designation. 0800-l 700 local time, Monday-Friday, other times by NOTAM issued 48 hours in advance.

Controlling agency. FAA, Washington ARTCC.

Using agency. Commander, Naval Surface Weapons Center, Dahlgren, VA.

R–6613A Dahlgren Complex, VA

Boundaries. Beginning at lat. 38°15'45"N., long. 76°51'59"W.; to lat. 38°13'30"N., long. 76°46'34"W.; to lat. 38°10'00"N., long. 76°49'59"W.; to lat. 38" 13'00"N., long. 76°54'34"W.; to the point of beginning.

Designated Altitudes. Surface to 40,000 feet MSL.

Time of designation. 0800-l 700 local time, Monday-Friday, other times by NOTAM 48 hours in advance.

Controlling agency. FAA, Washington ARTCC.

Using agency. Commander, Naval Surface Weapons Center, Dahlgren, VA.

R–6613B Dahlgren Complex, VA

Boundaries. Beginning at lat. 38° 15'45"N., long. 76°51'59"W.; to lat. 38°13'30"N., long. 76°46'34"W.; to lat. 38°10'00"N., long. 76°49'59"W.; to lat. 38°13'00"N., long. 76°54'34"W.; to the point of beginning.

Designated Altitudes. 40,000 feet MSL to 60,000 feet MSL.

Time of designation. By NOTAM issued 48 hours in advance.

Controlling agency. FAA, Washington ARTCC.

Using agency. Commander, Naval Surface Weapons Center, Dahlgren, VA.

§ 73.67 Washington

R–6701 Admiralty Inlet, WA

Boundaries. Beginning at lat. 48°09°59"N., long. 122°34'53"W.; to lat. 48°05'44"N., long. 122°31'35"W.; to lat. 48°06'05"N., long., 122°41'17"W.; to lat. 48°09'59"N., long. 122°41'01"W.; to the point of beginning.

Designated Altitudes. Surface to 5,000 feet MSL.

Time of designation. Intermittent by NOTAM two hours in advance.

Controlling agency. Whidbey Island NAS Approach Control, WA.

Using agency. U.S. Navy, Commanding Officer, NAS Whidbey Island, Oak Harbor, WA.
AMENDMENTS 5/27/93 58 FR 17323 (Amended)

R–6703A Fort Lewis, WA
Boundaries. Beginning at lat. 47°03'07"N., long. 122°41'09"W.; to lat. 47°04'34"N., long. 122°41'09"W.; to lat. 47°04'41"N., long. 122°38'19"W.; to lat. 47°03'37"N., long. 122°35'40"W.; to lat. 46°58'16"N., long. 122°37'44"W.; thence via the Nisqually River to the point of beginning.
Designated Altitudes. Surface to 14,000 feet MSL.
Time of designation. 0700–2300 Monday-Friday; other times by NOTAM two hours in advance.
Controlling agency. FAA, Seattle-Tacoma Approach Control, WA.
Using agency. Commanding General, Fort Lewis, WA.
AMENDMENTS 6/30/88 53 FR 15021 (Amended)

R–6703B Fort Lewis, WA
Boundaries. Beginning at lat. 47°03'37"N., long. 122°35'40"W.; to lat. 47°02'35"N., long. 122°34'52"W.; to lat. 47°00'45"N., long. 122°34'52"W.; to lat. 46°59'59"N., long. 122°35'39"W.; to lat. 46°58'16"N., long. 122°37'44"W.; to the point of beginning.
Designated Altitudes. Surface to 5,000 feet MSL.
Time of designation. 0700-2300 Monday-Friday; other times by NOTAM two hours in advance.
Controlling agency. FAA, Seattle-Tacoma Approach Control, WA.
Using agency. Commanding General, Fort Lewis, WA.
AMENDMENTS 6/30/88 53 FR 15021 (Amended)

R–6703C Fort Lewis, WA
Boundaries. Beginning at lat. 46°58'16"N., long. 122°37'44"W.; to lat. 46°54'34"N., long. 122°41'29"W.; to lat. 46°54'17"N., long. 122°43'36"W.; to lat. 46°55'11"N., long. 122°44'34"W.; to lat. 47°03'07"N., long. 122°41'09"W.; thence via the Nisqually River to the point of beginning.
Designated Altitudes. Surface to 14,000 feet MSL.
Time of designation. Intermittent by NOTAM two hours in advance.
Controlling agency. FAA, Seattle-Tacoma Approach Control, WA.
Using agency. Commanding General, Fort Lewis, WA.
AMENDMENTS 6/30/88 53 FR 15021 (Amended)

R–6703D Fort Lewis, WA
Boundaries. Beginning at lat. 47°03'37"N., long. 122°35'40"W.; to lat. 47°02'13"N., long. 122°32'19"W.; to lat. 47°01'47"N., long. 122°31'42"W.; to lat. 47°00'59"N., long. 122°31'41"W.; to lat. 47°00'41"N., long. 122°33'16"W.; to lat. 47°00'29"N., long. 122°33'20"W.; to lat. 46°59'59"N., long. 122°35'39"W.; to lat. 47°00'45"N., long. 122°34'52"W.; to lat. 47°02'35"N., long. 122°34'52"W.; to the point of beginning.
Designated Altitudes. Surface to 5,000 feet MSL.
Time of designation. 0700–2300 Monday-Friday; other times by NOTAM two hours in advance.
Controlling agency. FAA, Seattle-Tacoma Approach Control, WA.
Using agency. Commanding General, Fort Lewis, WA.
AMENDMENTS 6/30/88 53 FR I5021 (Amended)

R–6714A Yakima, WA
Boundaries. Beginning at lat. 46°50'59"N., long. 119°58'04"W.; along the west shore of the Columbia River to lat. 46°42'29"N., long. 119°58'19"W.; to lat. 46°32'59"N., long. 120°04'04"W.; to lat. 46°36'59"N., long. 120°20'04"W.; to lat. 46°42'59"N., long. 120°26'42"W.; to lat. 46°50'59"N., long. 120°21'34"W.; to lat. 46°50'59"N., long. 120°16'34"W.; to lat. 46°54'34"N., long. 120°15'01"W.; clockwise along the arc of a 12-mile radius circle centered at lat. 46°44'44"N., long. 120°20'04"W.; to lat. 46°51'12"N., long. 120°08'10"W.; to the point of beginning.
Designated Altitudes. Surface to 29,000 feet MSL.
Time of designation. Intermittent by NOTAM.
Controlling agency. FAA, Seattle ARTCC.
Using agency. Commanding General, Fort Lewis, WA.

PENDING AMENDMENT
By removing the present boundaries and altitudes and substituting the following:
Boundaries. Beginning at lat. 46°51'15"N., long. 119°57'57"W.; thence south along the west edge of the Columbia River to lat. 46°42'28"N., long. 119°58'19"W.; to lat. 46°35'04"N., long. 120°02'50"W.; to lat. 46°37'50"N., long. 120°20'26"W.; to lat. 46°38'29"N., long. 120°20'25"W.; to lat. 46°38'59"N., long. 120°22'13"W.; to lat. 46°42'19"N., long. 120°26'12"W.; thence north along the east side of Interstate Highway 82 to lat. 46°47'49"N., long. 120°21'19"W.; to lat. 46°51'09"N., long. 120°09'02"W.; thence to the point of beginning.
Designated Altitudes. Surface to but not including 29,000 feet MSL.
AMENDMENTS 6/20/96 61 FR 18062 (Amended)

R–6714B Yakima, WA
Boundaries. Beginning at lat. 46°42'29"N., long. 119°58'19"W.; along the west shore of the Columbia River to lat. 46°38'29"N., long. 119°55'34"W.; to lat.

46°32'59"N., long. 119°55'34"W.; to lat. 46°32'59"N., long. 120°04'04"W.; to the point of beginning.
Designated Altitudes. Surface to 29,000 feet MSL.
Time of designation. Intermittent by NOTAM.
Controlling agency. FAA, Seattle ARTCC.
Using agency. Commanding General, Fort Lewis, WA.

PENDING AMENDMENT
By removing the present boundaries and altitudes and substituting the following:
Boundaries. Beginning at lat. 46°42'28"N., long. 119°58'19"W.; thence south along the west edge of the Columbia River to lat. 46°38'59"N., long. 119°56'09"W.; to lat. 46°38'08"N., long. 119°56'13"W.; to lat. 46°38'08"N., long. 119°55'04"W.; to lat. 46°33'55"N., long. 119°55'04"W.; to lat. 46°35'04"N., long. 120°02'50"W.; thence to the point of beginning.
Designated Altitudes. Surface to but not including 29,000 feet MSL.
AMENDMENTS 6/20/96 61 FR 18062 (Amended)

R–6714C Yakima, WA
Boundaries. Beginning at lat. 46°32'59"N., long. 120°04'04"W.; to lat. 46°32'59"N., long. 120°09'04"W.; to lat. 46°36'59"N., long. 120°20'04"W.; to the point of beginning.
Designated Altitudes. Surface to 29,000 feet MSL.
Time of designation. Intermittent by NOTAM.
Controlling agency. FAA, Seattle ARTCC.
Using agency. Commanding General, Fort Lewis, WA.

PENDING AMENDMENT
By removing the present boundaries and altitudes and substituting the following:
Boundaries. Beginning at lat. 46o33'55"N., long. 119o55'04"W.; to lat. 46o32'50"N., long. 119o55'04"W.; to lat. 46o32'50"N., long. 120o04'25"W.; to lat. 46o37'03"N., long. 120o20'26"W.; to lat. 46o37'50"N., long. 120o20'26"W.; to lat. 46o35'04"N., long. 120o02'50"W.; thence to the point of beginning.
Designated Altitudes. Surface to but not including 29,000 feet MSL.
AMENDMENTS 6/20/96 61 FR 18062 (Revised)

R–6714D Yakima, WA
Boundaries. Beginning at lat. 46°42'59"N., long. 120°26'42"W.; to lat. 46°36'59"N., long. 120°20'04"W.; to lat. 46°40'34"N., long. 120°26'39"W.; to the point of beginning.
Designated Altitudes. Surface to 29,000 feet MSL.
Time of designation. Intermittent by NOTAM.
Controlling agency. FAA, Seattle ARTCC.
Using agency. Commanding General, Fort Lewis, WA.

PENDING AMENDMENT
By removing the present boundaries and altitudes and substituting the following:
Boundaries. Beginning at lat. 46o38'59"N., long. 120o22'13"W.; to lat. 46o38'59"N., long. 120o23'45"W.; to lat. 46o40'34"N., long. 120o26'39"W.; to lat. 46042' 19"N., long. 120026' 12"W.; thence to the point of beginning.
Designated Altitudes. Surface to but not including 29,000 feet MSL.
AMENDMENTS 6/20/96 61 FR 18062 (Amended)

R–6714E Yakima, WA
Boundaries. Beginning at lat. 46°50'59"N., long. 119° 58'04" W.; along the west shore of the Columbia River to lat. 46°38'29"N., long. 119°55'34"W.; to lat. 46°32'59"N., long. 119°55'34"W.; to lat. 46°32'59"N., long. 120°09'04"W.; to lat. 46°36'59"N., long. 120°20'04"W.; to lat. 46°40'34"N., long. 120°26'39"W.; to lat. 46°42'59"N., long. 120°26'42"W.; to lat. 46°50'59"N., long. 120°21'34"W.; to lat. 46°50'59"N., long. 120°.16'34"W.; to lat. 46°54'34"N., long. 120°15'01"W.; clockwise along the arc of a 12–mile radius circle centered at lat. 46°44'44"N., long. 120°20'04"W.; to lat. 46°51'12"N., long. 120°08'10"W.; to the point of beginning.
Designated Altitudes. 29,000 feet MSL to and including 55,000 feet MSL.
Time of designation. Intermittent by NOTAM.
Controlling agency. FAA, Seattle ARTCC.
Using agency. U.S. Army, Commanding General, Fort Lewis, WA.

PENDING AMENDMENT
By removing the present boundaries and altitudes and substituting the following:
Boundaries. Beginning at lat. 46°51' 15"N., long. 119°57'57"W.; thence south along the west side of the Columbia River to lat. 46°42'28"N., long. 119°58'19"W.; thence south along the west side of the Columbia River to lat. 46°38'59"N., long. 119°56'09"W.; to lat. 46°38'08"N., long. 119°56'13"W.; to lat. 46°38'08"N., long. 119°55'04"W.; to lat. 46°33'55"N., long. 119°55'04"W.; to lat. 46°33'19"N., long. 119°55'04"W.; to lat. 46°32'50"N., long. 119°55'04"W.; to lat. 46°32'50"N., long. 120°04'25"W.; to lat. 46°37'03"N., long. 120°20'26"W.; to lat. 46°37'50"N., long. 120°20'26"W.; to lat. 46°38'29"N., long. 120°20'25"W.; to lat. 46°38'59"N., long. 120°22'13"W.; to lat. 46°38'59"N., long. 120°23'45"W.; to lat. 46°40'34"N., long. 120/26'39"W.; to lat. 46°42'19"N., long. 120°26'12"W.; thence north along the east side of Interstate

Highway 82 to lat. 46°47'49"N., long. 120°21'19"W.; thence north along the east side of Interstate Highway 82 to lat. 46°49'35"N., long. 120°21'38"W.; to lat. 46°51'09"N., long. 120°21'38"W.; to lat. 46°51'09"N., long. 120° 16'34"W.; to lat. 46°54'29"N., long. 120°15'04"W.; to the point of beginning.

Designated Altitudes. 29,000 feet MSL to but not including 55,000 feet MSL.

AMENDMENTS 6/20/96 61 FR 18062 (Amended)

PENDING AMENDMENT

R–6714F Yakima, WA

Boundaries. Beginning at lat. 46°47'49"N., long. 120°21' 19"W.; thence north along the east side of Interstate Highway 82 to lat. 46°49'35"N., long. 120°21'38"W.; to lat. 46°51'09"N., long. 120°21'38"W.; to lat. 46°51'09"N., long. 120°09'02"W'; thence to point of beginning.

Designated Altitudes. Surface to 29,000 feet MSL.

Time of designation. Intermittent by NOTAM.

Controlling agency. FAA, Seattle ARTCC.

Using agency. U.S. Army, Commanding General, Fort Lewis, WA.

AMENDMENTS 6/20/96 61 FR 18062 (Added)

PENDING AMENDMENT

R-67146 Yakima, WA

Boundaries. Beginning at lat. 46°51'09"N., long. 120" 16'34"W.; to lat. 46°54'29"N., long. 120°15'04"W.; to lat. 46°51'15"N., long. 119°57'57"W.; to lat. 46°51'09"N., long. 120°08'54"W.; thence to the point of beginning.

Designated Altitudes. Surface to but not including 29,000 feet MSL.

Time of designation. Intermittent by NOTAM.

Controlling agency. FAA, Seattle ARTCC.

Using agency. U.S. Army, Commanding General, Fort Lewis, WA.

AMENDMENTS 6/20/96 61 FR 18062 (Added)

PENDING AMENDMENT

R–6714H Yakima, WA

Boundaries. Beginning at lat. 46°54'58"N., long. 120°00'33"W.; excluding that airspace within a 1.5–mile radius of the Vantage Airport to lat. 46°54'39"N., long. 119°59'31"W.; thence south along the west side of the Wanpaum Road to lat. 46°51'15"N., long. 119°57'57"W,; to lat. 46°54'29"N., long. 120°15'04"W,; to lat. 46°55'20"N., long. 120°15'04"W., thence to the point of beginning.

Designated Altitudes. Surface to but not including 5,500 feet MSL.

Time of designation. Intermittent by NOTAM.

Controlling agency. FAA, Seattle ARTCC.

Using agency. U.S. Army, Commanding General, Fort Lewis, WA.

AMENDMENTS 6/20/96 61 FR 18062 (Added)

§ 73.68 West Virginia

§ 73.69 **Wisconsin**

R–6901A Fort McCoy, WI

Boundaries. Beginning at lat. 44°08'40"N., long. 90°44'20"W.; to lat. 44°08'40"N., long. 90°40'22"W.; to lat. 44°09'36"N., long. 90°40'22"W.; to lat. 44°09'36"N., long. 90°36'50"W.; to lat. 44°00'10"N., long. 90°36'41"W.; west along Wisconsin State Highway 21; to lat. 44°00'03"N., long. 90°43'10"W.; to lat. 44°00'03"N., long. 90°44'40"W.; to lat. 44°02'45"N., long. 90°44'30"W.; to the point of beginning.

Designated Altitudes. Surface to 20,000 feet MSL.

Time of designation. May 1 through September 30 – Continuous; October 1 through April 30 – 0800-2200 Monday-Thursday and 0800 Friday – 2200 Sunday; other times by NOTAM issued at least 24 hours in advance.

Controlling agency. FAA, Minneapolis ARTCC.

Using agency. U.S. Army, Commanding Officer, Fort McCoy, WI.

AMENDMENTS 2/1 2/87 51 FR 44597 (Added)

R–6901B Fort McCoy, WI

Boundaries. Beginning at lat. 44°00'03"N., long. 90°43'10"W.; east along Wisconsin State Highway 21; to lat. 44°00'10"N., long. 90°36'41"W.; to lat. 44°00'02"N., long. 90°36'35"W.; to lat. 44°00'02"N., long. 90°35'15"W.; to lat. 43°56'22"N., long. 90°35'22"W.; to lat. 43°56'22"N., long. 90° 39'OO"W.; to lat. 43°56'38"N., long. 90°41'00"W.; to lat. 43 °56'44"N., long. 90°43'17"W.; to the point of beginning.

Designated Altitudes. Surface to 20,000 feet MSL.

Time of designation. By NOTAM issued 24 hours in advance.

Controlling agency. FAA, Minneapolis ARTCC.

Using agency. U.S. Army, Commanding Officer, Fort McCoy, WI.

AMENDMENTS 2/12/87 51 FR 44597 (Added)

R-6903 Sheboygan, WI

Boundaries. Beginning at lat. 43°19'00"N., long. 87°41'00"W.; to lat. 44°05'30"N., long. 87°29'45"W.; to lat. 44°02'00"N., long. 87°02'30"W.; to lat. 43°15'30"N., long. 87 ° 14'00" W.; to the point of beginning.

Designated Altitudes. Surface to FL 450.

Controlling agency. FAA, Chicago ARTCC.

Time of designation. Intermittent by NOTAM.

Using agency. Commander, Volk Field, WI.

AMENDMENTS 9114195 60 FR 37938 (Amended)

R–6904A Volk Field, WI

Boundaries. Beginning at lat. 44° 18'00"N., long. 89°59'00"W.; to lat. 44°10'00"N., long. 89°59'00"W.; to lat. 44°10'00"N., long. 90°11'00"W.; to lat. 44°18'00"N., long. 90° 11'00"W.; thence to the point of beginning excluding that airspace within R–6904B.

Designated Altitudes. 150 feet AGL to 17,000 feet MSL.

Time of designation. 0800-1600 local time, Tuesday through Saturday. Other times by NOTAM.

Controlling agency. FAA, Minneapolis ARTCC.

Using agency. Commander, Volk Field, WI.

AMENDMENTS 9114195 60 FR 37938 (Amended)

R–6904B Volk Field, WI

Boundaries. Beginning at lat. 44° 15'00"N., long. 89°59'00"W.; to lat. 44°13'00"N., long. 89°59'00"W.; to lat. 44°13'00"N., long. 90°07'00"W.; to lat. 44°15'00"N., long. 90°07'00"W.; thence to the point of beginning.

Designated Altitudes. Surface to 17,000 feet MSL.

Time of designation. 0800-1600 local time, Tuesday through Saturday. Other times by NOTAM."

Controlling agency. FAA, Minneapolis ARTCC.

Using agency. Commander, Volk Field, WI.

AMENDMENTS 9114195 60 FR 37938 (Amended)

873.70 Wyoming

R-7001A Guernsey, WY

Boundaries. Beginning at lat. 42°27'30"N., long. 104°52'32"W.; to lat. 42°27'30"N., long. 104°42'32"W.; to lat. 42°22'30"N., long. 104°42'32"W.; to lat. 42°20'00"N., long. 104°52'32"W.; to the point of beginning.

Designated Altitudes. Surface to but not including 8,000 feet MSL.

Time of designation. Intermittent, 24 hours in advance by NOTAM.

Controlling agency. FAA, Denver ARTCC.

Using agency. Adjutant General, State of Wyoming.

R–7001B Guernsey, WY

Boundaries. Beginning at lat. 42°27'30"N., long. 104°52'32"W.; to lat. 42°27'30"N., long. 104°52'32"W.; to lat. 42°27'30"N., long. 104°42'32"W.; to lat. 42°22'30"N., long. 104°42'32"W.; to lat. 42°20'00"N., long. 104°52'32"W.; to the point of beginning.

Designated Altitudes. 8,000 feet MSL to 23,500 feet MSL.

Time of designation. Intermittent, 24 hours in advance by NOTAM.

Controlling agency. FAA, Denver ARTCC.

Using agency. Adjutant General, State of Wyoming.

R-7001C Guernsey, WY

Boundaries. Beginning at lat. 42°27'30"N., long. 104°52'32"W.; to lat. 42°27'30"N., long. 104°42'32"W.; to lat. 42°22'30"N., long. 104°42'32"W.; to lat. 42°20'00"N., long. 104°52'32"W.; to the point of beginning.

Designated Altitudes. 23,500 feet MSL to 30,000 feet MSL.

Time of designation. Intermittent, 24 hours in advance by NOTAM.

Controlling agency. FAA, Denver ARTCC

Using agency. Adjutant General, State of Wyoming

§ 73.71 Puerto Rico

R–7103A Salines, PR

Boundaries. Beginning at lat. 18°02'53"N., long. 66°14'34"W.; to lat. 18°01'09"N., long. 66°15'13"W.; to lat. 17°59'50"N., long. 66°15'59"W.; to lat. 17°59'09"N., long. 66°17'10"W.; to lat. 18°00'53"N., long. 66°19'57"W.; to lat. 18°01'46"N., long. 66°18'52"W.; to lat. 18°02'27"N., long. 66°18'46"W.; to lat. 18°03'18"N., long. 66°17'53"W.; to lat. 18°04'00"N., long. 66°16'59"W.; to the point of beginning.

Designated Altitudes. Surface to 12,000 feet MSL.

Time of designation. Intermittent, activated 24 hours in advance by NOTAM.

Controlling agency. FAA, San Juan CERAP.

Using agency. The Adjutant General, Commonwealth of Puerto Rico.

R-7103B Salinas, PR

Boundaries. Beginning at lat. 18°02'53"N., long. 66°14'34"W.; to lat. 18°02'30"N., long, 66°13'38"W.; to lat. 17°58'46"N., long. 66°15'21"W.; to lat. 17°58'23"N., long. 66°16'29"W.; to lat. 17°58'53"N., long. 66°17'36"W.; to lat. 17°59'09"N., long. 66°17'10"W.; to lat. 17°59'49"N., long. 66°15'59"W.; to lat. 18°01'09"N., long. 66°15'13"W.; to the point of beginning.

Designated Altitudes. 3,000 feet MSL to 12,000 feet MSL.

Time of designation. Intermittent, activated 24 hours in advance by NOTAM.

Controlling agency. FAA, San Juan CERAP.

Using agency. The Adjutant General, Commonwealth of Puerto Rico.

R–7103C Salinas, PR

Boundaries. Beginning at lat. 17°59'09"N., long. 66°17'10"W.; to lat. 17°58'53"N., long. 66°17'36"W.; to lat. 17°59'37"N., long. 66°19'16"W.; to lat. 18°00'20"N., long. 66°18'57"W.; to the point of beginning.

Designated Altitudes. 2,000 feet MSL to 12,000 feet MSL.

Time. of designation. Intermittent, activated 24 hours in advance by NOTAM.

Controlling agency. FAA, San Juan CERAP.
Using agency. The Adjutant General, Commonwealth of Puerto Rico.

R-7104 Vieques Island, PR
Boundaries. The airspace over Vieques Island and the surrounding waters beginning at lat. 18°02'38"N., long. 65°27'04"W.; to lat. 18°13'03"N., long. 65°25'26"W.; thence clockwise along the 3-nautical-mile limit from the shoreline to the point of beginning.
Designated Altitudes. Surface to FL 500.
Time of designation. Intermittent, 0600-2300 local time, daily; other times by NOTAM 24 hours in advance.
Controlling agency. FAA, San Juan ARTCC.
Using agency. Commanding Officer, Atlantic Fleet Weapons Training Facility, NS, Roosevelt Roads, PR.
AMENDMENTS 7/30/87 52 FR 21249 (Amended)

R-7105 Lajas, PR
Boundaries. That airspace within a 3-nautical-mile radius centered on lat. 17°58'38"N., long. 67°04'54"W.
Designated Altitudes. Surface to and including 15,000 feet MSL.
Times of designation. Continuous.
Controlling agency. FAA, San Juan CERAP.
Using agency. Puerto Rico Police Department.
AMENDMENTS 3/8/90 55 FR 1806 (Added)

§ 73.72 Guam

R-7201 Farallon De Medinilla Island Mariana Islands, GU
Boundaries. The area within a 3–nautical–mile radius of lat. 16°01'04"N., long. 146°04'39"E.
Designated Altitudes. Surface to FL 600.
Time of designation. As activated by NOTAM 12 hours in advance.
Controlling agency. FAA, Guam Center/RAPCON.
Using agency. Commander, Naval Forces, Marianas.

SUBPART C – PROHIBITED AREAS

§ 73.81 Applicability.

This subpart designates prohibited areas and prescribes limitations on the operation of aircraft therein.

§ 73.83 Restrictions.

No person may operate an aircraft within a prohibited area unless authorization has been granted by the using agency.

$73.85 Using Agency.

For the purpose of this subpart, the using agency is the agency, organization or military command that established the requirements for the prohibited area.Note: Sections §73.87 through §73.99 are reserved for descriptions of designated prohibited areas.

§ 73.87 P-56 District of Columbia Boundaries.

A. Beginning at the southwest corner of the Lincoln Memorial (lat. 38°53'20"N., long. 77°03'02"W.); thence via a 327" bearing, 0.6 mile, to the intersection of New Hampshire Avenue and Rock Creek and Potomac Parkway, NW (lat. 38°53'45"N., long. 77°03'23"W.); thence northeast along New Hampshire Avenue, 0.6 mile, to Washington Circle, at the intersection of New Hampshire Avenue and K Street, NW (lat. 38°54'08"N., long. 77°03'01"W.); thence east along K Street, 2.5 miles, to the railroad overpass between First and Second Streets, NE (lat. 38°54'08"N., long. 77°00'13"W.); thence southeast via a 158° bearing, 0.7 mile, to the southeast comer of Stanton Square, at the intersection of Massachusetts Avenue and Sixth Street, NE (lat. 38°53'35"N., long. 76°59'56"W.); thence southwest via a 211 ° bearing, 0.8 mile, to the Capitol Power Plant at the intersection of New Jersey Avenue and E Street, SE (lat. 38°52'59"N., long. 77°00'24"W.); thence west via a 265° bearing, 0.7 mile, to the intersection of the Southwest Freeway (Interstate Route 95) and Sixth Street, SW extended (lat. 38°52'56"N., long. 77°01'12"W.); thence north along Sixth Street, 0.4 mile, to the intersection of Sixth Street and Independence Avenue, SW (lat. 38°53'15"N., long. 77°01'12"W.); thence west along the north side of Independence Avenue, 0.8 mile, to the intersection of Independence Avenue and 15th Street, SW (lat. 38°53'16"N., long. 77°02'01"W.); thence west along the .southem lane of Independence Avenue, 0.4 mile to the west end of the Kutz Memorial Bridge over the Tidal Basin (lat. 38°53'12"N., long. 77°02'27"W.); thence west via a 285° bearing, 0.6 mile, to the southwest comer of the Lincoln Memorial, to the point of beginning. B. That area within a 1/2–mile–radius from the center of the U. S. Naval Observatory located between Wisconsin and Massachusetts Avenues at 34th Street, NW (lat. 38°55'17"N., long. 77°04'01"W.).

Designated Altitudes. Surface to 18,000 feet MSL.
Time of designation. Continuous.
Using agency. Administrator, FAA, Washington, DC.

§ 73.89 P-47 Amarillo, TX

Boundaries. Beginning at lat. 35°21'09"N., long. 101°37'05"W.; to lat. 35°21'11"N., long. 101°32'29"W.; to lat. 35°18'09"N., long. 101°32'29"W.; to lat. 35° 18'09"N., long. 101°34'50"W.; to lat. 35°17'55"N., long. 101°35'10"W.; to lat. 35°17'55"N., long. 101°35'39"W.; to lat. 35°19'05"N., long. 101°35'42"W.; to lat. 35°19'05"N., long. 101°36'06"W.; to lat. 35°18'02"N., long. 101°36'29"W.; to lat. 35°18'02"N., long. 101°37'05"W.; to the point of beginning.

Designated Altitudes. Surface to 4,800 feet MSL (1,200 feet AGL).
Time of designation. Continuous.
Using agency. Manager, Pantex Field Office, Department of Energy, Amarillo, TX.

$73.90 P-40 Thurmont, MD

Boundaries. That airspace within a 3 NM radius of the Naval Support Facility, lat. 39°38'53"N., long. 77°28'00"W.

Designated Altitudes. Surface to but not including 5,000 feet MSL.
Time of designation. Continuous.
Using agency. Administrator, FAA, Washington, DC.

§ 73.91 P-73 Mount Vernon, VA

Boundaries. That airspace within a 0.5-mile radius of lat. 38°42'28"N., long. 77°05'10"W.

Designated Altitudes. Surface to but not including 1,500 feet MSL.
Time of designation. Continuous.
Using agency. Administrator, FAA, Washington, DC.

§ 73.94 P–67 Kennebunkport, ME

Boundaries. A circular area of l-mile radius centered on lat. 43°20'40"N., long. 70°27'34"W.

Designated Altitudes. Surface to 1,000 feet MSL.
Time of designation. Continuous.
Using agency. Administrator, FAA, Washington, DC.

NONREGULATORY SPECIAL USE AIRSPACE

General.

Horizontal Limits. The horizontal limits of special use airspace are defined by geographic coordinates or other appropriate references that clearly describe their Boundaries.

Vertical Limits.

a. Vertical limits are established as necessary to contain the planned activities.

b. Within areas solely containing aircraft operations, altitudes at or above 18,000 feet MSL are expressed as flight levels. Within areas containing other than aircraft operations, altitudes at or above 18,000 feet MSL are expressed as feet above mean sea level (MSL).

c. Below 18,000 feet MSL, altitudes are expressed to the nearest 100 feet. Above 18,000 feet MSL, altitudes/flight levels are to the nearest 500 feet.

d. Procedures for determining the floor of special use airspace vary according to area type and are contained in the appropriate chapters in Handbook 7400.2 Procedures for Handling Airspace Matters.

e. Ceilings are expressed as flight levels or feet above MSL. Unless otherwise specified, the word "to" an altitude or flight level means "to and including" that altitude or flight level. If the vertical limit does not include the altitude or flight level, the ceiling is expressed as "to but not including."

Times of use. Times of use are expressed in the local time of the using agency using the 24–hour clock.

Controlling agency. An FAA or military facility is assigned as the Controlling agency. This is not applicable, when the airspace will not be joint use.

Using agency. Normally, the using agency is the agency, organization or military command whose activity established the requirement for the special use airspace. An ATC facility may be the using agency for joint use areas when the facility is specified in a letter of procedure as having priority for use of the area.

MILITARY OPERATIONS AREAS

Definition.
A Military Operations Area (MOA) is airspace established outside positive control area to separate/segregate certain nonhazardous military activities from IFR traffic and to identify for VFR traffic where these activities are conducted.

Activities.
MOA's are established to contain certain military activities such as air combat maneuvers, air intercepts, acrobatics, etc.

Abel Bravo MOA, CA
Boundaries. Beginning at lat. 32°56'30"N., long. 115°27'03"W.; to lat. 32°57'00"N., long. 115°10'53"W.; to lat. 32°51'00"N., long. 115°05'33"W.; to lat. 32°51'00"N., long. 115°26'03"W.; to the point of beginning, excluding R-25 12.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. 0500 to 2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC
Using agency. U.S. Marine Corps, Marine Corps Air Station, Yuma, AZ
ADDED 9/1 6/93

Abel East MOA, CA
Boundaries. Beginning at lat. 33°15'30"N., long. 114°55'33"W.; to lat. 33°03'00"N., long. 114°45'03"W.; to lat. 32°51'00"N., long. 114°45'03"W.; to lat. 32°51'00"N., long. 115°05'33"W.; to lat. 32°57'00"N., long. 115°.10'53"W.; to lat. 33°08'45"N., long. 114°56'43"W.; to the point of beginning.
Altitudes. 5,000 feet MSL to but not including 13,000 feet MSL.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC
Using agency. USMC, MCAS Yuma, AZ
ADDED 3/8/90

Abel North MOA, CA
Boundaries. Beginning at lat. 33°32'40"N., long. 115°33'53"W.; to lat. 33°31'00"N., long. 115°04'03"W.; to lat. 33°15'30"N., long. 114°55'33"W.; to lat. 33°08'45"N., long. 114°56'43"W.; to lat. 33°01'00"N., long. 115°06'03"W.; to lat. 33°21'30"N., long. 115°32'58"W.; to lat. 33°23'40"N., long. 115°33'23"W.; to lat. 33°28'30"N., long. 115°42'13"W.; to the point of beginning, excluding R-2507N and R–2507S.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. 0500 to 2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC
Using agency. U.S. Marine Corps, Marine Corps Air Station, Yuma, AZ
ADDED 9/16/93

Abel South MOA, CA
Boundaries. Beginning at lat. 33°21'30"N., long. 115°32'58"W.; to lat. 33°01'00"N., long. 115°06'03"W.; to lat. 32°57'00"N., long. 115°10'53"W.; to lat. 32°56'30"N., long. 115°27'03"W.; to the point of beginning, excluding R-2512.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. 0500 to 2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC
Using agency. U.S. Marine Corps, Marine Corps Air Station, Yuma, AZ
ADDED 9/1 6/93

Ada East MOA, KS
Boundaries. Beginning at lat. 39°07'40"N., long. 97°38'01"W.; to lat. 39°37'30"N., long. 97°39'01"W.; to lat. 39°46'30"N., long. 97°00'01"W.; to lat. 39°05'30"N., long. 97°00'01 "W.; to lat. 39°01'30"N., long. 97°23'46" W.; thence counterclockwise along the 12 NM DME arc of the Salina VORTAC to the point of beginning.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. Sunrise-sunset Monday-Friday; occasional use on weekends by NOTAM.
Controlling agency. FAA, Kansas City ARTCC
Using agency. 184th Tactical Fighter Group, McConnell AFB, Wichita, KS
BOUNDARIES CHANGED 6/1 /89

Ada West MOA, KS
Boundaries. Beginning at lat. 39°02'00"N., long. 97°50'21"W.; to lat. 39°08'00"N., long. 98°30'01"W.; to lat. 39°26'00"N., long. 98°30'01"W.; to lat. 39°37'30"N., long. 97°39'01"W.; to lat. 39°07'40"N., long. 97°38'01"W.; thence counterclockwise along the 12 NM DME arc of the Salina VORTAC to the point of beginning.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. Sunrise-sunset Monday-Friday; occasional use on weekends by NOTAM.
Controlling agency. FAA, Kansas City ARTCC
Using agency. 184th Tactical Fighter Group, McConnell AFB, Wichita, KS
BOUNDARIES CHANGED 6/1 /89

Anne High MOA, AR
Boundaries. Beginning at lat. 33 °06'00"N., long. 93°45'01"W.; to lat. 33°26'00"N., long. 93°42'01"W.; to lat. 33°26'00"N., long. 93°01'16"W.; to lat. 33°01'00"N., long. 93° 15'01 "W.; thence to the point of beginning.
Altitudes. 7,000 feet MSL to but not including FL 180.

Times of use. Sunrise-sunset, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC
Using agency. USAF, 917th Tactical Fighter Group (TFG), Barksdale AFB, LA
CORRECTION TO STATE AND ALTITUDES CHANGED 5/27/93

Anne Low MOA, AR
Boundaries. Beginning at lat. 33°06'00"N., long. 93°45'01"W.; to lat. 33°26'00"N., long. 93°42'01"W.; to lat. 33°26'00"N., long. 93°01'16"W.; to lat. 33°01'00"N., long. 93°15'01"W.; thence to the point of beginning.
Altitudes. 100 feet AGL to but not including 7,000 feet above MSL, excluding that airspace 1,500 feet AGL and below within the Magnolia Municipal Airport, Magnolia, Arkansas, exclusion beginning at lat. 33°06'00"N., long. 93°12'31"W.; to lat. 33°10'40"N., long. 93°14'11"W.; thence via a 3-nautical mile arc from the Magnolia Municipal Airport (lat. 33°13'45"N., long. 93°13'01"W.) to lat. 33°16'00"N., long. 93°15'51"W.; to lat. 33°26'00"N., long. 93°09'31"W.; thence clockwise via the MOA boundary to point of beginning.
Times of use. Sunrise to sunset, Monday through Friday; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC
Using agency. USAF, 917th Tactical Fighter Group (TFG), Barksdale AFB, LA
CORRECTION TO STATE 5/27/93

Austin 1 MOA, NV
Boundaries. Beginning at lat. 40°06'00"N., long. 117°48'03"W.; to lat. 40°23'00"N., long. 116°52'03"W.; to lat. 40°25'00"N., long. 116°30'03"W.; to lat. 39°45'00"N., long. 116°30'03"W.; to lat. 39° 10'00"N., long. 117°23'03"W.; to lat. 39°55'00"N., long. 117°26'03"W.; to the point of beginning, excluding: (1) That airspace encompassed by a 3 NM radius centered on the town of Austin, NV, located at approximately lat. 39°29'50"N., long. 117°04'03"W., below 2,000 feet AGL. (2) That airspace encompassed by a 3 NM radius centered on Austin Airport, NV, located at lat. 39°28'05"N., long. 117°11'44"W., below 2,000 feet AGL. (3) That airspace 2 NM either side of State Route 722 to the town of Austin, then 2 NM either side of U.S. Highway 50 to the eastern boundary of the Austin 1 MOA between 2,000 feet AGL and 10,500 feet MSL.
Altitudes. 200 feet AGL up to but not including FL 180.
Times of use. 0800-2100 local time, Monday to Friday; other times by NOTAM.
Controlling agency. FAA, Salt Lake City ARTCC
Using agency. Naval Air Station, Fallon, NV
TIMES OF USE CHANGED 5/30/91

Austin 2 MOA, NV
Boundaries. Beginning at lat. 39° 10'00"N., long. 117°23'03"W.; to lat. 39°45'00"N., long. 116°30'03"W.; to lat. 39°18'00"N., long. 116°30'03"W.; to lat. 38°56'00"N., long. 117°23'03"W.; to the point of beginning, excluding: that airspace 2 NM either side of U.S. Highway 50 between 2,000 feet AGL and 10,500 feet MSL.
Altitudes. 200 feet AGL up to but not including FL 180.
Times of use. 0800-2100 local time, Monday to Friday; other times by NOTAM.
Controlling agency. FAA, Salt Lake City ARTCC
Using agency. Naval Air Station, Fallon, NV
TIMES OF USE CHANGED 5/30/91

Avon East MOA, FL
Boundaries. Beginning at lat. 27°44'46"N., long. 81° 11'39"W.; to lat. 27°44'46"N., long. 81°08'29"W.; to lat. 27°34'01"N., long. 81°04'29"W.; to lat. 27°32'31"N., long. 81°07'29"W.; to lat. 27°35'01"N., long. 81°08'59"W.; to the point of beginning.
Altitudes. 500 feet AGL to but not including 14,000 feet MSL.
Times of use. Intermittently, normally daylight hours, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Miami ARTCC
Using agency. 56 Tactical Training Wing, MacDill AFB, FL

Avon North MOA, FL
Boundaries. Beginning at lat. 28°00'01"N., long. 81°20'59"W.; to lat. 28°00'01"N., long. 81°13'59"W.; to lat. 27°44'46"N., long. 81° 13'59"W.; to lat. 27°44'46"N., long. 81°20'59"W.; to the point of beginning.
Altitudes. 5,000 feet MSL to but not including FL 180.
Times of use. Intermittently, normally daylight hours, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Miami ARTCC,
Using agency. 56 Tactical Training Wing, MacDill AFB, TX

Avon South MOA, FL
Boundaries. Beginning at lat. 27'32'41 "N., long. 81°16'49"W.; to lat. 27°32'41"N., long. 81°12'19"W.; to lat. 27°35'01"N., long. 81°08'59"W.; to lat. 27°32'31"N., long. 81°07'29"W.; to lat. 27°21'01"N., long. 81°59'59"W.; to lat. 27°15'01"N., long. 81°04'59"W.; to lat. 27°29'01"N., long. 81°13'29"W.; to the point of beginning.
Altitudes. 5,000 feet MSL to but not including FL 180.
Times of use. Intermittently, normally daylight hours, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Miami ARTCC
Using agency. 56 Tactical Training Wing, MacDill AFB, TX

Bagdad 1 MOA, AZ
Boundaries. Beginning at lat. 34°40'00"N., long. 114°00'03"W.; to lat. 34°39'25"N., long. 113°04'18"W.; to lat. 34°28'35"N., long. 112°53'43"W.; to lat. 34° 10'00"N., long. 114°00'03"W.; to the point of beginning.
Altitudes. 7,000 feet MSL, or 5,000 feet AGL, whichever is higher, to but not including FL 180.
Times of use. 0600-1900 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC
Using agency. U.S. Air Force, 58th Fighter Wing, Luke AFB, AZ
USING AGENCY CHANGED 10/15/92

Bakersfield MOA, CA
Boundaries. Beginning at lat. 35°40'00"N., long. 118°51'03"W.; to lat. 35°40'00"N., long. 118°35'03"W.; to lat. 35°15'00"N., long. 118°35'03"W.; to lat. 34°56'00"N., long. 118°21'03"W.; to lat. 35°14'00"N., long. 118 ° 42'03 "W.; to the point of beginning.
Altitudes. 2,000 feet AGL to but not including FL 180.
Times of use. 0600-2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC
Using agency. R-2508 Complex Control Board.
NAME AND USING AGENCY CHANGED 4/30/92

Barstow MOA, CA
Boundaries. Beginning at lat. 35°07'00"N., long. 116°34'03"W.; to lat. 35°01'20"N., long. 116°41'03"W.; to lat. 34°56'20"N., long. 117°09'03"W.; thence along the eastern border of R-25 15 and the southern boundary of R-2502E to the point of beginning.
Altitudes. 200 feet AGL to but not including FL 180.
Times of use. 0600-2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Hi-Desert TRACON, Edwards, CA.
Using agency. R-2508 Complex Control Board.
CONTROLLING AGENCY CHANGED 5/27/93

Basinger MOA, FL
Boundaries. Beginning at lat. 27°32'31"N., long. 81°07'29"W.; to lat. 27°34'01"N., long. 81°04'29"W.; to lat. 27°23'16"N., long. 80°56'59"W.; to lat. 27°21'01"N., long. 80°59'59"W.; to the point of beginning.
Altitudes. 500 feet AGL to 5,000 feet MSL, inclusive.
Times of use. Intermittent, normally daylight hours, Monday-Friday; occasionally Saturday and Sunday; contact nearest Flight Service Station.
Controlling agency. FAA, Miami ARTCC, FL
Using agency. 56 Tactical Training Wing, MacDill AFB, TX

Beak A MOA, NM
Boundaries. Beginning at lat. 34°05'00"N., long. 105°44'02"W.; to lat. 34°05'00"N., long. 105°36'02"W.; to lat. 33°34'00"N., long. 105°00'02"W.; to lat. 33°27'00"N., long. 105°00'02"W.; to lat. 33°40'00"N., long. 105°44'02"W.; to the point of beginning.
Altitudes. 12,500 feet MSL up to but not including FL 180.
Times of use. 0600–1800 Monday-Friday. During periods of severe weather on Monday-Friday, it may be necessary to reschedule the Beak MOA's on Saturday and Sunday by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC
Using agency. 479th Tactical Training Wing, Holloman AFB, NM

Beak B MOA, NM
Boundaries. Beginning at lat. 33°40'00"N., long. 105°44'02"W.; to lat. 33°27'00"N., long. 105°00'02"W.; to lat. 33°18'00"N., long. 105°00'02"W.; to lat. 33° 16'00"N., long. 105°44'02"W.; to the point of beginning.
Altitudes. 12,500 feet MSL to but not including FL 180.
Times of use. 0600-1800 Monday-Friday. During periods of severe weather on Monday-Friday, it may be necessary to reschedule the Beak MOA's on Saturday and Sunday by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC
Using agency.479th Tactical Training Wing, Holloman AFB, NM

Beak C MOA, NM
Boundaries. Beginning at lat. 33°16'00"N., long. 105°44'02"W., to lat. 33° 18'00"N., long. 105°00'02"W.; to lat. 33°10'00"N., long. 105°00'02"W.; to lat. 32°57'00"N., long. 105°19'32"W.; to lat. 32°56'30"N., long. 105 ° 44'02"W.; to the point of beginning.
Altitudes. 12,500 feet MSL up to but not including FL 180.
Times of use. 0600–1800 Monday-Friday. During periods of severe weather on Monday-Friday, it may be necessary to reschedule the Beak MOA's on Saturday and Sunday by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC
Using agency. 479th Tactical Training Wing, Holloman AFB, NM

Beaufort 1 MOA, SC
Boundaries. Beginning at lat. 32°34'01"N., long. 80°21'29"W.; to lat. 32°30'46"N., long. 80° 14'59"W.; to lat. 32°30'16"N., long. 80°07'59"W.; thence southwest along the western boundary of Warning Areas W–133/W–134 to lat. 32°29'41"N., long. 80" 10'39"W.;

thence southwest 3 NM from and parallel to the U. S. coast to lat. 32°10'56"N., long. 80°37'39"W.; to lat. 32°16'01"N., long. 80°47'39"W.; to the point of beginning.

Altitudes. 100 feet AGL to 10,000 feet MSL excluding airspace 3,000 feet MSL and below in the following area: Beginning at lat. 32°10'56"N., long. 80°37'39"W.; to lat. 32°16'01"N., long. 80°47'39"W.; to lat. 32°20'30"N., long. 80°41'10"W.; thence clockwise via a 7.5 NM arc centered at lat. 32°13'01"N., long. 80°41'59"W.; to lat. 32°13'21"N., long. 80°33'09"W.; thence southwest 3 NM from and parallel to the U. S. coast to the point of beginning.

Times of use. Intermittent, 4 daylight hours per day, 2 days per month by NOTAM. (Contact nearest Flight Service Station)

Controlling agency. FAA, Jacksonville ARTCC

Using agency. Marine Corps Air Station, Beaufort, SC

Beaufort 2 MOA, SC

Boundaries. Beginning at lat. 32°34'01"N., long. 80°21'29"W.; to lat. 32° 16'01 "N., long. 80°47'39"W.; to lat. 32°19'51"N., long. 80°55'29"W.; to lat. 32°43'41"N., long. 80°42'49"W.; to lat. 32°45'31"N., long. 80°30'59"W.; to lat. 32'44'01 "N., long. 80°30'29"W.; to lat. 32°37'01"N., long. 80°26'59"W.; to the point of beginning. Altitudes. 100 feet AGL to 7,000 feet MSL excluding airspace 3,000 feet MSL and below in the following area: Beginning at lat. 32°20'30"N., long. 80°41'10"W.; to lat. 32°16'01"N., long. 80°47'39"W.; to lat. 32°16'57"N., long. 80°49'31 "W.; thence clockwise via a 7.5 NM arc centered at lat. 32°13'01"N., long. 80°41'59"W.; to the point of beginning.

Times of use. Intermittent, 4 daylight hours per day, 2 days per month by NOTAM. (Contact nearest Flight Service Station)

Controlling agency. FAA, Jacksonville ARTCC

Using agency. Marine Corps Air Station, Beaufort, SC

Beaufort 3 MOA, SC

Boundaries. Beginning at lat. 32°45'31"N., long. 80°30'59"W.; to lat. 32°43'41"N., long. 80°42'49"W.; to lat. 32°19'51"N., long. 80°55'29"W.; to lat. 32°20'31"N., long. 80°55'59"W.; to lat. 32°30'01"N., long. 81°01'29"W.; to lat. 32°35'51"N., long. 81°01'29"W.; to lat. 32°36'46"N., long. 80°59'59"W.; to lat. 32°47'16"N., long. 80°53'59"W.; to lat. 32°48'31"N., long. 80°43'59"W.; to lat. 32°47'11"N., long. 80°31'24"W.; to the point of beginning.

Altitudes. 100 feet AGL to 2,000 feet MSL.

Times of use. Intermittent, 4 daylight hours per day, 2 days per month by NOTAM. (Contact nearest Flight Service Station)

Controlling agency. FAA, Jacksonville ARTCC

Using agency. Marine Corps Air Station, Beaufort, SC

Beaver MOA, MN

Boundaries. Beginning at lat. 47° 30'00"N., long. 93° 36'OO"W.; to lat. 48° 16' 18"N., long. 93° 32'30"W.; to lat. 48°32'00"N., long. 94°00'00"W.; to lat. 48°32'00"N., long. 94°33'00"W.; to lat. 48°06'12"N., long. 94°43'00"W.; to lat. 47°53'00"N., long. 94°43'00"W.; to lat. 47°30'00"N., long. 94°23'00"W.; to the point of beginning.

Altitudes. 300 feet AGL up to but not including 18,000 feet MSL, and excluding the airspace below 1,500 AGL within 3 nautical miles of the following public use airports: Big Falls, Bigfork, Bowstring, Northhome, and Waskish.

Time of designation. 0700-2200, by NOTAM.

Controlling agency. Minneapolis ARTCC,

Using agency. USAF, 148th Fighter Group, Duluth International Airport, MN.

REVISED 7/20/95

Benning MOA, GA

Boundaries. Beginning at lat. 32°33'01"N., long. 84°39'25"W.; to lat. 32°33'01"N., long. 84°30'00"W.; to lat. 32'22'01 "N., long. 84°30'00"W.; to lat. 32° 17'01 "N., long. 84°39'25"W.; to the point of beginning.

Altitudes. 500 feet AGL to and including 8,000 feet MSL.

Times of use. 0700-2000, normally Monday-Friday; occasionally on Saturday and Sunday by NOTAM.

Controlling agency. FAA, Air Traffic Control Tower, Columbus, GA

Using agency. U. S. Army, Fort Benning, GA

Big Bear MOA, MI

Boundaries. Beginning at lat. 46°37'00"N., long. 89°40'01"W.; to lat. 46°56'30"N., long. 88°51'00"W.; to lat. 46°52'00"N., long. 88°32'00"W.; to lat. 46°05'00"N., long. 88°18'00"W.; to lat. 46°05'00"N., long. 88°38'00"W.; to lat. 46°21'00"N., long. 89°22'01"W.; to the point of beginning, excluding the airspace at and below 1,500 feet AGL within a 3 NM radius of the Stambaugh Airport located at lat. 46°04'30"N., long. 88°37'45"W.

Altitudes. 500 feet AGL to but not including FL 180.

Times of use. 0800-1800 daily; other times by NOTAM.

Controlling agency. FAA, Minneapolis ARTCC

Using agency. U.S. Air Force, Northeast Air Defense Sector/DOOS, Griffiss AFB, NY

BOUNDARIES, ALTITUDES, TIMES OF USE AND USING AGENCY CHANGED 1 I /1 4/91

Birmingham 2 MOA, AL

Boundaries. Beginning at lat. 33°00'00"N., long. 87°25'20"W.; to lat. 33°00'00"N., long. 87°05'40"W.; to lat. 32°58'25"N., long. 87°01'20"W.; to lat. 32°26'35"N., long. 87°02'25"W.; to lat. 32°29'10"N., long. 87°42'00"W.; to lat. 32°32'30"N., long. 87°50'00"W.; to

lat. 32°35'30"N., long. 87°59'30"W.; to the point of beginning.

Altitudes. 500 feet AGL to but not including 10,000 feet MSL; excluding the following airspace: (1) lat. 33°00'00"N., long. 87°09'10"W.; to lat. 33°00'00"N., long. 87°05'40"W.; to lat. 32°58'25"N., long. 87°01'20"W.; to lat. 32°52'50"N., long. 87°01'31"W.; to lat. 32°52'50"N., long. 87°09'10"W.; to the point of beginning. From surface to but not including 5,000 feet MSL. (2) lat. 32°38'30"N., long. 87°20'10"W.; to lat. 32°32'30"N., long. 87°02'15"W.; to lat. 32°26'35"N., long. 87°02'25"W.; to lat. 32°28'04"N., long. 87°24'47"W.; to the point of beginning. From surface to but not including 4,000 feet MSL. (3) lat. 32°55'3 l"N., long. 87°31'38"W.; to lat. 32°37'15"N., long. 87°35'40"W.; to lat. 32°38'40"N., long. 87°45'00"W.; to lat. 32°47'11"N., long. 87°43' 16"W.; to the point of beginning. From surface to but not including 4,000 feet MSL.

Times of use. 0700–2200 daily, approximately 5 hours per day; contact nearest Flight Service Station.

Controlling agency. FAA, Atlanta ARTCC

Using agency. Air National Guard, 187 Fighter Group, Montgomery, AL.

USZNG AGENCY CHANGED 10/13/94

Birmingham MOA, AL

Boundaries. Beginning at lat. 33 °00'00"N., long. 87°25'20"W.; to lat. 33°00'00"N., long. 87°05'40"W.; to lat. 32°58'25"N., long. 87°01'20"W.; to lat. 32°26'35"N., long. 87°02'25"W.; to lat. 32°29'50"N., long. 87°53'20"W.; to lat. 32°35'30"N., long. 87°59'30"W.; to the point of beginning.

Altitudes. 10,000 feet MSL to but not including FL 180.

Times of use. 0700–2200 daily; other times by NOTAM. Contact nearest Flight Service Station.

Controlling agency. FAA, Atlanta ARTCC

Using agency. Air National Guard, 187 Fighter Group, Montgomery, AL.

USING AGENCY CHANGED 1 0/13/94

Bishop MOA, CA

Boundaries. Beginning at lat. 37° 12'00"N., long. 118°26'03"W.; to lat. 37°12'00"N., long. 118°00'03"W.; to lat. 37°09'00"N., long. 118°00'03"W.; to lat. 37°02'00"N., long. 118°20'03"W.; to the point of beginning.

Altitudes. 200 feet AGL to but not including FL 180.

Times of use. 0600-2200 Monday-Friday; other times by NOTAM.

Controlling agency. FAA, Los Angeles ARTCC

Using agency. R-2508 Complex Control Board.

NAME AND USING AGENCY CHANGED 4/30/92

Bison MOA, KS

Boundaries. Beginning at lat. 38°33'30"N., long. 99°09'01"W.; to lat. 38°47'30"N., long. 98°49'31"W.; to lat. 38°48'30"N., long. 98°09'01"W.; to lat. 38°38'30"N., long. 98°04'31"W.; to lat. 38°27'20"N., long. 98°02'46"W.; to lat. 38°23'15"N., long. 98°18'01"W.; to lat. 38°16'00"N., long. 98°25'01"W.; to the point of beginning.

Altitudes. 1,000 feet AGL to but not including FL 180.

Times of use. Monday-Friday and one weekend per month, 0830-1130 and 1330–1600; other times by NOTAM.

Controlling agency. FAA, Kansas City ARTCC

Using agency. 184th Tactical Fighter Group, McConnell AFB, Wichita, KS

Boardman MOA, OR

Boundaries. Beginning at lat. 45 °52'59"N., long. 119°31'04"W.; to lat. 45°46'49"N., long. 119°31'04"W.; to lat. 45°47'44"N., long. 119°23'29"W.; to lat. 45°46'59"N., long. 119°22'29"W.; to lat. 45°45'09"N., long. 119°22'34"W.; to lat. 45°43'29"N., long. 119°23'54"W.; to lat. 45°42'14"N., long. 119°25'04"W.; to lat. 45°39'59"N., long. 119°27'14"W.; to lat. 45°36'09"N., long. 119°45'44"W.; to lat. 45°38'59"N., long. 120°09'04"W.; to lat. 45°45'29"N., long. 120°09'04"W.; proceed along the south shore of the Columbia River to lat. 45°50'49"N., long. 119°48'44"W.; to lat. 45°50'49"N., long. 119°45'04"W.; to lat. 45°50'19"N., long. 119°45'04"W.; to lat. 45°50'19"N., long. 119°42'34"W.; to lat. 45°50'59"N., long. 119°42'34"W.; thence along the south shore of the Columbia River to lat. 45°51'09"N., long. 119°40'04"W.; to the point of beginning, excluding that airspace within a 5 NM radius of a point located at lat. 45°43'35"N., long. 119°41'07"W.; and excluding that airspace within R-5701 and R-5706 when active.

Altitudes. 4,000 feet MSL to but not including FL 180.

Times of use. 0730–2359 Monday-Friday; other times by NOTAM 6 hours in advance.

Controlling agency. FAA, Seattle ARTCC

Using agency. U.S. Navy, Commanding Officer, NAS Whidbey Island, Oak Harbor, WA

TIMES OF USE CHANGED 10/13/94

Brady High MOA, TX

Boundaries. Beginning at lat. 31°21'14"N., long. 98°33'26"W.; to lat. 30°53'13"N., long. 98°49'21"W.; to lat. 31°08'12"N., long. 99°33'56"W.; to lat. 31°18'01"N., long. 99°37'01"W.; to lat. 31°20'31"N., long. 99°30'01 "W.; to the point of beginning.

Altitudes. 6,000 feet MSL to but not including FL 180.

Times of use. Sunrise-2200, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC
Using agency. U. S. Air Force, 924th Fighter Group, Bergstrom Air Reserve Station, TX
USING AGENCY CHANGED 5/25/95

Brady Low MOA, TX
Boundaries. Beginning at lat. 31°21'14"N., long. 98°33'26"W.; to lat. 30°53'13"N., long. 98°49'21"W.; to lat. 31°08'12"N., long. 99°33'56"W.; to lat. 31°18'01"N., long. 99°37'01"W.; to lat. 31°20'31"N., long. 99°30'01 "W.; to the point of beginning.
Altitudes. 500 feet AGL to but not including 6,000 feet MSL; excluding the following airspace: (1) within a 3 NM radius of the Curtis, TX airport (lat. 31°11'01"N., long. 99°19'28"W.) and within 3 NM each side of the 180° true bearing of the airport to the southern boundary of the MOA. From surface to 1,500 feet AGL. (2) within a 3 NM radius of the San Saba Co Muni, TX airport (lat. 31°14'07"N., long. 98°43'01"W.) and within 3 NM each side of the 145° true bearing of the airport to the eastern boundary of the MOA. From surface to 1,500 feet AGL.
Times of use. Intermittent by NOTAM
Controlling agency. FAA, Houston ARTCC
Using agency. U. S. Air Force, 924th Fighter Group, Bergstrom Air Reserve Station, TX
USING AGENCY CHANGED 5/25/95

Bristol MOA, CA
Boundaries. Beginning at lat. 34°43'00"N., long. 116°17'03"W.; to lat. 34°42'50"N., long. 115°26'33"W.; to lat. 34°22'00"N., long. 115°35'23"W.; to lat. 34°17'00"N., long. 115°41'13"W.; to lat. 34°17'00"N., long. 115°44'03"W.; to lat. 34°25'00"N., long. 115°44'03"W.; to lat. 34°25'00"N., long. 115°47'03"W.; to lat. 34°33'00"N., long. 115°47'03"W.; to lat. 34°34'40"N., long. 115°54'58"W.; to lat. 34°35'30"N., long. 115°58'03"W.; to lat. 34°41'00"N., long. 116°03'03"W.; to lat. 34°41'15"N., long. 116°04'33"W.; to the point of beginning.
Altitudes. 5,000 feet MSL to but not including FL 180.
Times of use. 0700–1500 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC
Using agency. Marine Corps Air Ground Combat Center, Twentynine Palms, CA

Brownwood 1 East MOA, TX
Boundaries. Beginning at lat. 32°06'17"N., long. 98°53'35"W.; to lat. 32°04'45"N., long. 98°16'45"W.; to lat. 31°44'36"N., long. 98°25'00"W.; to lat. 31°45'42"N., long. 98°53'35"W.; to the point of beginning
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. 0700–2200 daily; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC
Using agency. U. S. Navy, Commanding Officer, Naval Air Station, Dallas, TX
ADDED 7/22/93

Brownwood 1 West MOA, TX
Boundaries. Beginning at lat. 32°07'30"N., long. 99°26'00"W.; to lat. 32°06'17"N., long. 98°53'35"W.; to lat. 31°45'42"N., long. 98°53'35"W.; to lat. 31°46'48"N., long. 99°24'36"W.; to the point of beginning.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. 0700–2200 daily; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC
Using agency. U. S. Navy, Commanding Officer, Naval Air Station, Dallas, TX
ADDED 7/22/93

Brownwood 2 East MOA, TX
Boundaries. Beginning at lat. 31°45'42"N., long. 98°53'35"W.; to lat. 31°44'36"N., long. 98°25'00"W.; to lat. 31°23'30"N., long. 98°33'00"W.; to lat. 31°23'20"N., long. 98°53'35"W.; to the point of beginning.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. 0700-2200 daily; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC
Using agency. U. S. Navy, Commanding Officer, Naval Air Station, Dallas, TX
ADDED 7/22/93

Brownwood 2 West MOA, TX
Boundaries. Beginning at lat. 31°46'48"N., long. 99°24'36"W.; to lat. 31°45'42"N., long. 98°53'35"W.; to lat. 31°23'20"N., long. 98°53'35"W.; to lat. 31°23'10"N., long. 99°23'00"W.; to the point of beginning.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. 0700–2200 daily; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC
Using agency. U. S. Navy, Commanding Officer, Naval Air Station, Dallas, TX
ADDED 7/22/93

Brownwood 3 MOA, TX
Boundaries. Beginning at lat. 31°53'45"N., long. 99°46'45"W.; to lat. 32°07'30"N., long. 99°26'00"W.; to lat. 31°23'10"N., long. 99°23'00"W.; to lat. 31°23'00"N., long. 99°45'00"W.; to the point of beginning.
Altitudes. 13,000 feet MSL to but not including FL 180.
Times of use. 0700-2200 daily; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC
Using agency. U. S. Navy, Commanding Officer, Naval Air Station, Dallas, TX
ALTITUDES CHANGED 6/23/94

Brownwood 4 MOA, TX
Boundaries. Beginning at lat. 31 °45'00"N., long. 100°00'00"W.; to lat. 31°53'45"N., long. 99°46'45"W.; to lat. 31°23'00"N., long. 99°45'00"W.; to lat. 31°23'00"N., long. 100°00'00"W.; to the point of beginning.
Altitudes. 13,000 feet MSL to but not including FL 180.
Times of use. 0700-2200 daily; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC
Using agency. U. S. Navy, Commanding Officer, Naval Air Station, Dallas, TX
ALTITUDES CHANGED 6/23/94

Bruneau 1 MOA, ID
Boundaries. Beginning at lat. 42°53'00"N., long. 115°24'03"W.; to lat. 42°53'00"N., long. 115°23'03"W.; to lat. 42°41'35"N., long. 115°05'03"W.; to lat. 42°07'00"N., long. 115°05'03"W.; to lat. 42°07'00"N., long. 115°20'03"W.; to lat. 42°04'00"N., long. 115°26'03"W.; to lat. 42°00'00"N., long. 115°26'03"W.; to lat. 42°00'00"N., long. 115°30'03"W.; to lat. 42°36'00"N., long. 115°30'03"W.; to lat. 42°36'00"N., long. 115 °24'03"W.; to the point of beginning.
Altitudes. 100 feet AGL to 14,500 feet MSL.
Times of use. 0600–0200 daily; other times by NOTAM.
Controlling agency. FAA, Salt Lake City ARTCC
Using agency. U.S. Air Force, 366th Tactical Fighter Wing/DOTU, Mountain Home AFB, ID

Bruneau 2 MOA, ID
Boundaries. Beginning at lat. 42°00'00"N., long. 115°26'03"W.; to lat. 42°00'00"N., long. 115°05'03"W.; to lat. 42°07'00"N., long. 115°05'03"W.; to lat. 42°07'00"N., long. 115°20'03"W.; to lat. 42°04'00"N., long. 115 °26'03"W.; to the point of beginning.
Altitudes. 2,000 feet AGL to 14,500 MSL.
Times of use. 0600–0200 daily; other times by NOTAM.
Controlling agency. FAA, Salt Lake City ARTCC
Using Agency. U.S. Air Force, 366th Tactical Fighter Wing/DOTU, Mountain Home AFB, ID

Brush Creek MOA, OH
Boundaries. Beginning at lat. 38°53'52"N., long. 83°35'24"W.; to lat. 39°09'30"N., long. 83°22'30"W.; to lat. 39°13'00"N., long. 83°22'30"W.; to lat. 39°26'00"N., long. 83°3 1'00"W.; to lat. 39°30'00"N., long. 83°25'00"W.; to lat. 39°30'00"N., long. 83°13'00"W.; to lat. 39°27'00"N., long. 83° 12'OO"W.; to lat. 39°23'00"N., long. 83°08'30"W.; to lat. 39°18'00"N., long. 83°02'00"W.; to lat. 38°48'30"N., long. 83°02'00"W.; to the point of beginning.
Altitudes. 100 feet AGL to but not including 4,000 feet MSL.
Times of use. 0800-2200 Monday-Saturday.
Controlling agency. FAA, Indianapolis ARTCC
Using agency. 121 Tactical Fighter Wing, Rickenbacker AFB, OH

Buckeye MOA, OH
Boundaries. Beginning at lat. 38°54'40"N., long. 83°54'45"W.; to lat. 39°10'45"N., long. 83°53'00"W.; to lat. 39°27'45"N., long. 83°23'00"W.; to lat. 39°24'20"N., long. 82°49'30"W.; to lat. 39°18'00"N., long. 82°44'15"W.; to lat. 38°58'45"N., long. 82°50'00"W.; to lat. 38°47'00"N., long. 82°58'45"W.; to lat. 38°46'20"N., long. 83° 14'20"W.; to lat. 38°52'15"N., long. 83 ° 34'OO"W.; to point of beginning.
Altitudes. 5,000 feet MSL to but not including FL 180.
Time of use. 0900-1600 Tuesday, Friday, and Saturday; 0900-2200 Wednesday and Thursday; other times by NOTAM. Airspace will not be scheduled between 2200-0700.
Controlling agency. FAA, Indianapolis ARTCC.
Using agency. 178th Fighter Group, Springfield-Beckley ANGB, OH.
ADDED 2/2/95

Buckhorn MOA, CA
Boundaries. Beginning at lat. 34° 49'40"N., long. 118 ° 05 '48" W.; thence along southern boundary of R-25 15 to lat. 34°51'17"N., long. 117°26'03"W.; to lat. 34°49'30"N., long. 117°26'03"W.; to lat. 34°46'30"N., long. 117°35'03"W.; to lat. 34°46'00"N., long. 118°00'03"W.; to lat. 34°48'00"N., long. 118°05'48"W.; to the point of beginning.
Altitudes. 200 feet AGL to but not including FL 180.
Times of use. 0600-2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC
Using agency. R-2508 Complex Control Board.
NAME AND USZNG AGENCY CHANGED 4130192

Bulldog A MOA, GA
Boundaries. Beginning at lat. 33°01'01"N., long. 82°52'30"W.; to lat. 33°14'01"N., long. 82°29'59"W.; to lat. 33 ° 12'01 "N., long. 82°22'59"W.; to lat. 33 ° 13'01 "N., long. 82°08'59"W.; to lat. 33°05'46"N., long. 82°04'29"W.; to lat. 32'50'01 "N., long. 82°00'59"W.; to lat. 32°37'51"N., long. 82°43'59"W.; to the point of beginning.
Altitudes. 500 feet AGL to but not including 10,000 feet MSL, excluding those areas at and below 1,500 feet AGL, described as: (1)Beginning at lat. 33° 14'01 "N., long. 82°29'59"W.; to lat. 33°12'01"N., long. 82°22'59"W.; to lat. 33°12'16"N., long. 82°19'34"W.; thence via a 3NM arc centered at lat. 33°12'26"N., long. 82°23'09"W.; to lat. 33°09'58"N., long. 82°25'12"W.; to lat. 33° 13'26"N., long. 82°31'29"W.; to the point of beginning. (2)Beginning

at lat. 33°01'01"N., long. 82°52'30"W.; to lat. 33°03'19"N., long. 82°48'38"W.; to lat. 32°58'01"N., long. 82°46'14"W.; to lat. 32°51'00"N., long. 82°48'49"W.; to the point of beginning. (3)A 3 NM arc centered at lat. 32°59'00"N., long. 82°23'00"W.

Times of use. Intermittent, 0700-2230.

Controlling agency. FAA, Atlanta ARTCC.

Using agency. U.S. Air Force, 20th Fighter Wing, Shaw APB, SC.

USING AGENCY CHANGED 2/2/95

Bulldog B MOA, GA

Boundaries. Beginning at lat. 33°14'01"N., long. 82°29'59"W.; to lat. 33°12'01"N., long. 82°22'59"W.; to lat. 33°13'01"N., long. 82°08'59"W.; to lat. 33°13'01"N., long. 81°58'59"W.; to lat. 32°54'01"N., long. 81°50'29"W.; to lat. 32°34'01"N., long. 81°55'59"W.; to lat. 32°33'46"N., long. 81°57'49"W.; to lat. 32°32'46"N., long. 82°03'44"W.; to lat. 32°34'31"N., long. 82°25'29"W.; to lat. 32°37'51"N., long. 82°43'59"W.; to lat. 33°01'01"N., long. 82°52'30"W.; to lat. 33°13'26"N., long. 82°31'29"W.; to the point of beginning. **Altitudes.** 10,000 feet MSL up to but not including FL 180.

Times of use. Intermittent, 0700–2230.

Controlling agency. FAA, Atlanta ARTCC,

Using agency. U.S. Air Force, 20th Fighter Wing, Shaw AFB, SC.

USZNG AGENCY CHANGED 2/2/95

Bulldog D MOA, GA

Boundaries. Beginning at lat. 33°14'01"N., long. 82°29'59"W.; to lat. 33°21'16"N., long. 82°18'46"W.; to lat. 33°17'30"N., long. 82°22'59"W.; to lat. 33°16'21"N., long. 82°17'59"W.; to lat. 33°19'44"N., long. 82°12'14"W.; to lat. 33°21'54"N., long. 82°12'14"W.; to lat. 33°13'01"N., long. 82°08'59"W.; to lat. 33°12'01"N., long. 82°22'59"W.; to the point of beginning.

Altitudes. 500 feet AGL to and including 17,000 feet MSL; excluding the area described as beginning: at lat. 33°17'37"N., long. 82°24'25"W.; to lat. 33°15'54"N., long. 82°20'50"W.; thence clockwise via a 3 NM arc centered at lat. 33°13'21"N., long. 82°22'44"W.; to lat. 33°12'17"N., long. 82°19'23"W.; to lat. 33°12'01"N., long. 82°22'59"W.; to lat. 33°14'01"N., long. 82°29'59"W.; to the point of beginning, 1,500 feet AGL and below.

Times of use. Intermittent, 0800-1800 Monday-Friday, in conjunction with Restricted Area R-3004.

Controlling agency. FAA, Atlanta ARTCC.

Using agency. U.S. Air Force, 20th Fighter Wing, Shaw AFB, SC. Operational terms and conditions: 1. Real-time scheduling/activation procedures will be utilized. 2. All aircraft utilizing MOA airspace must receive a clearance to enter and exit the area. 3. The integrity of present and future instrument approaches and departures to/from airports underlying/adjacent to the MOA will be maintained.

USING AGENCY CHANGED 2/2/95

PENDING ACTION

Calverton 1 MOA, NY

Boundaries. Beginning at lat. 41°09'56"N., long. 72°05'18"W.; to lat. 41°11'30"N., long. 71°52'00"W.; to lat. 41°09'32"N., long. 71°51'35"W.; to lat. 41°07'57"N., long. 72°04'54"W.; thence counterclockwise along the arc of a 3 NM circle centered on lat. 41°08'30"N., long. 72°08'48"W.; to the point of beginning.

Altitudes. 100 feet MSL up to and including 1,000 feet MSL.

Times of use. By NOTAM issued 24 hours in advance.

Controlling agency. FAA, Providence ATCT

Using agency. Naval Plant Representative, Gruman Aerospace Corporation, Bethpage, NY

CONTROLLING AGENCY CHANGED 9/16/93

REVOKED 8/15/96

PENDING ACTION

Calverton 2 MOA, NY

Boundaries. Within a 3 NM radius circle centered on lat. 41°08'30"N., long. 72°08'48"W.

Altitudes. 10,001 feet MSL up to and including 12,000 feet MSL.

Times of use. By NOTAM issued 24 hours in advance.

Controlling agency. FAA, Providence ATCT

Using agency. Naval Plant Representative, Grumman Aerospace Corporation, Bethpage, NY

CONTROLLING AGENCY CHANGED 9/1 6/93

REVOKED 8/15/96

Camden Ridge MOA, AL

Boundaries. Beginning at lat. 32°15'21"N., long. 88°04'15"W.; to lat. 32°11'16"N., long. 87°02'45"W.; to lat. 31°55'16"N., long. 87°03'15"W.; to lat. 31°32'21"N., long. 87°44'30"W.; to lat. 31°31'31"N., long. 88°19'30"W.; to lat. 32°03'46"N., long. 88°20'20"W.; to lat. 32°03'46"N., long. 88°04'15"W.; to the point of beginning.

Altitudes. 500 feet AGL to but not including 10,000 feet MSL; excluding the following airspace: (1) lat. 32°01'01"N., long. 87°38'40"W.; to lat. 32°01'31"N., long. 87°03'03"W.; to lat. 31°55'16"N., long. 87°03'15"W.; to lat. 31°32'21"N., long. 87°44'30"W.; to lat. 31°32'14"N., long. 87°49'40"W.; to lat. 31°44'01"N., long. 87°49'40"W.; to lat. 31°44'01"N., long. 87°38'40"W.; to the point of beginning. (2) From surface to but not including 4,000 feet MSL.

Times of use. Normally, 0700–2300, seven days per week. Approximately five hours per day.

Controlling agency. FAA, Atlanta ARTCC
Using agency. 187 Tactical Reconnaissance Group, Montgomery, AL

Campbell 1 MOA, KY
Boundaries. Beginning at lat. 36°48'00"N., long. 87°58'00"W.; to lat. 36°49'30"N., long. 87°39'30"W.; to lat. 36°39'30"N., long. 87°28'33"W.; to lat. 36°37'12"N., long. 87°28'33"W.; to lat. 36°37'12"N., long. 87°29'50"W.; to lat. 36°34'00"N., long. 87°29'50"W.; to lat. 36°26'00"N., long. 87°29'00"W.; to lat. 36°23'00"N., long. 87°39'00"W.; to lat. 36°26'30"N., long. 87°40'00"W.; to lat. 36°31'30"N., long. 87°45'30"W.; to lat. 36°29'00"N., long. 87°50'00"W.; to the point of beginning.
Altitudes. 500 feet AGL to and including 10,000 feet MSL.
Times of use. Normally, 0700-2000, Monday-Sunday.
Controlling agency. FAA, Memphis ARTCC
Using agency. U. S. Army, Fort Campbell, KY

Campbell 2 MOA, KY
Boundaries. Beginning at lat. 36°48'00"N., long. 87°58'00"W.; to lat. 36°29'00"N., long. 87°50'00"W.; to lat. 36°31'30"N., long. 87°45'30"W.; to lat. 36°26'30"N., long. 87°40'00"W.; to lat. 36°23'00"N., long. 87°39'00"W.; to lat. 36°26'00"N., long. 87°29'00"W.; to lat. 36°19'00"N., long. 87°40'30"W.; to lat. 36°19'00"N., long. 87°52'00"W.; to lat. 36°28'30"N., long. 88°03'00"W.; to lat. 36°47'00"N., long. 88°04'30"W.; to the point of beginning.
Altitudes. 1,500 feet AGL to 10,000 feet MSL excluding the area below 2,500 feet AGL described as follows:
Boundaries. Beginning at lat. 36°31'30"N., long. 87°45'30"W.; to lat. 36°26'30"N., long. 87°40'00"W.; to lat. 36°23'00"N., long. 87°39'00"W.; to lat. 36°23'35"N., long. 87°37'02"W.; to lat. 36°22'15"N., long. 87°38'30"W.; to lat. 36°29'00"N., long. 87°50'00"W.; thence to the point of beginning.
Times of use. Normally, 0700–2000 Monday-Sunday.
Controlling agency. FAA, Memphis ARTCC
Using agency. U. S. Army, Fort Campbell, KY

Cannon A MOA, MO
Boundaries. Beginning at lat. 37°30'00"N., long. 92°07'01"W.; to lat. 37°16'40"N., long. 92°32'31"W.; to lat. 37°37'00"N., long. 92°33'01"W.; to lat. 37°40'30"N., long. 92°19'01"W.; to lat. 37°36'00"N., long. 92°19'31"W.; to lat. 37°36'15"N., long. 92°10'38"W.; to the point of beginning.
Altitudes. 300 feet AGL to and including 5,000 feet MSL.
Times of use. 0900-1600 Tuesday-Saturday; other times by NOTAM.
Controlling agency. FAA, Kansas City ARTCC
Using agency. U.S. Air Force, 13 1 Tactical Fighter Wing/Detachment 1

Cannon B MOA, MO
Boundaries. Beginning at lat. 37°41'30"N., long. 92°15'01"W.; to lat. 37°36'15"N., long. 92°15'22"W.; to lat. 37°36'00"N., long. 92°19'31"W.; to lat. 37°40'30"N., long. 92°19'01"W.; to the point of beginning.
Altitudes. 100 feet AGL to but not including FL 180.
Times of use. 0900–1600 Tuesday-Saturday; other times by NOTAM.
Controlling agency. FAA, Kansas City ARTCC
Using agency. U.S. Air Force, 13 1 Tactical Fighter Wing/Detachment 1
ALTITUDES CHANGED 11 /9/95

Carson MOA, NV
Boundaries. Beginning at lat. 40°06'00"N., long. 117°57'33"W.; to lat. 40°06'00"N., long. 118°15'04"W.; to lat. 39°57'00"N., long. 118°38'04"W.; to lat. 39°51'00"N., long. 118°38'04"W.; to lat. 40°01'00"N., long. 118°15'04"W.; thence to the point of beginning.
Altitudes. 500 feet AGL to but not including FL1 80.
Times of use. 0715–2330 daily; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC
Using agency. U.S. Navy, Naval Air Station, Fallon, NV
ADDED 8/25/88

Cato MOA, NM
Boundaries. Beginning at lat. 34° 19'30"N., long. 108°48'00"W.; to lat. 34°17'00"N., long. 107°11'00"W.; to lat. 34°09'30"N., long. 107°11'00"W.; to lat. 33°27'58"N., long. 108°04'32"W.; to lat. 33°54'00"N., long. 108°48'00"W.; to the point of beginning.
Altitudes. 13,500 feet MSL to but not including FL 180.
Times of use. 0800–2200, Monday-Saturday, other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC
Using agency. New Mexico Air National Guard, 150th Tactical Fighter Group (TFG), Kirtland AFB, NM
ADDED 9/1 6/93

China MOA, CA
Boundaries. Beginning at the Red Bluff, CA, VORTAC 070° radial/32 NM DME, thence eastbound via the Red Bluff 070° radial to the Lake Tahoe, CA, VORTAC 306° radial; thence southeastbound via the Lake Tahoe 306° radial to the Lake Tahoe 50 NM DME fix, thence counterclockwise via the Lake Tahoe 50 NM ARC to the Maxwell, CA, VORTAC 050° radial; thence westbound via the Maxwell 050° radial to the Maxwell 40 NM DME fix, to the point of beginning.
Altitudes. 1,500 feet AGL up to but not including FL 180.
Times of use. 0800–sunset, daily.
Controlling agency. FAA, Oakland ARTCC

Using agency. Sacramento Air Logistics Center, Flight Test Branch, McClellan AFB, CA

Chinook A MOA, WA

Boundaries. A north/south corridor 2 miles wide, 1 mile either side of a line beginning at the Hood Canal Bridge, Port Gamble, WA, (lat. 47°52'14"N., long. 122°38'05"W.), extending on a bearing of 000°T to Restricted Area R-6701.

Altitudes. 300 feet MSL to 5,000 feet MSL.

Times of use. Sunrise-sunset, 7 days a week.

Controlling agency. U.S. Navy, Whidbey Island Naval Air Station Approach Control.

Using agency. U.S. Navy, Commanding Officer, NAS Whidbey Island, Oak Harbor, WA

CONTROLLING AGENCY CHANCED 6/23/94

Chinook B MOA, WA

Boundaries. An east/west corridor 2 NM wide, 1 NM either side of the line beginning at lat. 48" 13'59"N., long. 123°04'35"W., extending on a bearing of 110°T until reaching R-670 1.

Altitudes. 300 feet MSL to 5,000 feet MSL.

Times of use. Sunrise-sunset, 7 days a week.

Controlling agency. U.S. Navy, Whidbey Island Naval Air Station Approach Control.

Using agency. U.S. Navy, Commanding Officer, NAS Whidbey Island, Oak Harbor, WA

CONTROLLING AGENCY CHANGED 6/23/94

Chippewa MOA, MI

Boundaries. Beginning at lat. 43°54'30"N., long. 85°22'30"W., to lat. 43°51'00"N., long. 85°06'00"W., to lat. 43°30'00"N., long. 85°00'00"W., to lat. 43°30'00"N., long. 85 ° 30'00"W., to lat. 43 °44'00"N., long. 85°30'00"W., thence to point of beginning.

Altitudes. 7,000 feet MSL to but not including FL 180.

Times of use. 0900-1100 and 1330-1530, Monday-Saturday; other times by NOTAM.

Controlling agency. FAA, Minneapolis ARTCC

Using agency. 110th Tactical Air Support Group, Michigan Air National Guard

BOUNDARIES AND TIMES OF USE CHANGED 5/5/88

Columbus 1 MOA, MS

Boundaries. Beginning at lat. 34°23'00"N., long. 88°45'00"W.; to lat. 34°07'00"N., long. 88°04'00"W.; to lat. 33°54'30"N., long. 87°36'45"W.; to lat. 33°39'45"N., long. 87°42'00"W.; to lat. 33°33'45"N., long. 88°31'00"W.; to lat. 33°33'30"N., long. 89°17'30"W.; to lat. 33°55'30"N., long. 89°13'00"W.; to the point of beginning.

Altitudes. 8,000 feet MSL to but not including FL 180.

Times of use. Sunrise-sunset, normally Monday-Friday; other times by NOTAM.

Controlling agency. FAA, Memphis ARTCC

Using agency. 14th Flying Training Wing, Columbus AFB, MS

Columbus 2 MOA, MS

Boundaries. Beginning at lat. 34" 39'00"N., long. 88°07'00"W.; to lat. 34°38'00"N., long. 87°35'00"W.; to lat. 34°10'00"N., long. 87°34'30"W.; to lat. 34"11'30"N., long. 87°48'30"W.; to lat. 34°22'30"N., long. 88°07'00"W.; to the point of beginning.

Altitudes. 8,000 feet MSL to but not including FL 180.

Times of use. Sunrise-sunset, normally Monday-Friday; other times by NOTAM.

Controlling agency. FAA, Memphis ARTCC

Using agency. 14th Flying Training Wing, Columbus APB, MS

Columbus 3 MOA, MS

Boundaries. Beginning at lat. 34°35'00"N., long. 89°34'00"W.; to lat. 34°35'00"N., long. 89°19'30"W.; to lat. 34°23'00"N., long. 88°45'00"W.; to lat. 33°55'30"N., long. 89°13'00"W.; to lat. 33°33'30"N., long. 89°17'30"W.; to lat. 33°32'45"N., long. 90°09'00"W.; to lat. 34°10'00"N., long. 90°00'00"W.; to the point of beginning.

Altitudes. 8,000 feet MSL to but not including FL 180.

Times of use. Sunrise-sunset, normally Monday-Friday; other times by NOTAM.

Controlling agency. FAA, Memphis ARTCC

Using agency. 14th Flying Training Wing, Columbus AFB, MS

Columbus 4 MOA, MS

Boundaries. Beginning at lat. 35° 13'30"N., long. 88°50'15"W.; to lat. 35°24'30"N., long. 88°11'00"W.; to lat. 35°24'30"N., long. 87°52'00"W.; to lat. 34°49'30"N., long. 87°47'30"W.; to lat. 34°55'15"N., long. 88°47'00"W.; to the point of beginning.

Altitudes. 10,000 feet MSL to but not including FL 180.

Times of use. Sunrise-sunset, normally Monday-Friday; other times by NOTAM.

Controlling agency. FAA, Memphis ARTCC

Using agency. 14th Flying Training Wing, Columbus APB, MS

Condor 1 MOA, ME

Boundaries. Beginning at lat. 44°20'00"N., long. 70°51'58"W.; to lat. 44°54'00"N., long. 71°00'58"W.; to lat. 45°15'00"N., long. 71°12'28"W.; thence along the United States/Canadian border to lat. 45 ° 19'03 "N., long. 70°48'28"W.; to lat. 45°24'00"N., long. 69°47'58"W.; to lat. 44°32'50"N., long. 70" 12'58"W.; to lat. 44°20'00"N., long. 70°21'58"W.; to the point of beginning.

Altitudes. 7,000 feet MSL to but not including FL 180.

Times of use. Intermittent.
Controlling agency. FAA, Boston ARTCC
Using agency. 24th Air Division/DOTS, Griffiss AFB, NY

Condor 2 MOA, ME
Boundaries. Beginning at lat. 44°32'50"N., long. 70" 12'58"W.; to lat. 45°24'00"N., long. 69°47'58"W.; to lat. 45°25'00"N., long. 69°29'58"W.; to lat. 45°05'30"N., long. 69°29'58"W.; to the point of beginning.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. Intermittent.
Controlling agency. FAA, Boston ARTCC
Using agency. 24th Air Division/DOTS, Griffiss AFB, NY

Cougar A MOA, CO
Boundaries. Beginning at lat. 41°05'00"N., long. 104°00'00"W.; to lat. 41°02'30"N., long. 103" 15'30"W.; to lat. 40°38'00"N., long. 103°48'30"W.; to lat. 40°38'00"N., long. 104°00'00"W.; to lat. 40°50'00"N., long. 104" 12'OO"W.; to point of beginning.
Altitudes. 100 feet AGL to but not including FL 180.
Times of use. Daily from 0900 local to 1600 local Tuesday-Saturday, other times by NOTAM.
Controlling agency. FAA, Denver ARTCC
Using agency. USAF, 138th Aircraft Control Squadron, Buckley Air National Guard Base, CO
ADDED 9/16/93

Cougar B MOA, NE
Boundaries. Beginning at lat. 41°17'30"N., long. 103°50'30"W.; to lat. 41 °15'00"N., long. 102°59'30"W.; to lat. 41°02'30"N., long. 103°15'30"W.; to lat. 41°05'00"N., long. 104°00'00"W.; to point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. Daily from 0900 local to 1600 local Tuesday-Saturday, other times by NOTAM.
Controlling agency. FAA, Denver ARTCC.
Using agency. USAF, 138th Aircraft Control Squadron, Buckley Air National Guard Base, CO.
ADDED 9/16/93

Crystal MOA, TX
Boundaries. The area between the 30 NM radius arc and the 70 NM radius arc of the Laredo, TX, VORTAC (lat. 27°28'44"N., long. 99°25'04"W.), extending clockwise from the 3 10" (M) radial to the 350°(M) radial of the Laredo VORTAC excluding Restricted Area R-63 16.
Altitudes. 6,000 feet MSL to but not including FL 180.
Times of use. 0700–1800 local time daily; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC
Using agency. San Antonio Air Logistics Center, Kelly AFB, TX
TIMES OF USE CHANGED 7/25/91

De Soto 2 MOA, MS
Boundaries. Beginning at lat. 30°54'31"N., long. 89°08'00"W.; to lat. 31 °04'01"N., long. 88°45'30"W.; to. lat. 31°14'01"N., long. 88°51'00"W.; to lat. 31°20'31"N., long. 88°47'00"W.; to lat. 31 ° 17'01"N., long. 88°30'00"W.; to lat. 31°03'01"N., long. 88°30'00"W.; to lat. 30°56'01"N., long. 88°37'00"W.; to lat. 30°50'31"N., long. 88°55'00"W.; thence to point of beginning.
Altitudes. 100 feet AGL to and including 5,000 feet MSL.
Times of use. 0800 to 1800 Monday-Friday; other times by NOTAM 24 hours in advance.
Controlling agency. FAA, Houston ARTCC
Using agency. ANG Combat Readiness Training Center Gulfport, MS.
ADDED 2/4/93

De Soto MOA, MS
Boundaries. Beginning at lat. 31°12'55"N., long. 89°11'03"W.; to lat. 31°20'31"N., long. 89°04'45"W.; to lat. 31°20'31"N., long. 88°54'30"W.; to lat. 31°14'01"N., long. 88°51'00"W.; to lat. 31°04'01"N., long. 88°45'30"W.; to lat. 30°54'31"N., long. 89°08'00"W.; to lat. 31°00'01"N., long. 89°10'15"W.; to lat. 31°04'37"N., long. 89° 11'03"W.; thence east, north and west along the boundary of R-4401 to the point of beginning.
Altitudes. 500 feet AGL to and including 10,000 feet MSL; excluding that airspace below 3,000 feet AGL within the coordinates of: to lat. 31°20'31"N., long. 89°02'30"W.; to lat. 31°20'31"N., long. 88°54'30"W.; to lat. 31°14'01"N., long. 88°51'00"W.; to the point of beginning.
Times of use. Intermittent, 0900-l 600 Sunday-Saturday; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC
Using agency. 159th Tactical Fighter Group, Naval Air Station, New Orleans, LA

Deepwoods MOA, ME
Boundaries. Beginning at lat. 44°50'00"N., long. 68°27'58"W.; to lat. 44°59'30"N., long. 68° 19'58"W.; to lat. 45°07'00"N., long. 68°00'58"W.; to lat. 44°52'00"N., long. 67°57'58"W.; thence to the point of beginning.
Altitudes. Surface to 3,000 feet MSL.
Times of use. 0700-2000 Monday-Friday; other times by NOTAM. Contact Bangor Flight Service Station.
Controlling agency. Bangor Approach Control
Using agency. Commander, Army Aviation Support Facility, Maine Army National Guard Bangor, ME
BOUNDARIES CHANGED 5/5/88

Demo 1 MOA, VA
Boundaries. Beginning at lat. 38°37'00"N., long. 77°34'06"W.; to lat. 38°32'20"N., long. 77°39'39"W.; to lat. 38°23'00"N., long. 77°39'59"W.; to lat. 38°23'00"N., long. 77°34'07"W.; to lat. 38°26'20"N., long.

77°27'21"W.; to lat. 38°31'15"N., long. 77°24'19"W.; to lat. 38°29'00"N., long. 77°28'44"W.; to lat. 38°31'20"N., long. 77°34'06"W.; to the point of beginning.
Altitudes. 500 feet to 5,000 feet MSL,
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Washington ARTCC
Using agency. Commanding General, Marine Corps, Education and Development Command, Quantico, VA

Demo 2 MOA, VA
Boundaries. Beginning at lat. 38°31'15"N., long. 77°24'19"W.; to lat. 38°29'00"N., long. 77°28'44"W.; to lat. 38°31'20"N., long. 77°34'06"W.; to lat. 38°37'00"N., long. 77°34'06"W.; to lat. 38°37'50"N., long. 77°32'19"W.; to lat. 38°37'00"N., long. 77°25'33"W.; to lat. 38°34'00"N., long. 77°23'59"W.; to the point of beginning.
Altitudes. 10,000 to 15,000 feet MSL.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Washington ARTCC
Using agency. Commanding General, Marine Corps, Education and Development Command, Quantico, VA

Demo 3 MOA, VA
Boundaries. Beginning at lat. 38°37'00"N., long. 77°34'06"W.; to lat. 38°32'20"N., long. 77°39'39"W.; to lat. 38°23'00"N., long. 77°39'59"W.; to lat. 38°23'00"N., long. 77°34'07"W.; to lat. 38°26'20"N., long. 77°27'21"W.; to lat. 38°31'15"N., long. 77°24'19"W.; to lat. 38°29'00"N., long. 77°28'44"W.; to lat. 38°31'20"N., long. 77°34'06"W.; to the point of beginning.
Altitudes. Above 5,000 to 15,000 feet MSL.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Washington ARTCC
Using agency. Commanding General, Marine Corps, Education and Development Command, Quantico, VA

Desert MOA, NV
Boundaries. Beginning at lat. 37°53'00"N., long. 116°11'03"W.; to lat. 38°01'00"N., long. 114°30'03"W.; to lat. 38°01'00"N., long. 114°12'03"W.; to lat. 37°53'00"N., long. 113°39'03"W.; to lat. 36°43'00"N., long. 114°36'03"W.; to lat. 36°43'00"N., long. 115°03'03"W.; to lat. 36°26'00"N., long. 115°18'03"W.; to lat. 37°17'00"N., long. 115°18'03"W.; to lat. 37°17'00"N., long. 115°35'03"W.; to lat. 37°28'00"N., long. 115°35'03"W.; to lat. 37°28'00"N., long. 115°48'03"W.; to lat. 37°33'00"N., long. 115°48'03"W.; to lat. 37°33'00"N., long. 115°53'03"W.; to lat. 37°42'00"N., long. 115°53'03"W.; to lat. 37°42'00"N., long. 116°11'03"W.; to the point of beginning.
Altitudes. 100 feet AGL to but not including FL 180 excluding the airspace 1,500 feet AGL and below within a 3 NM radius of the Alamo, Caliente, Pioche, and Lincoln County Airports.
Times of use. Sunrise to sunset, Monday to Saturday; other times by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC
Using agency. USAF, 57th Fighter Weapons Wing, Nellis AFB, NV
ALTITUDES CHANGED 2/4/93

Devils Lake East MOA, ND
Boundaries. Beginning at lat. 47°50'00"N., long. 99°09'01"W.; to lat. 47°47'00"N., long. 99°00'01"W.; to lat. 47°50'00"N., long. 98°17'01"W.; to lat. 47°35'00"N., long. 98°07'01"W.; to lat. 47°19'00"N., long. 97°44'01"W.; to lat. 47°07'00"N., long. 98°12'01"W.; to lat. 47°14'00"N., long. 98°22'01"W.; to lat. 47°25'00"N., long. 99°15'01"W.; to lat. 47°25'00"N., long. 99°41'01"W.; to the point of beginning.
Altitudes. 3,500 feet MSL to but not including FL 180, excluding that airspace within R-5401 when the restricted area is active.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC
Using agency. 25th Air Division, McChord AFB, WA
ALTITUDES CHANGED 5/27/93

Devils Lake West MOA, ND
Boundaries. Beginning at lat. 48 °00'00"N., long. 100°15'02"W.; to lat. 48°00'00"N., long, 99°35'01"W.; to lat. 47°50'00"N., long. 99°09'01"W.; to lat. 47°25'00"N., long. 99°41'01"W.; to lat. 47°25'00"N., long. 100°44'01"W.; to lat. 47°45'00"N., long. 100°44'02"W.; to the point of beginning.
Altitudes. 4,000 feet MSL to but not including FL 180.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC
Using agency. 25th Air Division, McChord AFB, WA
ALTITUDES CHANGED 11 /1 9/87

Dome MOA, AZ
Boundaries. Beginning at lat. 32°39'40"N., long. 114°45'23"W.; to lat. 32°39'40"N., long. 114°28'33"W.; to lat. 32°35'00"N., long. 114°28'33"W.; to lat. 32°35'00"N., long. 114°31'03"W.; to lat. 32°30'00"N., long. 114°31'03"W.; to lat. 32°30'00"N., long. 114°28'33"W.; to lat. 32°23'45"N., long. 114°28'33"W.; thence via the U.S./Mexico Border to the point of beginning.
Altitudes. 6,000 feet MSL to but not including FL 180.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC
Using agency. USMC, MCAS Yuma, AZ
ADDED 3/8/90

Drum 1 MOA, NY
Boundaries. Beginning at lat. 44°09'34"N., long. 75°40'00"W.; to lat. 44°09'00"N., long. 75°43'59"W.; to lat. 44°13'00"N., long. 75°50'59"W.; to lat. 44°19'00"N., long. 75°50'59"W.; to lat. 44° 19'00"N., long. 75°36'59"W.; to lat. 44°16'07"N., long. 75°32'41"W.; thence along the western boundary of R-5201 to lat. 44°10'50"N., long. 75°38'59"W.; to the point of beginning.
Altitudes. From 500 feet AGL up to and including 5,000 feet MSL.
Times of use. Intermittently, sunrise-sunset, 7 days a week.
Controlling agency. FAA, Boston ARTCC
Using agency. 174 Tactical Fighter Wing, Syracuse, NY
BOUNDARIES CHANGED 7/27/89

Drum 2 MOA, NY
Boundaries. Beginning at lat. 44°15'00"N., long. 75°31'29"W.; to lat. 44°19'06"N., long. 75°15'07"W.; to lat. 44°15'00"N., long. 75°08'59"W.; to lat. 44°06'00"N., long. 75°26'59"W.; to lat. 44°08'23"N., long. 75°27'56"W.; thence along the eastern and northern boundaries of R-5201 to the point of beginning.
Altitudes. From 100 feet AGL up to but not including 6,000 feet MSL.
Times of use. Intermittently, sunrise-sunset, 7 days a week.
Controlling agency. FAA, Boston ARTCC
Using agency. 174 Tactical Fighter Wing, Syracuse, NY

Duke MOA, PA
Boundaries. Beginning at lat. 42°02'40"N., long. 78°28'59"W.; to lat. 41°54'30"N., long. 77°24'19"W.; to lat. 41°19'55"N., long. 77°47'53"W.; to lat. 41°23'00"N., long. 78°36'39"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. 1000-1500 daily; other times by NOTAM.
Controlling agency. FAA, Cleveland ARTCC
Using agency. 112 TCF, Pennsylvania Air National Guard, University Park, PA
TIMES OF USE CHANGED 5/27/93

Edgemont A MOA, WY
Boundaries. Beginning at lat. 43° 39'00"N., long. 103°56'02"W.; thence counterclockwise via Rapid City VORTAC 45 NM ARC to lat. 43°25'30"N., long. 103°42'32"W.; to lat. 43°00'00"N., long. 104°15'14"W.; thence clockwise via Rapid City VORTAC 80 NM ARC to lat. 43°22'30"N., long. 104°39'02"W.; to point of beginning.
Altitudes. 12,000 feet MSL to, but not including, FL 180.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Denver ARTCC
Using agency. U.S. Air Force, 28th BMW and 64th FTW, Ellsworth AFB, SD
ADDED 6/4/87

Edgemont B MOA, SD
Boundaries. Beginning at , lat., 43°25'30"N., long. 103°42'32"W.; thence counterclockwise via Rapid City VORTAC 45 NM ARC to lat. 43° 17'30"N., long. 103°25'32"W.; to lat. 42°45'18"N., long. 103°44'44"W.; thence clockwise via Rapid City VORTAC 80 NM ARC to lat. 43°00'00"N., long. 104°15'14"W.; to point of beginning.
Altitudes. 12,000 feet MSL to, but not including, FL 180.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Denver ARTCC
Using agency. U.S. Air Force, 28th BMW and 64th FTW, Ellsworth AFB, SD
ADDED 6/4/87

Edgemont C MOA, WY
Boundaries. Beginning at lat. 43°22'30"N., long. 104°39'02"W.; thence counterclockwise via Rapid City VORTAC 80 NM ARC to lat. 43°00'00"N., long. 104°15'14"W.; to lat. 42°41'30"N., long. 104°38'02"W.; thence clockwise via Rapid City VORTAC 105 NM ARC to lat. 43° 11 '00"N., long. 105°09'02"W.; to point of beginning.
Altitudes. 12,000 feet MSL to, but not including, FL 180.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Denver ARTCC
Using agency. U.S. Air Force, 28th BMW and 64th FTW, Ellsworth AFB, SD
ADDED 6/4/87

Eglin A East MOA, FL
Boundaries. Beginning at lat. 30°58'01"N., long. 86°49'00"W.; to lat. 30°58'01"N., long. 86°40'30"W.; to lat. 30°42'49"N., long. 86°41'00"W.; to lat. 30°42'46"N., long. 86°45'45"W.; thence west along the L and N Railroad to lat. 30°42'16"N., long. 86°47'00"W.; to lat. 30°53'21"N., long. 86°47'00"W.; to lat. 30°54'11"N., long. 86°53'15"W.; to the point of beginning.
Altitudes. 1,000 feet AGL to but not including FL 180; occasional use to 200 feet AGL by NOTAM.
Times of use. Intermittent, 0600–2100 local time Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. U.S. Air Force, Commander, Air Force Development Test Center (AFDTC), Eglin AFB, FL
ADDED 5/30/91

Eglin A West MOA, FL
Boundaries. Beginning at lat. 30°54' 11 "N., long. 86°53'15"W.; to lat. 30'53'21 "N., long. 86°47'00"W.; to

lat. 30°42'16"N., long. 86°47'00"W.; thence west along the L and N Railroad to lat. 30°38'46"N., long. 86°55'00"W.; to lat. 30°52'31"N., long. 86°55'00"W.; to the point of beginning.
Altitudes. 1,000 feet AGL to but not including FL 180; occasional use to 200 feet AGL by NOTAM.
Times of use. Intermittent, 0600-2 100 local time Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. U.S. Air Force, Commander, Air Force Development Test Center (AFDTC), Eglin AFB, FL
ADDED 5/30/91

Eglin B MOA, FL
Boundaries. Beginning at lat. 30'58'01 "N., long. 86°40'30"W.; to lat. 30°58'01"N., long. 86°25'00"W.; to lat. 30°53'01"N., long. 86°25'00"W.; to lat. 30°43'31"N., long. 86°20'00"W.; to lat. 30°42'55"N., long. 86°41'00"W.; to the point of beginning.
Altitudes. 1,000 feet AGL to but not including FL 180; occasional use to 200 feet AGL by NOTAM; excluding Crestview, FL, Class E airspace area below 1,500 feet AGL.
Times of use. Intermittent, 0600-2 100 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Commander, Armament Development and Test Center, Eglin AFB, FL
ALTZTUDES CHANGED 9/1 6/93

Eglin C MOA, FL
Boundaries. Beginning at lat. 30'58'01 "N., long. 86°25'00"W.; to lat. 30°58'01"N., long. 86°13'00"W.; to lat. 30°43'46"N., long. 86°10'30"W.; to lat. 30°43'31"N., long. 86°20'00"W.; to lat. 30°53'01"N., long. 86°25'00"W.; to the point of beginning.
Altitudes. 1,000 feet AGL to but not including FL 180; occasional use to 200 feet AGL by NOTAM.
Times of use. Intermittent, 0600–2 100 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Commander, Armament Development and Test Center, Eglin AFB, FL

Eglin D MOA, FL
Boundaries. Beginning at lat. 31°03'01"N., long. 86°25'00"W.; to lat. 31 °03'01"N., long. 86°07'00"W.; to lat. 30°45'01"N., long. 86°07'00"W.; to lat. 30°43'46"N., long. 86° 10'30"W.; to lat. 30'58'01 "N., long. 86°13'00"W.; to lat. 30°58'01"N., long. 86°25'00"W.; to the point of beginning.
Altitudes. 1,000 feet AGL to and including 3,000 feet MSL.
Times of use. Intermittent, 0600-2 100 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Commander, Armament Development and Test Center, Eglin AFB, FL

Eglin E MOA, FL
Boundaries. Beginning at lat. 30'33'41 "N., long. 86°55'00"W.; to lat. 30°38'46"N., long. 86°55'00"W.; thence east along the northern boundary of R-2915A to lat. 30°42'46"N., long. 86°45'45"W.; to lat. 30°43'46"N., long. 86°10'30"W.; to lat. 30°41'01"N., long. 86°05'10"W.; to lat. 30°24'01"N., long. 85°56'00"W.; to lat. 30° 11'01 "N., long. 85°56'00"W.; thence 3 NM from and parallel to the shoreline to lat. 30° 19'31 "N., long. 86°51'30"W.; to lat. 30°23'01"N., long. 86°51'30"W.; to lat. 30'24'21 "N., long. 86°48'00"W.; to lat. 30°26'31 "N., long. 86°51'30"W.; to lat. 30°26'31"N., long. 86°52'20"W.; thence along the Navarre-Milton Highway to the point of beginning.
Altitudes. Surface to but not including FL 180.
Times of use. Intermittent, 0600–2100 Monday-Friday; other times by NOTAM. Radar advisory service available to Destin Airport.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Commander, Armament Development and Test Center, Eglin AFB, FL
TIMES OF USE CORRECTED 7/25/90

Eglin F MOA, FL
Boundaries. Beginning at lat. 30'26'3 1 "N., long. 86°51'30"W.; to lat. 30°24'21"N., long. 86°48'00"W.; to lat. 30°23'01"N., long. 86°51'30"W.; to the point of beginning.
Altitudes. Surface to but not including FL 180.
Times of use. Intermittent, 0600-2 100 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Commander, Armament Development and Test Center, Eglin AFB, FL
TIMES OF USE CORRECTED 7/25/90

Eureka High MOA, KS
Boundaries. Beginning at lat. 37°48'00"N., long. 96°43'29"W.; to lat. 37°53'15"N., long. 95°56'01"W.; to lat. 37°41'15"N., long. 95°45'28"W.; clockwise along the Wichita, KS, VORTAC 87 NM DME arc to lat. 37°05'02"N., long. 95°57'49"W.; to lat. 37°04'30"N., long. 96°00'31"W.; to lat. 37°26'36"N., long. 96°48'44"W.; thence counterclockwise along the 41 NM DME arc of the Wichita VORTAC to the point of beginning.
Altitudes. 6,000 feet to but not including FL 180.
Times of use. Sunrise-sunset, Monday-Friday; occasional use on Saturday and Sunday.
Controlling agency. FAA, Kansas City ARTCC

Using agency. 184th Tactical Fighter Group, McConnell AFB, Wichita, KS

Eureka Low MOA, KS

Boundaries. Beginning at lat. 37°48'00"N., long. 96°43'29"W.; to lat. 37°53'15"N., long. 95°56'01"W.; to lat. 37°41'15"N., long. 95°45'28"W.; clockwise along the Wichita, KS, VORTAC 87 NM DME arc to lat. 37°05'02"N., long. 95°57'49"W.; to lat. 37°04'30"N., long. 96°00'31"W.; to lat. 37°26'36"N., long. 96°48'44"W.; thence counterclockwise along the 41 NM DME arc of the Wichita VORTAC to the point of beginning.

Altitudes. 2,500 feet to but not including 6,000 feet.

Times of use. Infrequent, intermittent short term use, sunrise-sunset, Monday-Friday; occasional use on Saturday and Sunday.

Controlling agency. FAA, Kansas City ARTCC

Using agency. 184th Tactical Fighter Group, McConnell AFB, Wichita, KS

Evers MOA, WV

Boundaries. Beginning at lat. 38°40'01"N., long. 79°57'59"W.; to lat. 38°40'01"N., long. 79° 19'49"W.; to lat. 38°24'00"N., long. 79°19'49"W.; to lat. 38°24'00"N., long. 79°57'59"W.; to the point of beginning.

Altitudes. 1,000 feet AGL up to but not including FL 180.

Times of use. Sunrise-sunset, daily by NOTAM.

Controlling agency. FAA, Washington ARTCC

Using agency. Ninth Air Force, 1 st TFW, Langley AFB, VA

USING AGENCY CHANGED 6/23/94

Falcon 1 MOA, NY

Boundaries. Beginning at lat. 44°33'00"N., long. 75°20'59"W.; to lat. 44°36'00"N., long. 74°39'59"W.; to lat. 43°53'30"N., long. 74°40'59"W.; to lat. 43°45'00"N., long. 74°46'49"W.; to lat. 43°45'00"N., long. 75°47'59"W.; to lat. 44°06'00"N., long. 75°44'59"W.; to the point of beginning, excluding R-5201 during its Times of use.

Altitudes. From 6,000 feet MSL up to but not including 18,000 feet MSL.

Times of use. 0800–1700, Monday-Friday; other times by NOTAM.

Controlling agency. FAA, Boston ARTCC

Using agency. 24th Air Division/DOTS, Griffiss AFB, NY

TIMES OF USE CHANGED 11/19/87

Falcon 3 MOA, NY

Boundaries. Beginning at lat. 44°36'00"N., long. 74°39'59"W.; to lat. 44°36'00"N., long. 74°33'59"W.; to lat. 44°21'30"N., long. 74°29'59"W.; to lat. 44°08'00"N., long. 74°29'59"W.; to lat. 43°53'30"N., long. 74°40'59"W.; to the point of beginning.

Altitudes. From 6,000 feet MSL up to but not including 18,000 feet MSL.

Times of use. 0800–1700, Monday-Friday; other times by, NOTAM.

Controlling agency. FAA, Boston ARTCC

Using agency. 24th Air Division/DOTS, Griffiss AFB, NY

TIMES OF USE CHANGED 11/19/87

Falls 1 MOA, WI

Boundaries. Beginning at lat. 44°28'00"N., long. 90°35'00"W.; to lat. 44°08'40"N., long. 90°44'20"W.; to lat. 44°02'45"N., long. 90°44'30"W.; to lat. 44°03'00"N., long. 90°53'00"W.; to lat. 44°05'00"N., long. 90°57'00"W.; to lat. 44°14'00"N., long. 91°05'00"W.; to lat. 44°17'00"N., long. 91°21'00"W.; to lat. 44°33'00"N., long. 91°21'00"W.; to lat. 44°44'00"N., long. 91°05'00"W.; to the point of beginning.

Altitudes. 500 feet AGL to but not including FL 180, excluding that airspace 1,500 feet AGL and below within a 3 NM radius of the Black River Falls Municipal Airport, WI.

Times of use. Intermittent 1200–2000 Tuesday, 0800–1600 Wednesday-Saturday; other times by NOTAM.

Controlling agency. FAA, Minneapolis ARTCC

Using agency. USAF, Air National Guard, Volk Field Combat Readiness Training Center, WI

REVISED 3/3/94

Falls 2 MOA, WI

Boundaries. Beginning at lat. 44" 44'00"N., long. 91°05'00"W.; to lat. 44°48'00"N., long. 90°59'00"W.; to lat. 44°48'00"N., long. 90°22'00"W.; to lat. 44°35'00"N., long. 90°18'00"W.; to lat. 44°27'00"N., long. 89°59'00"W.; to lat. 44°28'00"N., long. 90°35'00"W.; to the point of beginning.

Altitudes. 500 feet AGL to but not including FL 180, excluding that airspace 1,500 feet AGL and below within a 3 NM radius of the Neillsville Airport, WI.

Times of use. Intermittent, 1200-2000 Tuesday, 0800–1600 Wednesday-Saturday; other times by NOTAM.

Controlling agency. FAA, Minneapolis ARTCC

Using agency. USAF, Air National Guard, Volk Field Combat Readiness Training Center, WI

ADDED 3/3/94

Farmville MOA, VA

Boundaries. Beginning at lat. 37°37'01"N., long. 78°21'00"W.; to lat. 37°29'01"N., long. 77°54'59"W.; to lat. 36°50'31"N., long. 78°19'59"W.; to lat. 36°47'01"N., long. 78°47'59"W.; to lat. 36°52'31"N., long. 79°03'59"W.; to lat. 37°20'49"N., long. 78°46'23"W.; to lat. 37°27'01"N., long. 78°39'29"W.; to the point of beginning.

Altitudes. 300 feet AGL to 5,000 feet MSL. Excludes areas at and below 1,500 feet AGL within 3 NM of public use airports.
Times of use. 0930-1430 and 1600-1700 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Washington ARTCC
Using agency. U.S. Air Force, First Tactical Fighter Wing, Langley AFB, VA
TIMES OF USE CHANGED 7/27/89

Fechter MOA, IA
Boundaries. Beginning at lat. 42°50'00"N., long. 95°55'01"W.; to lat. 43°20'00"N., long. 95°37'01"W.; to lat. 43°05'30"N., long. 94°17'26"W.; to lat. 42°46'00"N., long. 94°22'01"W.; to lat. 42°46'00"N., long. 95°52'01"W.; to the point of beginning.
Altitudes. 5,000 feet MSL to but not including FL 180.
Time of use. 0930-1130 and 1330–1530 Tuesday-Saturday; Tuesday 1830-2000; other times by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC
Using agency. Air National Guard, 132nd Tactical Fighter Wing/DOS, 3 100 McKinley Avenue, Des Moines, IA
TIMES OF USE CHANGED 2/2/95

Foothill 1 MOA, CA
Boundaries. Beginning at lat. 37°04'50"N., long. 119°16'03"W.; to lat. 37°04'50"N., long. 118°35'03"W.; to lat. 36°35'50"N., long. 118°35'03"W.; to lat. 36°42'50"N., long. 119°15'03"W.; to the point of beginning.
Altitudes. 2,000 feet AGL to but not including FL 180, except 3,000 feet AGL over wilderness areas.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Oakland ARTCC
Using agency. Commander, Strike Fighter Wing Pacific Fleet, Naval Air tation, Lemoore, CA
USING AGENCY CHANGED 4/25/96

Foothill 2 MOA, CA
Boundaries. Beginning at lat. 36°42'50"N., long. 119°15'03"W.; to lat. 36°35'50"N., long. 118°35'03"W.; to lat. 36°08'00"N., long. 118°35'03"W.; to lat. 36°08'00"N., long. 119°02'23"W.; to lat. 36°33'00"N., long. 119°14'03"W.; to the point of beginning.
Altitudes. 2,000 feet AGL to but not including FL 180, except 3,000 feet AGL over wilderness areas.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Oakland ARTCC
Using agency. Commander, Strike Fighter Wing Pacific Fleet, Naval Air Station, Lemoore, CA
USING AGENCY CHANGED 4/25/96

Fort Bragg North Area A MOA, NC
Boundaries. Beginning at lat. 35°07'06"N., long. 79°22'49"W.; to lat. 35°15'31"N., long. 79°16'49"W.; to lat. 35°15'21"N., long. 79°07'14"W.; to lat. 35°10'01"N., long. 79°07'19"W.; thence west along the north boundary of R-5311 to the point of beginning.
Altitudes. 500 feet AGL to and including 6,000 feet MSL.
Times of use. Intermittently, 0700-2400, Monday-Friday; occasionally on Saturday and Sunday.
Controlling agency. FAA, Fayetteville Air Traffic Control Tower
Using agency. U. S. Army, Fort Bragg, NC

Fort Bragg North Area B MOA, NC
Boundaries. Beginning at lat. 35° 15'3 1 "N., long. 79° 16'49"W.; to lat. 35°19'21"N., long. 79°16'44"W.; to lat. 35°19'16"N., long. 79°07'09"W.; to lat. 35°15'21"N., long. 79°07' 14"W.; to the point of beginning.
Altitudes. 4,000 feet MSL to and including 6,000 feet MSL.
Times of use.Intermittently, 0700-2400 Monday-Friday; occasionally on Saturday and Sunday.
Controlling agency. FAA, Fayetteville Air Traffic Control Tower
Using agency. U. S. Army, Fort Bragg, NC

Fort Bragg South Area A MOA, NC
Boundaries. Beginning at lat. 35 °02'56"N., long. 79°05'39"W.; to lat. 34°58'51"N., long. 79°06'59"W.; to lat. 34°58'51"N., long. 79°21'14"W.; to lat. 35°07'06"N., long. 79°22'49"W.; to lat. 35°02'46"N., long. 79°20'09"W.; to the point of beginning.
Altitudes. 500 feet AGL to and including 6,000 feet MSL.
NOTE: Area A excludes that airspace within 1 1/2 NM radius of the city of Raeford and Raeford Airport from surface to 3,000 feet AGL.
Times of use. Intermittently, 0700–2400, Monday-Friday; occasionally on Saturday and Sunday.
Controlling agency. FAA, Fayetteville Air Traffic Control Tower
Using agency. U. S. Army, Fort Bragg, NC

Fort Bragg South Area B MOA, NC
Boundaries. Beginning at lat. 34°58'51"N., long. 79°06'59"W.; to lat. 34°55'26"N., long. 79°08'19"W.; to lat. 34°55'36"N., long. 79°20'29"W.; to lat. 34°58'51"N., long. 79°21'14"W.; to the point of beginning.
Altitudes. 1,500 feet AGL to and including 6,000 feet MSL.
Times of use. Intermittently 0700-2400, Monday-Friday; occasionally on Saturday and Sunday.
Controlling agency. FAA, Fayetteville Air Traffic Control Tower
Using agency. U. S. Army, Fort Bragg, NC

Fort Stewart B1 MOA, GA

Boundaries. Beginning at lat. 31°51'31"N., long. 81°41'44"W.; to lat. 31°51'01"N., long. 81°41'44"W.; to lat. 31°51'01"N., long. 81°59'59"W.; to lat. 32°05'01"N., long. 8.1°56'59"W.; to lat. 32° 11'01 "N., long. 81°45'59"W.; to lat. 32°10'01"N., long. 81°38'59"W.; to lat. 32°08'31"N., long. 81°36'59"W.; to lat. 32°06'31"N., long. 81°36'59"W.; to lat. 32°06'31"N., long. 81°38'59"W.; to lat. 32°07'01"N., long. 81°43'29"W.; to lat. 32°07'29"N., long. 81°47'16"W.; to lat. 32°05'25"N., long. 81°50'02"W.; to lat. 32°03'00"N., long. 81°51'25"W.; to lat. 32°02'22"N., long. 81°50'41"W.; to lat. 31°59'46"N., long. 81°51'05"W.; to lat. 31°57'01"N., long. 81°53'14"W.; to lat. 31°55'31"N., long. 81°52'59"W.; to lat. 31°55'01"N., long. 81°52'59"W.; to the point of beginning.

Altitudes. 500 feet AGL to 4,999 feet MSL.

Times of use. Intermittent, 0600-2200 local time, Monday-Friday; other times by NOTAM.

Controlling agency. FAA, Jacksonville ARTCC

Using agency. U.S. Army, Commanding General, Fort Stewart, GA

REVISED 9/24/87

Fort Stewart B2 MOA, GA

Boundaries. Beginning at lat. 3 1°5 1'3 1 "N,, long. 81°41'44"W.; to lat. 31°51'01"N., long. 81°41'44"W.; to lat. 3 1°5 1'01 "N., long. 8 1°59'59"W.; to lat. 32'05'01 "N., long. 8.1°56'59"W.; to lat. 32° 11'01 "N., long. 81°45'59"W.; to lat. 32°10'01"N., long. 81°38'59"W.; to lat. 32°08'31"N., long. 81°36'59"W.; to lat. 32°06'31"N., long. 81°36'59"W.; to lat. 32'06'31 "N., long. 81°38'59"W.; to lat. 32°07'01"N., long. 81°43'29"W.; to lat. 32°07'29"N., long. 81°47'16"W.; to lat. 32°05'25"N., long. 81°50'02"W.; to lat. 32°03'00"N., long. 81°51'25"W.; to lat. 32°02'22"N., long. 81°50'41"W.; to lat. 31°59'46"N., long. 81°51'05"W.; to lat. 31°57'01"N., long. 81°53'14"W.; to lat. 31°55'31"N., long. 81°52'59"W.; to lat. 3 1°55'01 "N., long. 8 1°52'59"W.; to the point of beginning.

Altitudes. 5,000 feet MSL to 10,000 feet MSL.

Times of use. By NOTAM.

Controlling agency. FAA, Jacksonville ARTCC

Using agency. U.S. Army, Commanding General, Fort Stewart, GA

REVISED 9/24/87

Fort Stewart Cl MOA, GA

Boundaries. Beginning at lat. 31°54'04"N., long. 81°28'44"W.; to lat. 31°56'16"N., long. 81°22'59"W.; to lat. 31°58'46"N., long. 81°19'44"W.; to lat. 31°51'01"N., long. 81°20'59"W.; to lat. 31°51'01"N., long. 81°25'59"W.; to the point of beginning.

Altitudes. 500 feet AGL to 2,999 feet MSL.

Times of use. Intermittent, 0600-2200 local time, Monday-Friday; other times by NOTAM.

Controlling agency. FAA, Jacksonville ARTCC

Using agency. U.S. Army, Commanding General, Fort Stewart, GA

ADDED 9/24/87

Fort Stewart C2 MOA, GA

Boundaries. Beginning at lat. 3 1° 5 1'0 1 "N., long. 81°41'44"W.; to lat. 31°51'31"N., long. 81°41'44"W.; to lat. 31°52'21"N., long. 81°38'09"W.; to lat. 31°53'12"N., long. 8 1°37'50"W.; thence northeast along Georgia Highway 144 to lat. 31 °56'49"N., long. 8 1 °30'41 "W.; thence along an arc of a 5-mile radius circle centered at lat. 31°53'21"N., long. 81°33'44"W.; to lat. 31°54'04"N., long. 81°28'44"W.; to lat. 31°56'16"N., long. 81°22'59"W.; to lat. 31°58'46"N., long. 81°19'44"W.; to lat. 31°51'01"N., long. 81°20'59"W.; to the point of beginning.

Altitudes. 3,000 feet MSL to 10,000 feet MSL.

Times of use. By NOTAM.

Controlling agency. FAA, Jacksonville ARTCC

Using agency. U.S. Army, Commanding General, Fort Stewart, GA

ADDED 9/24/87

Fremont MOA, CO

Boundaries. Beginning at lat. 38°40'00"N., long. 104°53'02"W.; to lat. 38°37'30"N., long. 104°53'02"W.; thence southwest along Colorado Highway 115 to lat. 38°29'35"N., long. 104°57'32"W.; to lat. 38°26'08"N., long. 104°57'32"W.; to lat. 38°26'09"N., long. 104°53'02"W.; to lat. 38°24'00"N., long. 104°53'02"W.; to lat. 38°25'30"N., long. 105°17'02"W.; to lat. 38°42'00"N., long. 105°08'02"W.; to the point of beginning. Excluding a 3 NM radius of Fremont County Airport (lat. 38°25'50"N., long. 105°06'30"W.).

Altitudes. 1,500 feet AGL to but not including FL 180.

Times of use. 0700–1600 Monday-Friday (excluding holidays); other times by NOTAM.

Controlling agency. FAA, Denver ARTCC and FSS

Using agency. 140 Tactical Fighter Wing, Buckley Air National Guard Base, CO

Fuzzy MOA, AZ

Boundaries. Beginning at lat. 31°31'OO"N., long. 111°38'32"W.; to lat. 31°43'30"N., long. 111°35'32"W.; to lat. 31°43'30"N., long. 111°04'32"W.; to lat. 31°38'55"N., long. 111°04'57."W.; to lat. 31°22'05"N.,

long 111°11'12"W.; thence along the United States/Mexico border to the point of beginning.
Altitudes. 100 feet AGL up to but not including 10,000 feet MSL.
Times of use. 0700-1900 daily; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC
Using agency. 162nd Tactical Fighter Group, Tucson, AZ

Gabbs Central MOA, NV
Boundaries. Beginning at lat. 39°06'05"N., long. 118°33'37"W.; to lat. 38°58'00"N., long. 118°42'54"W.; to lat. 38°43'00"N., long. 118°11'33"W.; to" lat. 38°43'00"N., long. 118°02'03"W.; to lat. 39°10'00"N., long. 117°23'03"W.; to the point of beginning; excluding that airspace encompassed by a 3 NM radius centered on the town of Gabbs, NV, located at lat. 38°52'12"N., long. 117°55'33"W., below 2,000 feet AGL.
Altitudes. 100 feet AGL up to but not including FL 180.
Times of use. 0715-2330 daily; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC
Using agency. U. S. Navy, Fallon NAS, NV
ADDED 1/14/88

Gabbs North MOA, NV
Boundaries. Beginning at lat. 39°06'05"N., long. 118°33'37"W.; to lat. 39°10'00"N., long. 117°23'03"W.; to lat. 39°55'00"N., long. 117°26'03"W.; to lat. 40°06'00"N., long. 117°48'03"W.; to lat. 40°06'00"N., long. 117°57'33"W.; to lat. 40°01'00"N., long. 118°15'04"W.; to lat. 39°51'00"N., long. 118°38'04"W.; to lat. 39°45'53"N., long. 118°37'56"W.; to lat. 39°25'00"N., long. 118°25'34"W.; to lat. 39°17'00"N., long, 118°21'04"W.; to the point of beginning.
Altitudes. 100 feet AGL up to but not including FL 180.
Times of use. 0715-2330 daily; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC
Using agency. Naval Air Station, Fallon, NV
BOUNDARIES CHANGED 8/25/88

Gabbs South MOA, NV
Boundaries. Beginning at lat. 38°43'00"N., long. 118°11'33"W.; to lat. 38°40'00"N., long. 118°05'13"W.; to lat. 38°40'00"N., long. 118°00'03"W.; to lat. 38°56'00"N., long. 117°23'03"W.; to lat. 39°10'00"N., long. 117°23'03"W.; to lat. 38°43'00"N., long. 118°02'03"W.; to the point of beginning; excluding that airspace encompassed by a 3 NM radius centered on the town of Gabbs, NV, located at lat. 38°52'12"N., long. 117°55'33"W.; below 2,000 feet AGL.
Altitudes. 100 feet AGL up to but not including FL 180.
Times of use. 0715-2330 daily; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC
Using agency. Naval Air Station, Fallon, NV
BOUNDARIES AND TIMES OF USE CHANGED 1/14/88

Galena MOA, AK
Boundaries. Beginning at lat. 64°09'53"N., long. 156°00'01"W.; thence counterclockwise via a 40 NM radius arc from the Galena VORTAC to lat. 64°34'03"N., long. 155°16'45"W.; to lat. 64°32'58"N., long. 153°00'09"W.; to lat. 63°59'58"N., long. 153°00'09"W.; to lat. 63°16'58"N., long. 154°45'08"W.; to the point of beginning.
Altitudes. 1,000 feet AGL to but not including FL 180.
Times of use. Intermittent, 0800-1800 Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Anchorage ARTCC
Using agency. USAF, 3 WG, Elmendorf AFB, AK.
TIMES OF USE, ALTITUDES, AND USING AGENCY CHANGED 3/30/95

Gamecock A MOA, SC
Boundaries. Beginning at lat. 34'45'41 "N., long. 78°41'29"W.; to lat. 34°32'16"N., long. 78° 19'44"W.; to lat. 34°24'01"N., long. 78°25'39"W.; to lat. 34°21'26"N., long. 79°03'59"W.; to lat. 34°31'01"N., long. 79°03'59"W.; to the point of beginning.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. When activated by NOTAM (Normally Monday-Friday, 0630-2230).
Controlling agency. FAA, Jacksonville ARTCC
Using agency. U.S. Air Force, 363rd Fighter Wing, Shaw AFB, SC
USING AGENCY CHANGED 5/27/93

Gamecock B MOA, SC
Boundaries. Beginning at lat. 33° 49'01 "N., long. 79°18'29"W.; to lat. 33°38'01"N., long. 79°07'29"W.; to lat. 33°25'31"N., long. 79°25'29"W.; to lat. 33°24'01"N., long. 79°36'59"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. Intermittent, 0800-2230 daily, not to exceed two consecutive weeks nor four weeks per year.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, 20th Fighter Wing, Shaw AFB, SC.
USING AGENCY CHANGED 2/2/95

Gamecock C MOA, SC
Boundaries. Beginning at lat. 33°49'01"N., long. 79°41'29"W.; to lat. 33°50'31"N., long. 79°24'59"W.; to lat. 33°50'31"N., long. 79°20'29"W.; to lat. 33°49'01"N., long. 79°18'29"W.; to lat. 33°38'01"N., long. 79°07'29"W.; to lat. 33°25'31"N., long. 79°25'29"W.; to

lat. 33°24'01"N., long. 79°36'59"W.; to lat. 33°24'39"N., long. 79°48'27"W.; to the point of beginning.
Altitudes. 100 feet AGL to 10,000 feet MSL, excluding the airspace 1,500 feet AGL and below within a 3 NM radius of Hemingway-Stucky and Andrews Airports, South Carolina.
Times of use. Intermittent, 0800-2230 daily.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, 20th Fighter Wing, Shaw AFB, SC.
USING AGENCY CHANGED 2/2/95

Gamecock D MOA, SC
Boundaries. Beginning at lat. 33°53'01"N., long. 79°54'59"W.; to lat. 33°50'01"N., long. 79°47'59"W.; to lat. 33°49'01"N., long. 79°41'29"W.; to lat. 33°50'31"N., long. 79°24'59"W.; to lat. 33°50'31"N., long. 79°20'29"W.; to lat. 33°49'01"N., long. 79°18'29"W.; to lat. 33°24'01"N., long. 79°36'59"W.; to lat. 33°25'01"N., long. 79°54'59"W.; to lat. 33°32'3 1 "N., long. 80°15'59"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL180.
Times of use. Intermittent, 0800-2230 daily.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, 20th Fighter Wing, Shaw AFB, SC.
USING AGENCY CHANGED 2/2/95

Gamecock I MOA, SC
Boundaries. Beginning at lat. 34°44'26"N., long. 80°38'59"W.; to lat. 34°36'01"N., long. 80°22'59"W.; to lat. 34°28'15"N., long. 80°24'26"W.; to lat. 34°16'01"N., long. 80°45'19"W.; to lat. 34°38'31"N., long. 80°51'59"W.; to the point of beginning.
Altitudes. 100 feet AGL to 6,000 feet MSL.
Times of use. Intermittent, 0800-2300.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, 20th Fighter Wing, Shaw AFB, SC.
USING AGENCY CHANGED 2/2/95

Gandy MOA, UT
Boundaries. Beginning at lat. 40°36'00"N., long. 114°27'03"W.; to lat. 40°36'00"N., long. 114°02'52"W.; to lat. 40°23'00"N., long. 114°15'03"W.; to lat. 39°40'00"N., long. 114° 15'03"W.; to lat. 39°23'00"N., long. 1 14°00'03"W.; to lat. 39°23'00"N., long. 114°27'03"W.; to the point of beginning.
Altitudes. 100 feet AGL to but not including FL 180.
Times of use. 0500–2000 Monday-Saturday; other times by NOTAM.
Controlling agency. FAA, Salt Lake City ARTCC
Using agency. 6501 Range Squadron (AFSC), Hill AFB, UT 84406

Gator 1 MOA, GA
Boundaries. Beginning at lat. 31°51'01"N., long. 81°59'59"W.; to lat. 31°51'01"N., long. 81°17'14"W.; to lat. 31°03'01"N., long. 81°30'59"W.; to lat. 31°03'01"N., long. 81°48'59"W.; to lat. 31°15'01"N., long. 81°54'59"W.; to lat. 31°24'01"N., long. 81°59'59"W.; to the point of beginning.
Altitudes. 14,000 feet MSL to but not including FL1 80.
Times of use. 0700 to 2200 Monday-Friday; except Holidays; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, NAS Jacksonville, FL.
USING AGENCY CHANGED 8/15/96

Gator 2 MOA, GA
Boundaries. Beginning at lat. 31°33'16"N., long. 81°41'59"W.; to lat. 31°42'31"N., long. 81°33'59"W.; to lat. 31°37'31"N., long. 81°28'14"W.; to lat. 31°32'31"N., long. 81°27'29"W.; to lat. 31°26'16"N., long. 81°31'29"W.; to lat. 31°25'31"N., long. 81°35'59"W.; thence west along the Altamaha River to the point of beginning.
Altitudes. 13,000 feet MSL to 14,000 feet MSL.
Times of use. 0800 to 1700 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, NAS Jacksonville, FL.
USING AGENCY CHANGED 2/4/93

Gladden 1 MOA, AZ
Boundaries. Beginning at lat. 34°28'35"N., long. 112°53'43"W.; to lat. 34°10'10"N., long. 112°35'48"W.; tthence via the 39 NM DME arc of the Luke TACAN to lat. 33°38'35"N., long. 113°09'03"W.; to lat. 33°56'40"N., long. 114°00'03"W.; to lat. 34° 10'00"N., long. 114°00'03"W.; to the point of beginning.
Altitudes. 7,000 feet MSL or 5,000 feet AGL, whichever is higher, to but not including FL 180.
Times of use. 0600-1900 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC
Using agency. U.S. Air Force, 58th Fighter Wing, Luke AFB, AZ
USING AGENCY CHANGED 10/15/92

GOOSE MOA, OR
Boundaries. Beginning at lat. 41°51'03"N., long. 121°22'34"W.; thence counterclockwise via the Klamath Falls VORTAC 24 mile DME arc; to lat. 42" 13'30"N., long. 121°11'53"W.; to lat. 42°18'22"N., long. 120°37'30"W.; thence clockwise via the Klamath Falls 50 mile DME arc; to lat. 41°56'03"N., long. 120°38'54"W.; to lat.

41°55'02"N., long. 120°32'20"W.; thence clockwise via the Klamath Falls 55 mile DME arc; to lat. 41°27'45"N., long. 120°55'17"W.; to the point of beginning.
Altitudes. 3,000 feet AGL up to but not including FL 180.
Times of use. 0700–1900 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Seattle ARTCC
Using agency. U.S. Air Force, 114th Tactical Fighter Training Squadron (TFI'S), Kingsley Field, OR

Hart North MOA, OR
Boundaries. Beginning at lat. 42°40'00"N., long. 120°18'04"W.; to lat. 42°40'00"N., long. 119°10'04"W.; to lat. 42°26'00"N., long. 119°13'34"W.; to lat. 42°26'00"N., long. 120°13'06"W.; to the point of beginning.
Altitudes. 11,000 feet MSL to but not including FL 180.
Times of use. Intermittent by NOTAM, 4 hours in advance.
Controlling agency. FAA, Seattle ARTCC
Using agency. U.S. Air Force, 25th Air Division, McChord AFB, WA
ADDED 5/5/88

Hart South MOA, OR
Boundaries. Beginning at lat. 42°26'00"N., long. 120°13'06"W.; to lat. 42°26'00"N., long. 119°13'34"W.; to lat. 41°30'00"N., long. 119°27'04"W.; to lat. 41°30'00"N., long. 119°55'04"W.; to the point of beginning.
Altitudes. 11,000 feet MSL to but not including FL 180.
Times of use. Intermittent by NOTAM, 4 hours in advance.
Controlling agency. FAA, Seattle ARTCC
Using agency. U.S. Air Force, 25th Air Division, McChord AFB, WA
ADDED 5/5/88

Hatteras F MOA, NC
Boundaries. Beginning at lat. 34°35'01"N., long. 77°27'59"W.; to lat. 34°34'46"N., long. 77°22'59"W.; to lat. 34°33'01"N., long. 77°18'59"W.; to lat. 34°30'21"N., long. 77° 15'49"W.; thence along the 3 NM territorial limit to lat. 34°23'31"N., long. 77°29'59"W.; to lat. 34°28'31"N., long. 77°35'29"W.; to the point of beginning.
Altitudes. 3,000 feet to 13,000 feet MSL.
Times of use. 0700–2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Washington ARTCC.
Using agency. USMC, Commanding General, U.S. Marine Corps Air Station, Cherry Point, NC.
USING AGENCY CHANGED 9/14/95

Hays MOA, MT
Boundaries. Beginning at lat. 48°13'00"N., long. 110°00'03"W.; to lat. 48°22'00"N., long. 109°22'03"W.; to lat. 48°05'00"N., long. 107°00'02"W.; to lat. 47°30'00"N., long. 107°00'02"W.; to lat. 47°30'00"N., long. 110°00'03"W.; to the point of beginning.
Altitudes. 300 feet AGL to but not including FL 180.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Salt Lake City ARTCC
Using agency. 120 Fighter Interceptor Group, Air National Guard, Great Falls International Airport, Great Falls, MT

Hill MOA, VA
Boundaries. Beginning at lat. 38°04'37"N., long. 77°18'44"W.; thence along U.S. Route 301; to lat. 38°08'01"N., long. 77° 14'03"W.; to lat. 38°10'08"N., long. 77°16'06"W.; to lat. 38°14'00"N., long. 77°19'04"W.; to lat. 38°10'30"N., long. 77°22'44"W.; to lat. 38°04'45"N., long. 77°20'59"W.; to the point of beginning.
Altitudes. Surface to and including 3,000 feet MSL.
Times of use. Sunrise to sunset.
Controlling agency. FAA, Richmond ATCT
Using agency. U.S. Army, Fort A. P. Hill, Bowling Green, VA
ADDED 8/25/88

Hill Top MOA, IN
Boundaries. Beginning at lat. 40°59'00"N., long. 86°43'00"W.; to lat. 40°57'30"N., long. 86°26'30"W.; to lat. 40°53'00"N., long. 86°09'00"W.; to lat. 40°35'30"N., long. 86°09'30"W.; to lat. 40°25'00"N., long. 86°14'00"W.; to lat. 40°23'00"N., long. 86°26'00"W.; to lat. 40°40'30"N., long. 86°53'00"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. 0800-1900 Tuesday-Saturday; other times by NOTAM.
Controlling agency. FAA, Indianapolis ARTCC
Using agency. 122nd Tactical Fighter Wing, Air National Guard, Fort Wayne, IN
BOUNDARIES, ALTITUDES AND TIMES OF USE CHANGED 1/14/88

Hog High North MOA, AR
Boundaries. Beginning at lat. 35°13'50"N., long. 94°12'01"W.; to lat. 35°11'33"N., long. 94°12'01"W.; then east along Arkansas State Highway No. 10; to lat. 35°10'20"N., long. 94°01'01"W.; to lat. 35°15'00"N., long. 94°01'01"W.; to lat. 35°05'00"N., long. 93°34'01"W.; to lat. 34°51'00"N., long. 93°25'01"W.; to lat. 34°55'00"N., long. 94°23'08"W.; to lat. 35°05'31"N., long. 94°17'57"W.; to the point of beginning.

Altitudes. 6,000 feet MSL to, but not including FL 180.
Times of use. 0500-2000, Monday – Friday; other times by NOTAM.
Controlling agency. FAA, Memphis ARTCC
Using agency. Arkansas Air National Guard, 188th Tactical Fighter Group, Fort Smith, AR
ADDED5127193

Hog High South MOA, AR
Boundaries. Beginning at lat. 34°55'00"N., long. 94°23'08"W.; to lat. 34°51'00"N., long. 93°25'01"W.; to lat. 34°22'30"N., long. 93°39'01"W.; to lat. 34°22'30"N., long. 94°00'01 "W.; to lat. 34°30'00"N., long. 94°23'01"W.; to lat. 34°42'00"N., long. 94°30'01"W.; to the point of beginning.
Altitudes. 6,000 feet MSL to, but not including FL 180.
Times of use. 0500–2000, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Memphis ARTCC
Using agency. Arkansas Air National Guard, 188th Tactical Fighter Group, Fort Smith, AR
ADDED5127193

Hog JRTC MOA, AR
Boundaries. Beginning at lat. 35 ° 14'50"N., long. 94° 17'38"W.; to lat. 35°13'50"N., long. 94° 15'01 "W.; to lat. 35°13'50"N., long. 94°12'01"W.; to lat. 35°05'31"N., long. 94°17'57"W.; to lat. 35°13'42"N., long. 94°18'49"W.; to the point of beginning. **Altitudes.** 100 feet AGL to, but not including FL 180.
Times of use. 0500-2000, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Memphis ARTCC.
Using agency. Arkansas Air National Guard, 188th Tactical Fighter Group, Fort Smith, AR
ADDED 5/27/93

Hog Low North MOA, AR
Boundaries. Beginning at lat. 35°13'50"N., long. 94°12'01"W.; to lat. 35°11'33"N., long. 94°12'01"W.; then east along Arkansas State Highway No. 10 to lat. 35°10'20"N., long. 94°01'01"W.; to lat. 35°15'00"N., long. 94°01'01"W.; to lat. 35°05'00"N., long. 93°34'01"W.; to lat. 34°51'00"N., long. 93°25'01"W.; to lat. 34°55'00"N., long. 94°23'08"W.; to lat. 35°05'31"N., long. 94" 17'57"W.; to the point of beginning, excluding the airspace at and below 1,500 feet AGL within a 3 NM radius of the Booneville Airport located at lat. 35°08'55"N., long. 93°51'55"W.; and the Waldron Airport located at lat. 34°52'30"N., long. 94°06'35"W.
Altitudes. 100 feet AGL to, but not including 6,000 feet MSL.
Times of use. 0500-2000, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Memphis ARTCC.
Using agency. Arkansas Air National Guard, 188th Tactical Fighter Group, Fort Smith, AR
ADDED 5/27/93

Hog Low South MOA, AR
Boundaries. Beginning at lat. 34°55'00"N., long. 94°23'08"W.; to lat. 34°51'00"N., long. 93°25'01"W.; to lat. 34°22'30"N., long. 93°39'01"W.; to lat. 34°22'30"N., long. 94°00'01"W.; to lat. 34°40'58"N., long. 93°50'18"W.; to lat. 34°47'00"N., long. 94°28'01"W.; to the point of beginning, excluding the airspace at and below 1,500 feet AGL within a 3 NM radius of the Bearce Airport located at lat. 34°31'46"N., long. 93°31'38"W.; and the Waldron Airport located at lat. 34°52'30"N., long. 94°06'35"W.
Altitudes. 100 feet AGL to, but not including 6,000 feet MSL.
Times of use. 0500-2000, Monday-Friday; other times by NOTAM. .
Controlling agency. FAA, Memphis ARTCC.
Using agency. Arkansas Air National Guard, 188th Tactical Fighter Group, Fort Smith, AR
ADDED 5/27/93

Hollis MOA, OK
Boundaries. Beginning at lat. 35 ° 16'53"N., long. 99°42'09"W.; to lat. 34°55'15"N., long. 99°23'16"W.; to lat. 34°31'46"N., long. 99°50'24"W.; to lat. 34°45'29"N., long. 100°22'46"W.; to lat. 35°03'30"N., long. 100°10'01"W.; to the point of beginning.
Altitudes. From 11,000 feet MSL up to but not including FL 180.
Times of use. One hour before sunrise to one hour after sunset, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC
Using agency. 80th Flying Training Wing, Sheppard AFB, Wichita Falls, TX
BOUNDARIES CHANGED 2/9/89

Hood MOA, TX
Boundaries. Beginning at lat. 31°30'01"N., long. 98°03'01"W.; to lat. 31°30'01"N., long. 97°36'41"W.; to lat. 31°28'01"N., long. 97°34'31"W.; to lat. 31°14'01"N., long. 97°33'01"W.; to lat. 31°20'01"N., long. 97°41'01"W.; to lat. 31°21'01"N., long. 97°41'01"W.; to lat. 31°22'08"N., long. 97°41'56"W.; to lat. 31°23'01"N., long. 97°43'01"W.; to lat. 31°24'01"N., long. 97°48'01"W.; to lat. 31°19'01"N., long. 97°51'01"W.; to lat. 31°16'01"N., long. 97°54'01"W.; to lat. 31°09'01"N.,

long. 97°55'01"W.; to lat. 31°19'01"N., long. 98°03'01"W.; to the point of beginning.
Altitudes. 2,000 feet MSL to and including 10,000 feet MSL.
Times of use. 0700–1900, Monday-Friday; other times by NOTAM. The area will be used in VFR conditions and for approximately four hours a day.
Controlling agency. FAA, Houston ARTCC
Using agency. U. S. Army, Commanding General, III Corps and Fort Hood, Fort Hood, TX
REVISED 11/11/93

Howard East MOA, IL
Boundaries. Beginning at lat. 40°33'30"N., long. 90°52'00"W.; to lat. 40°37'00"N., long. 90°33'00"W.; to lat. 40°30'00"N., long. 89°53'00"W.; to lat. 39°59'00"N., long. 89°51'00"W.; to lat. 39°57'00"N., long. 91°07'01"W.; to the point of beginning, excluding the Quincy, IL, Class E airspace area.
Altitudes. 9,000 feet MSL to but not including FL 180.
Times of use. 0700-2200 Tuesday-Sunday; other times by NOTAM.
Controlling agency. FAA, Kansas City ARTCC
Using agency. 183rd Tactical Fighter Group, Illinois Air National Guard, Springfield, IL
BOUNDARIES CHANGED 9/16/93

Howard West MOA, IL
Boundaries. Beginning at lat. 40°30'00"N., long. 91°12'01"W.; to lat. 40°33'30"N., long. 90°52'00"W.; to lat. 39°57'00"N., long. 91°07'01"W.; to lat. 39°57'00"N., long. 91°12'01"W.; to the point of beginning, excluding the Quincy, IL, Class E airspace area.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. 0700–2200 Tuesday-Sunday; other times by NOTAM.
Controlling agency. FAA, Kansas City ARTCC
Using agency. 183rd Tactical Fighter Group, Illinois Air National Guard Springfield, IL
BOUNDARIES CHANGED 9/16/93

Hunter High MOA, CA
Boundaries. Beginning at lat. 36°07'00"N., long. 121°30'04"W.; to lat. 36°07'00"N., long. 121°11'04"W.; to lat. 36°03'30"N., long. 121°06'44"W.; to lat. 35°39'40"N., long. 120°43'24"W.; to lat. 35°33'50"N., long. 120°44'44"W.; to lat. 35°29'00"N., long. 120°58'34"W.; to lat. 35°26'20"N., long. 121°03'24"W.; thence northward 3 NM offshore to lat. 36°07'00"N., long. 121°41'04"W.; to the point of beginning.
Altitudes. From 11,000 feet MSL up to but not including FL 180.
Times of use. Intermittent – by NOTAM only.
Controlling agency. FAA, Oakland ARTCC
Using agency. Commander, Strike Fighter Wing Pacific Fleet, Naval Air Station, Lemoore, CA
USING AGENCY CHANGED 4/25/96

Hunter Low A MOA, CA
Boundaries. Beginning at lat. 36°07'00"N., long. 121°30'04"W.; to lat. 36°07'00"N., long. 121°11'04"W.; to lat. 36°03'30"N., long. 121°06'44"W.; to lat. 35°39'40"N., long. 120°43'24"W.; to lat. 35°45'00"N., long. 121°12'04"W.; to lat. 35°41'40"N., long. 121°15'34"W.; to the point of beginning excluding Restricted Area R-25 13.
Altitudes. From 200 feet AGL up to but not including 11,000 feet MSL.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Oakland ARTCC
Using agency. Commander, Strike Fighter Wing Pacific Fleet, Naval Air Station, Lemoore, CA
TIMES OF USE CHANGED 2/4/93

Hunter Low B MOA, CA
Boundaries. Beginning at lat. 35°39'40"N., long. 120°43'24"W.; to lat. 35°33'50"N., long. 120°44'44"W.; to lat. 35°29'00"N., long. 120°58'34"W.; to lat. 35°43'38"N., long. 121°04'39"W.; to the point of beginning.
Altitudes. From 2,000 feet AGL up to but not including 11,000 feet MSL.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Oakland ARTCC
Using agency. Commander, Strike Fighter Wing Pacific Fleet, Naval Air Station, Lemoore, CA
USING AGENCY CHANGED 4/25/96

Hunter Low C MOA, CA
Boundaries. Beginning at lat. 35°45'00"N., long. 121°12'04"W.; to lat. 35°43'38"N., long. 121°04'39"W.; to lat. 35°29'00"N., long. 120°58'34"W.; to lat. 35°41'40"N., long. 121°15'34"W.; to the point of beginning.
Altitudes. From 3,000 feet AGL up to but not including 11,000 feet MSL.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Oakland ARTCC
Using agency. Commander, Strike Fighter Wing Pacific Fleet, Naval Air Station, Lemoore, CA
USING AGENCY CHANGED 4/25/96

Hunter Low D MOA, CA
Boundaries. Beginning at lat. 36°07'00"N., long. 121°41'04"W.; to lat. 36°07'00"N., long. 121°30'04"W.; to lat. 35°41'40"N., long. 121°15'34"W.; to lat.

35°39'00"N., long. 121°20'04"W.; thence northward 3 NM offshore to the point of beginning.

Altitudes. From 1,500 feet AGL to 6,000 feet MSL.

Times of use. Intermittent by NOTAM.

Controlling agency. FAA, Oakland ARTCC

Using agency. Commander, Strike Fighter Wing Pacific Fleet, Naval Air Station, Lemoore, CA

USING AGENCY CHANGED 4/25/96

Hunter Low E MOA, CA

Boundaries. Beginning at lat. 35 °39'00"N., long. 121°20'04"W.; to lat. 35°41'40"N., long. 121" 15'34"W.; to lat. 35°29'00"N., long. 120°58'34"W.; to lat. 35°26'20"N., long. 121°03'24"W.; thence northward 3 NM offshore to the point of beginning.

Altitudes. From 1,500 feet AGL to 3,000 feet MSL.

Times of use. Intermittent by NOTAM.

Controlling agency. FAA, Oakland ARTCC

Using agency. Commander, Strike Fighter Wing Pacific Fleet, Naval Air Station, Lemoore, CA

Isabella MOA, CA

Boundaries. Beginning at lat. 36°08'00"N., long. 118°35'03"W.; to lat. 36°08'00"N., long. 117°53'03"W.; thence south and east along the boundary of R-2505 to lat. 35°39'15"N., long. 117°29'26"W.; to lat. 35°21'00"N., long. 117°38'33"W.; to lat. 35°19'20"N., long. 117°38'33"W.; thence along the western boundary of R-2515 to lat. 34°49'40"N., long. 118°05'48"W.; to lat. 34°48'00"N., long. 118°05'48"W.; to lat. 34°51'00"N., long. 118°.14'03"W.; to lat. 34°56'00"N., long. 118°21'03"W.; to lat. 35°15'00"N., long. 118°35'03"W.; to the point of beginning.

Altitudes. 200 feet AGL to but not including FL 180. Excluding that airspace up to and including 3,000 feet AGL over Domeland Wilderness Area; and excluding that airspace up to and including 1,500 feet AGL within a 3 NM radius of the following airports: Rosamond, California City, Mountain Valley, Tehachapi Kern County, Inyokem-Kern County, Kelso Valley Ranch, Flying S Ranch, Kern Valley, and Sacatar-Meadows; and excluding that airspace up to and including 4,800 feet MSL within a 4.3 NM radius of Mojave Airport excluding that airspace east and parallel to a line 1/2–mile west of R-25 15.

Times of use. 0600–2200 Monday-Friday; other times by NOTAM.

Controlling agency. FAA, Hi-Desert TRACON, Edwards, CA.

Using agency. R-2508 Complex Control Board.

ALTITUDES CHANGED 8/18/94

Jackal Low MOA, AZ

Boundaries. Beginning at lat. 32°40'17"N., long. 110°29'04"W.; thence counterclockwise via the 70 DME arc of the Willie (IWA) VORTAC to lat. 33°03'13"N., long. 110° 17'34"W.; to lat. 33°00'00"N., long. 110°00'00"W.; to lat. 32°46'53"N., long. 109°47'00"W.; to lat. 32°32'23"N., long. 109°54'19"W.; to the point of beginning.

Altitudes. 100 feet AGL to but not including 11,000 feet MSL or 3,000 feet AGL whichever is higher; excluding the airspace from the surface to 1,500 feet AGL within a 3 NM radius of the Flying J Ranch Airport (lat. 32°50'52"N., long. 109°52'54"W.).

Times of use. 0700–1800 Monday-Friday; 1800-2200 Monday-Friday by NOTAM; intermittent weekends by NOTAM.

Controlling agency. FAA, Albuquerque ARTCC

Using agency. U.S. Air Force, Commander, 162nd Fighter Group, Air National Guard, Tucson, AZ

ADDED 9/1 6/93

Jackal MOA, AZ

Boundaries. Beginning at lat. 32° 40'30"N., long. 110°30'00"W.; to lat. 33°45'00"N., long. 110°30'00"W.; to lat. 34°00'00"N., long. 109°34'00"W.; to lat. 32°54'30"N., long. 109°34'00"W.; to lat. 32°30'00"N., long. 109°44'00"W.; to the point of beginning.

Altitudes. 11,000 feet MSL or 3,000 feet AGL whichever is higher to but not including FL 180.

Times of use. 0700-1800 Monday-Friday; 1800-2200 Monday-Friday by NOTAM; intermittent weekends by NOTAM.

Controlling agency. FAA, Albuquerque ARTCC

Using agency. U.S. Air Force, Commander, 162nd Fighter Group, Air National Guard, Tucson, AZ

ADDED 9/1 6/93

Jena 1 MOA, LA

Boundaries. Beginning at lat. 31°47'41"N., long. 92°58'31"W.; to lat. 32°11'46"N., long. 92°23'41"W.; to lat. 32°04'31"N., long. 91°56'30"W.; to lat. 32°00'01"N., long. 91°55'00"W.; to lat. 31 °38'00"N., long. 92°15'44"W.; to lat. 31°38'00"N., long. 92°34'12"W.; to the point of beginning.

Altitudes. 100 feet AGL to 5,000 feet MSL. Excluding that airspace at and below 1,500 feet AGL within a 3-nautical-mile radius of: David G. Joyce Airport (OR5), Winnfield, LA (lat. 31°57'49"N., long. 92°39'37"W.); Olla Airport (LA32), Olla, LA (lat. 31°53'44"N., long. 92°13'04"W.); Columbia Airport (F86), Columbia, LA (lat. 32°07'20"N., long. 92°03' 10"W.); Jena Airport (1R1), Jena, LA (lat. 31°40'16"N., long. 92°09'31"W.).

Times of use. 0800-2200 Monday-Friday; other times by NOTAM.

Controlling agency. FAA, Houston ARTCC

Using agency. U.S. Air Force, 917 Fighter Wing, Barksdale AFB, LA
REVISED 1 /6/94

Jones MOA, LA
Boundaries. Beginning at lat. 32°18'16"N., long. 93°00'01"W.; to lat. 32°22'16"N., long. 92°35'01"W.; to lat. 32°12'01"N., long. 92°28'01"W.; to lat. 31°58'16"N., long. 92° 48'01 "W.; to the point of beginning.
Altitudes. From 7,000 feet MSL up to but not including FL 180.
Times of use. Days, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC
Using agency. 917 Tactical Fighter Group, Barksdale AFB, LA

Juniper Low MOA, OR
Boundaries. Beginning at lat. 43°55'59"N., long. 120°44'04"W.; to lat. 43°57'05"N., long. 120°26'24"W.; to lat. 43°38'00"N., long. 119°34'04"W.; to lat. 42°46'00"N., long. 119°12'27"W.; to lat. 42°46'00"N., long. 120°20'01"W.; to the point of beginning.
Altitudes. 300 feet AGL to but not including 11,000 feet MSL. Excluding the airspace 1500 feet AGL and below within a 3nm radius of the center of the Alkali Lake State and Wagontire Airports, Oregon.
Times of use. By NOTAM 2 hours and 30 minutes in advance, during daylight hours. (NOTE: not to exceed 3 17 hours per year.)
Controlling agency. FAA, Seattle ARTCC.
Using agency. ANG 142nd Fighter Group, Portland International Airport, Portland, Oregon.
ADDED 10/1 3/94

Juniper North MOA, OR
Boundaries. Beginning at lat. 43°55'59"N., long. 120°44'04"W.; to lat. 43°57'05"N., long. 120°26'24"W.; to lat. 43°43'30"N., long. 119°49'04"W.; to lat. 42°40'00"N., long. 120°13'04"W.; to lat. 42°40'00"N., long. 120°18'04"W.; to the point of beginning.
Altitudes. 11,000 feet MSL to but not including FL 180.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Seattle ARTCC
Using agency. 25th Air Division, McChord AFB, WA
ADDED 5/5/88

Juniper South MOA, OR
Boundaries. Beginning at lat. 43°43'30"N., long. 119°49'04"W.; to lat. 43°38'00"N., long. 119°34'04"W.; to lat. 42°40'00"N., long. 119°10'04"W.; to lat. 42° 40'00"N., long. 120°13'04"W.; to the point of beginning.
Altitudes. 11,000 feet MSL to but not including FL 180.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Seattle ARTCC
Using agency. 25th Air Division, McChord AFB, WA
ADDED 5/5/88

Kane East MOA, CA
Boundaries. Beginning at lat. 33 °28'30"N., long. 115°42'13"W.; to lat. 33°23'00"N., long. 115°51'03"W.; to lat. 33°07'00"N., long. 115°51'03"W.; to lat. 32°56'00"N., long. 115°40'03"W.; to lat. 32°56'30"N., long. 115°27'03"W.; to lat. 33°23'40"N., long. 115 °33'23"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. 0500 to 2100 daily; other times by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC
Using agency. U.S. Marine Corps, Marine Corps Air Station, Yuma, AZ
ADDED 9/16/93

Kane South MOA, CA
Boundaries. Beginning at lat. 32°56'00"N., long. 115°40'03"W.; to lat. 32°56'30"N., long. 115°27'03"W.; to lat. 32°51'00"N., long. 115°26'03"W.; to lat. 32°50'28"N., long. 115°45'13"W.; thence clockwise along the arc of a 4.3 NM radius circle centered at lat. 32°49'20"N., long. 115°40'18"W.; to lat. 32°53'45"N., long. 115°40'18"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. 0500 to 2100 daily; other times by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC
Using agency. U.S. Marine Corps, Marine Corps Air Station, Yuma, AZ
ADDED 9/1 6/93

Kane West MOA, CA
Boundaries. Beginning at lat. 33 ° 28'30"N., long. 115°42'13"W.; to lat. 33°23'00"N., long. 115°51'03"W.; to lat. 33°07'00"N., long. 115°51'03"W.; to lat. 32°56'00"N., long. 115°40'03"W.; to lat. 32°53'45"N., long, 115 ° 40' 18"W.; thence counterclockwise along the arc of a 4.3 NM radius circle centered at lat. 32°49'20"N., long. 115°40'18"W.; to lat. 32°50'28"N., long. 115°45'13"W.; to lat. 32°50'00"N., long. 116°01'03"W.; to lat. 32°57'00"N., long. 116°10'03"W.; to lat. 33°18'00"N., long. 116°10'03"W.; to lat. 33°28'30"N., long. 115°51'33"W.; to the point of beginning excluding R–2510.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. 0500 to 2100 daily; other times by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC
Using agency. U.S. Marine Corps, Marine Corps Air Station, Yuma, AZ
ADDED 9/16/93

Kingsville 1 MOA, TX

Boundaries. Beginning at lat. 27°16'06"N., long. 99°07'36"W.; thence the Laredo VORTAC 20–mile arc counterclockwise to lat. 27°29'01"N., long. 99°02'34"W.; to lat. 27°40'56"N., long. 98°07'29"W.; thence the Laredo VORTAC 70–mile arc clockwise to lat. 27°24'33"N., long. 98°06'31"W.; to lat. 27°23'33"N., long. 97°44'04"W.; thence the Laredo VORTAC 90–mile arc clockwise to lat. 26°21'27"N., long. 98°17'56"W.; to the point of beginning.

Altitudes. From 8,000 feet up to but not including FL 180.

Times of use. Sunrise-2400 Monday-Friday; sunrise-sunset Saturday; and 1000-2400 Sunday; other times by NOTAM.

Controlling agency. FAA, Houston ARTCC

Using agency. Commander, Training Wing Two, Naval Air Station, Kingsville, TX

Kingsville 2 MOA, TX

Boundaries. Beginning at lat. 27°40'56"N., long. 98°07'29"W.; to lat. 27°45'44"N., long. 97°45'33"W.; thence the Laredo VORTAC 90–mile arc clockwise to lat. 27°23'33"N., long. 97°44'04"W.; to lat. 27°24'33"N., long. 98°06'31 "W.; thence the Laredo VORTAC 70–mile arc counterclockwise to the point of beginning.

Altitudes. From 13,000 feet up to but not including FL 180.

Times of use. Sunrise-2400 Monday-Friday; sunrise-sunset Saturday; and 1000–2400 Sunday; other times by NOTAM.

Controlling agency. FAA, Houston ARTCC

Using agency. Commander, Training Wing Two, Naval Air Station, Kingsville, TX

Kingsville 3 MOA, TX

Boundaries. Beginning at lat. 28°34'42"N., long. 98°37'42"W.; thence clockwise along the 78–mile arc of the Laredo VORTAC to lat. 27°52'24"N., long. 98°01'19"W.; to lat. 27°38'45"N., long. 99°05'34"W.; thence counterclockwise along the 20–mile arc of the Laredo VORTAC to lat. 27°44'49"N., long. 99° 11'37"W.; to lat. 28°12'31"N., long. 98°55'01"W.; to the point of beginning.

Altitudes. From 8,000 feet MSL up to but not including FL 180.

Times of use. Sunrise-2400 Monday-Friday; 1400–2400 Sunday; other times by NOTAM.

Controlling agency. FAA, Houston ARTCC

Using agency. Chief, Naval Air Training, Corpus Christi, TX

ADDED 3/30/95

Kingsville 4 MOA, TX

Boundaries. Beginning at lat. 29°04'04"N., long. 97°30'06"W.; arc clockwise on the 61 NM arc of the San Antonio VORTAC to lat. 28°40'06"N., long. 98°07'32"W.; to lat. 28°32'31"N., long. 98°04'31"W.; to lat. 28°00'01"N., long. 97°26'46"W.; to lat. 28°27'01"N., long. 97'02'41 "W.; to lat. 28 °40'59"N., long. 97°19' 19"W.; arc counterclockwise on the 83 NM arc of the San Antonio VORTAC to lat. 28°52' 10"N., long. 97°08'59"W.; to the point of beginning.

Altitudes. From 11,000 feet MSL to but not including FL 180.

Times of use. Sunrise-2400 Monday-Friday; 1400–2400 Sunday; other times by NOTAM.

Controlling agency. FAA, Houston ARTCC

Using agency. Chief, Naval Air Training, Corpus Christi, TX

ADDED 3/30/95

Kingsville 5 MOA, TX

Boundaries. Beginning at lat. 29°10'35"N., long. 96°58'13"W.; arc clockwise on the 83 NM arc of the San Antonio VORTAC to lat. 28°40'59"N., long. 97°19'19"W.; to lat. 28°27'01"N., long. 97°02'41"W.; to lat. 28°29'31"N., long. 97°00'31"W.; to lat. 28°38'01"N., long. 96°45'31"W.; to lat. 28°53'31"N., long. 96°35'31"W.; to lat. 29°06'31"N., long. 96°44'31"W.; to the point of beginning.

Altitudes. From 9,000 feet MSL to but not including FL 180.

Times of use. Sunrise-2400 Monday-Friday; 1400-2400 Sunday; other times by NOTAM.

Controlling agency. FAA, Houston ARTCC

Using agency. Chief, Naval Air Training, Corpus Christi, TX

ADDED 3/30/95

Kiowa MOA, PA

Boundaries. Beginning at lat. 40°25'06"N., long. 76°44'47"W.; to lat. 40°28'00"N., long. 76°46'59"W.; to lat. 40°29'42"N., long. 76°42'59"W.; to lat. 40°29'31"N., long. 76°39'07"W.; to lat. 40°28'31"N., long. 76°36'21"W.; to the point of beginning.

Altitudes. 500 feet AGL up to and including 13,000 feet MSL.

Times of use. 0800–sunset Tuesday-Sunday; other times by NOTAM.

Controlling agency. FAA, New York ARTCC

Using agency. U. S. Army Garrison, Fort Indiantown Gap, PA

Kit Carson A MOA, CO

Boundaries. Beginning at lat. 38 ° 57'00"N., long. 102°41'02"W.; to lat. 39°14'20"N., long. 101°51'14"W.;

to lat. 38°48'33"N., long. 101°36'21"W.; to lat. 38°31'00"N., long. 102°27'02"W.; to the point of beginning.

Altitudes. 100 feet AGL to but not including 9,000 feet MSL.

Times of use. Intermittent by NOTAM only.

Controlling agency. FAA, Denver ARTCC, CO

Using agency. 140 Tactical Fighter Wing, Buckley Air National Guard Base, CO

Kit Carson B MOA, CO

Boundaries. Beginning at lat. 38°47'00"N., long. 103°22'02"W.; to lat. 39°16'00"N., long. 101°45'32"W.; to lat. 38°52'00"N., long. 101°28'32"W.; to lat. 38° 19'30"N., long. 102°41'02"W.; to the point of beginning.

Altitudes. 9,000 feet MSL to but not including FL 180.

Times of use. Intermittent by NOTAM only.

Controlling agency. FAA, Denver ARTCC, CO

Using agency. 140 Tactical Fighter Wing, Buckley Air National Guard Base, CO

La Veta High MOA, CO

Boundaries. Beginning at lat. 38°15'30"N., long. 104°55'02"W.; to lat. 38°17'00"N., long. 105" 19'02"W.; to lat. 37°50'00"N., long. 105°30'02"W.; to lat. 37°36'00"N., long. 105°30'02"W.; to lat. 37°36'00"N., long. 105°05'02"W.; to lat. 37°40'30"N., long. 104°45'02"W.; to lat. 37°55'00"N., long. 104°38'02"W.; to lat. 38°04'00"N., long. 104°49'02"W.; to the point of beginning.

Altitudes. 13,000 feet MSL to but not including FL 180.

Times of use. 0700-l 600 Monday-Friday (excluding holidays); other times by NOTAM.

Controlling agency. FAA, Denver ARTCC and FSS

Using agency. 140 Tactical Fighter Wing, Buckley Air National Guard Base, CO

La Veta Low MOA, CO

Boundaries. Beginning at lat. 38°15'30"N., long. 104°55'02"W.; to lat. 38°04'00"N., long. 104°49'02"W.; to lat. 38°00'55"N., long. 104°45'15"W.; to lat. 37°55'00"N., long. 105°00'02"W.; to lat. 38°16'19"N., long. 105°07'58"W.; to the point of beginning.

Altitudes. 1,500 feet AGL up to and including 13,000 feet MSL.

Times of use. Intermittent by NOTAM.

Controlling agency. FAA, Denver ARTCC

Using agency. 140 Tactical Fighter Wing, Buckley Air National Guard Base, CO

Lady MOA, LA

Boundaries. Beginning at lat. 32°00'31"N., long. 93°32'31"W.; to lat. 32" 12'01"N., long. 93°16'01"W.; to lat. 31°58'01"N., long. 92°57'01"W.; to lat. 31°48'31"N., long. 93°10'31"W.; to lat. 31°54'16"N., long. 93°24'31"W.; to the point of beginning.

Altitudes. 10,000 feet MSL to but not including FL 180.

Times of use. Normally, Monday-Friday, sunrise-sunset; other times by NOTAM.

Controlling agency. FAA, Fort Worth ARTCC

Using agency. 917 Tactical Fighter Group, Barksdale AFB, LA

Lake Andes, SD

Boundaries. Beginning at lat. 43°35'00"N., long. 98°09'00"W.; to lat. 43°38'00"N., long. 99° 16'OO"W.; to lat. 43 ° 39'37"N., long. 100°00'00"W.; to lat. 43°30'00"N., long. 100°00'00"W.; to lat. 42°58'00"N., long. 99°32'00"W.; to lat. 42°42'00"N., long. 98°42'00"W.; to lat. 43°13'00"N., long. 97°52'00"W.; to the point of beginning.

Altitudes. 6,000 feet MSL to but not including FL 180.

Times of use. 0900-l 100, 1400–1600 Tuesday, through Saturday; other times by NOTAM. Airspace will not be scheduled between 2200-0700.

Controlling agency. FAA, Minneapolis ARTCC.

Using agency. 114th Fighter Group, Sioux Falls, SD.

REVISED 4/25/96

Lake Placid MOA, FL

Boundaries. Beginning at lat. 27°53'31"N., long. 81°51'59"W.; to lat. 28°00'01"N., long. 81°20'59"W.; to lat. 27°44'46"N., long. 81°20'59"W.; to lat. 27°44'46"N., long. 81°25'19"W.; to lat. 27°42'01"N., long. 81°25'19"W.; to lat. 27°32'33"N., long. 81°21'39"W.; to lat. 27°32'41"N., long. 81'16'49"W.; to lat. 27°29'01"N., long. 81 ° 13'29"W.; to lat. 27° 15'01"N., long. 81°04'59"W.; to lat. 27°04'01"N., long. 81°16'59"W.; to lat. 27°04'01"N., long. 81°24'59"W.; to the point of beginning.

Altitudes. 7,000 feet MSL to but not including FL 180.

Times of use. Intermittently, normally daylight hours, Monday-Friday; occasionally on Saturday and Sunday.

Controlling agency. FAA, Miami ARTCC

Using agency. 56 Tactical Training Wing, MacDill AFB, TX

Laughlin 1 MOA, TX

Boundaries. Beginning at a point on the United States/Mexico border 23 statute miles northwest of the Laughlin VORTAC (DLF) (lat. 29°21'39"N., long. 100°46' 18"W.); thence along the United States/Mexico border to a point thereon 104 statue miles northwest of DLF; thence clockwise along the 104–statute–mile radius arc of DLF to the 298°(M) radial of DLF; thence southeast along the 298°(M) radial of DLF to a point 98 statute miles

northwest of DLF; thence clockwise along the 98–statute–mile radius arc of DLF to the 3 17° (M) radial of DLF; thence southeast along the 3 17° (M) radial of DLF to a point 86.5 statute miles northwest of DLF; thence clockwise along the 86.5–statute–mile radius arc of DLF to the 014° (M) radial of DLF; thence south along the 014° (M) radial of DLF to a point 57.5 statute miles north of DLF; thence clockwise along the 57.5–statute–mile radius arc of DLF to the 023° (M) radial of DLF; thence southwest along the 023 °(M) radial of DLF to a point 23 statute miles northeast of DLF; thence counterclockwise along the 23-statute-mile radius arc of DLF to the point of beginning.
Altitudes. 9,000 feet MSL to but not including FL 180.
Times of use. 0600-2000 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC
Using agency. 47th Flying Training Wing, Laughlin AFB, TX

Laughlin 2 MOA, TX
Boundaries. That area between the 20.5–statute–mile (18 NM) radius arc and the 44–statute–mile (38 NM) radius arc of the Rocksprings VORTAC (RSG) (lat. 30°00'53"N., long. 100° 18'OO"W.) extending clockwise from the 090° (M) radial to the 138° (M) radial of the Rocksprings VORTAC.
Altitudes. 9,000 feet MSL to but not including FL 180.
Times of use. 0600-2000 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC
Using agency. 47th Flying Training Wing, Laughlin AFB, TX

Laughlin 3 MOA, TX
Boundaries. Beginning at a point on the United States/Mexico border 21 statute miles southeast of the Laughlin VORTAC (DLF) (lat. 29°21'39"N., long. 100°46' 18"W.); thence along the United States/Mexico border to a point thereon 69 statute miles southeast of DLF; thence counterclockwise along the 69-statute-mile radius arc of DLF to the 107 °(M) radial of DLF; thence westerly along the 107° (M) radial of DLF to a point 56.5 statute miles east of DLF; thence counterclockwise along the 56.5–statute–mile radius arc of DLF to interception of the 44–statute–mile arc of the Rocksprings VORTAC (RSG) (lat. 30°00'53"N., long. 100° 18'OO"W.); thence clockwise via the 44–statute–mile radius arc of RSG to the 138 °(M) radial of RSG; thence northwest along the 138° (M) radial of RSG to interception of the 045° (M) radial of DLF; thence southwest along the 045 °(M) radial of DLF to a point 17.5 statute miles northeast of DLF; thence clockwise along the 17.5–statute–mile radius arc of DLF to the 085 °(M) radial of DLF; thence easterly along the 085° (M) radial of DLF to a point 21 statute miles east of DLF; thence clockwise along the 21-statute-mile radius arc of DLF to the point of beginning.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. 0600–2000 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC
Using agency. 47th Flying Training Wing, Laughlin AFB, TX

Lincoln MOA, NE
Boundaries. Beginning at lat. 40°24'00"N., long. 98°10'01"W.; to lat. 40°39'00"N., long. 97°18'31"W.; to lat. 40°27'30"N., long. 97°00'01"W.; to lat. 40°12'00"N., long. 97°00'01"W.; to lat. 40°03'00"N., long. 98°10'01"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. By NOTAM (normally 0900–1600 Tuesday-Sunday).
Controlling agency. FAA, Minneapolis ARTCC
Using agency. Commander, 155 Tactical Reconnaissance Group, Air National Guard, Lincoln Municipal Airport, Lincoln, NE

Lindbergh A MOA, MO
Boundaries. Beginning at lat. 37°39'00"N., long. 91°56'30"W.; to lat. 37°51'36"N., long. 91°01'04"W.; to lat. 37°21'00"N., long. 91° 13'30"W.; to lat. 37°21'00"N., long. 92°03'15"W.; to lat. 37°24'40"N., long. 92°03'15"W.; to the point of beginning.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. 0900–1030 and 1300-l 430 Monday – Friday; by NOTAM 0900-1030 and 1300-1430 Saturday-Sunday, one weekend per month; by NOTAM 1800-2100 Monday-Friday, two months a year; other times by NOTAM.
Controlling agency. FAA, Kansas City ARTCC
Using agency. Missouri Air National Guard, 13 1 st Fighter Wing, Lambert-St. Louis International Airport, MO
ADDED 6/23/94

Lindbergh B MOA, MO
Boundaries. Beginning at lat. 37°5 1'36"N., long. 91°01'04"W.; to lat. 37°46'42"N., long. 90°46'06"W.; to lat. 37°00'00"N., long. 90°54'00"W.; to lat. 37°00'00"N., long. 91°22'00"W.; to lat. 37°21'00"N., long. 91° 13'30"VV.; to the point of beginning.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. 0900-1030 and 1300-1430 Monday-Friday; by NOTAM 0900–1030 and 1300-1430 Saturday-Sunday,

one weekend per month; by NOTAM 1800-2100 Monday-Friday, two months a year; other times by NOTAM.
Controlling agency. FAA, Kansas City ARTCC
Using agency. Missouri Air National Guard, 13 1st Fighter Wing, Lambert-S t. Louis International Airport, MO
ADDED 6/23/94

Lindbergh C MOA, MO
Boundaries. Beginning at lat. 37°21'00"N., long. 92°03'15"W.; to lat. 37°21'00"N., long. 91 ° 13'30"W.; to lat. 37°00'00"N., long. 91°22'00"W.; to lat. 37°00'00"N., long. 92°03'15"W.; to the point of beginning.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. 0900–1030 and 1300–1430 Monday-Friday; by NOTAM 0900–1030 and 1300-1430 Saturday-Sunday, one weekend per month; by NOTAM 1800-2100 Monday-Friday, two months a year; other times by NOTAM.
Controlling agency. FAA, Kansas City ARTCC
Using agency. Missouri Air National Guard, 13 1 st Fighter Wing, Lambert–S t., Louis International Airport, MO
ADDED 6/23/94

Lindbergh D MOA, MO
Boundaries. Beginning at lat. 37°00'00"N., long. 91°22'00"W.; to lat. 37°00'00"N., long. 90°54'00"W.; to lat. 36°38'00"N., long. 90°58'00"W.; to lat. 36°38'00"N., long. 9 1 ° 31'00"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. 0900-1030 and 1300-1430 Monday-Friday; by NOTAM 0900-1030 and 1300-1430 Saturday-Sunday, one weekend per month; by NOTAM 1800-2100 Monday-Friday, two months a year; other times by NOTAM.
Controlling agency. FAA, Kansas City ARTCC
Using agency. Missouri Air National Guard, 131st Fighter Wing, Lambert-St. Louis International Airport, MO
ADDED 6/23/94

Lindbergh E MOA, MO
Boundaries. Beginning at lat. 37 ° 00'00"N., long. 92°03'15"W.; to lat. 37°00'00"N., long. 91°22'00"W.; to lat. 36°38'00"N., long. 91°31'00"W.; to lat. 36°38'00"N., long. 91 °50'00"W.; to lat. 36°45'00"N., long. 92°03'15"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. 0900–1030 and 1300–1430 Monday-Friday; by NOTAM 0900–1030 and 1300–1430 Saturday-Sunday, one weekend per month; by NOTAM 1800–2100 Monday-Friday, two months a year; other times by NOTAM.
Controlling agency. FAA, Kansas City ARTCC
Using agency. Missouri Air National Guard, 13 1st Fighter Wing, Lambert-St, Louis International Airport, MO
ADDED 6/23/94

Live Oak MOA, FL
Boundaries. Beginning at lat. 30°23'01"N., long. 82°39'59"W.; to lat. 30°14'01"N., long. 82°38'59"W.; to lat. 29°48'01"N., long. 82°40'19"W.; to lat. 29°48'01"N., long. 83°05'59"W.; to lat. 30°23'01"N., long. 83°33'00"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. 0700–2200 Monday-Friday, except Holidays; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Commander, Light Attack Wing One, Naval Air Station Cecil Field, FL

PENDING ACTION
By removing the current using agency and substituting the following:
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, NAS Jacksonville, FL.
AMENDED 8/15/96

Lucin A MOA, UT
Boundaries. Beginning at lat. 40°49'00"N., long. 113°40'03"W.; to lat. 40°59'30"N., long. 114°15'03"W.; to lat. 41°11'30"N., long. 114°15'03"W.; to lat. 41° 14'13"N., long. 114°00'03"W.; to lat. 41°23'00"N., long. 114°00'03"W.; to lat." 41°52'30"N., long. 113°15'03"W.; to lat. 41°57'00"N., long. 113°27'03"W.; to lat. 41°52'30"N., long. 113°55'23"W.; to lat. 41 °40'00"N., long. 114°30'03"W.; to lat. 40°54'00"N., long. 114°26'03"W.; to the point of beginning.
Altitudes. 100 feet AGL to 9,000 feet MSL.
Times of use. 0500–2000 Monday-Saturday; other times by NOTAM.
Controlling agency. FAA, Salt Lake City ARTCC
Using agency. 6501 Range Squadron (AFSC), Hill AFB, UT 84406

Lucin B MOA, UT
Boundaries. Beginning at lat. 41° 14'13"N., long. 114°00'03"W.; to lat. 41°23'00"N., long. 114°00'03"W.; to lat. 41°52'30"N., long. 113°15'03"W.; to lat. 41°12'35"N., long. 113°00'16"W.; to lat. 41° 16'00"N., long. 113'50'03"W.; to the point of beginning.
Altitudes. 100 feet AGL to 7,500 feet MSL.
Times of use. 0500-2000 Monday-Saturday; other times by NOTAM.
Controlling agency. FAA, Salt Lake City ARTCC

Using agency. 6501 Range Squadron (AFSC), Hill AFB, UT 84406

Lucin C MOA, UT
Boundaries. Beginning to lat. 40°53'00"N., long. 114°17'03"W.; to lat. 40°36'00"N., long. 114°17'03"W.; to lat. 40°36'00"N., long. 114°26'03"W.; to lat. 40°54'00"N., long. 114°26'03"W.; to the point of beginning.
Altitudes. 100 feet AGL to 6,500 feet MSL.
Times of use, 0500–2000 Monday-Saturday; other times by NOTAM.
Controlling agency. FAA, Salt Lake City ARTCC
Using agency. 6501 Range Squadron (AFSC), Hill AFB, UT 84406

Marian MOA, FL
Boundaries. Beginning at lat. 27°44'46"N., long. 81°08'29"W.; to lat. 27°44'41"N., long. 81°03'59"W.; to lat. 27°41'21"N., long. 80°53'59"W.; to lat. 27°30'01"N., long. 80°48'19"W.; to lat. 27°23'16"N., long. 80°56'59"W.; to lat. 27°34'01"N., long. 81°04'29"W.; to the point of beginning.
Altitudes. 500 feet AGL to 5,000 feet MSL, inclusive.
Times of use. Intermittently, normally daylight hours, Monday-Friday; occasionally on Saturday and Sunday.
Controlling agency. FAA, Miami ARTCC
Using agency. Commander, 549th Tactical Air Support Squadron, Patrick AFB, FL

Maxwell 1 MOA, CA
Boundaries. The area between the Maxwell VORTAC 258° and 348° radials from the Maxwell 10 to 35 NM DME arc.
Altitudes. 11,000 feet MSL to but not including FL 180.
Times of use. 0500-2000 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. U.S. Air Force, Commanding Officer, Beale AFB, CA
REVISED 11 Ill /93

Maxwell 2 MOA, CA
Boundaries. The area between the Maxwell VORTAC 303° and 348° radials from the Maxwell 35 to.60 NM DME arc.
Altitudes. 11,000 feet MSL to but not including FL 180.
Times of use. 0500–2000 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. U.S. Air Force, Commanding Officer, Beale AFB, CA
REVISED 11 /11 /93

Maxwell 3 MOA, CA
Boundaries. The area between the Maxwell VORTAC 258° and 303° radials from the Maxwell 35 to 60 NM DME arc.
Altitudes. 11,000 feet MSL to but not including FL 180.
Times of use. 0502000 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. U.S. Air Force, Commanding Officer, Beale AFB, CA
REVISED 11 Ill /93

Mayport MOA, FL
Boundaries. Beginning at lat. 30°32'01"N., long. 81°21'14"W.; to lat. 30°29'50"N., long. 81°20'58"W.; thence clockwise via an 8.5 statute mile radius arc of NAS Mayport (lat. 30°23'31"N., long. 81°25'25"W.); to lat. 30°19'24"N., long. 81°81'20"W.; to lat. 30°21'21"N., long. 81°25'39"W.; to lat. 30°22'11"N., long. 81°26'29"W.; to lat. 30°27'01"N., long. 81°26'14"W.; to the point of beginning.
Altitudes. 500 feet MSL to but not including FL 180.
Times of use. Intermittent, by NOTAM, 1800–2200 local time, not to exceed four 30–minute periods per month.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, NAS Jacksonville, FL.
ADDED 2/4/93

Meridian 1 East MOA, MS
Boundaries. Beginning at lat. 33°25'00"N., long. 88°00'00"W.; to lat. 33°18'30"N., long. 87°49'00"W.; to lat. 33°11'00"N., long. 87°48'30"W.; to lat. 33°07'30"N., long. 87°53'30"W.; to lat. 33°03'35"N., long. 87°59'10"W.; to lat. 32°51'10"N., long. 88°17'16"W.; via a 45 DME arc clockwise of the Tuscaloosa VORTAC to lat. 33°23'47"N., long. 88°25'01"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. Sunrise-sunset, normally Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Memphis ARTCC
Using agency. Commander, Training Wing One, Naval Air Station, Meridian, MS

Meridian 1 West MOA, MS
Boundaries. Beginning at lat. 33°23'47"N., long. 88°25'01"W.; to lat. 33°23'30"N., long. 88°31'00"W.; to lat. 33°23'00"N., long. 89°59'30"W.; to lat. 33°05'35"N., long. 90°01'40"W.; to lat. 33°00'10"N., long. 89°59'15"W.; to lat. 32°53'00"N., long. 90°01'00"W.; to lat. 32°34'31"N., long. 89°56'00"W.; to lat. 32°32'01"N., long. 89°06'10"W.; to lat. 32°34'01"N., long. 88°54'05"W.; to lat. 32°34'01"N., long. 88°42'00"W.; to

lat. 32°51'10"N., long. 88° 17'16"W.; thence via a 45 DME arc clockwise of the Tuscaloosa VORTAC to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. Intermittent, sunrise-2300, Sunday-Friday; other times by NOTAM.
Controlling agency. FAA, Memphis ARTCC
Using agency. Commander, Training Wing One, Naval Air Station, Meridian, MS
TIMES OF USE CHANGED 4/9/87

Minnow MOA, WI
Boundaries. Beginning at lat. 44°05'30"N., long. 87°29'45"W.; to lat. 44°01'14"N., long. 86°56'38"W.; to lat. 43°41'00"N., long. 86°38'00"W.; to lat. 43°17'00"N., long. 86°44'00"W.; to lat. 43° 15'30"N., long. 87°14'00"W.; to lat. 43°19'00"N., long. 87°41'00"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180, excluding that airspace within R-6903 when activated.
Time of designation. Intermittent by NOTAM (normally daylight hours).
Controlling agency. FAA, Chicago ARTCC.
Using agency. Air National Guard Combat Readiness Training Center, Volk Field, WI.
BOUNDARIES, ALTITUDES, USING AGENCY CHANGED 4/25/96

Misty 1 MOA, NY
Boundaries. Beginning at lat. 43°37'30"N., long. 78°41'59"W.; to lat. 43°37'30"N., long. 77°59'59"W.; to lat. 43°24'00"N., long. 77°59'59"W.; to lat. 43"15'00"N., long. 78 ° 11'59"W.; to lat. 43 ° 15'00"N., long. 78° 16'59"W.; to lat. 43°20'30"N., long. 78°34'29"W.; to lat. 43°26'00"N., long. 78°44'59"W.; to lat. 43°36'00"N., long. 78°44'59"W.; thence to the point of beginning.
Altitudes. 4,000 feet MSL up to but not including 18,000 feet MSL.
Times of use. 0800–2200 Monday-Friday; 0800–1600 Saturday and Sunday; other times by NOTAM.
Controlling agency. FAA, Cleveland ARTCC
Using agency. 24th Air Division/DOTS, Griffiss AFB, NY
BOUNDARIES CHANGED 9/21/89

Misty 2 MOA, NY
Boundaries. Beginning at lat. 43 ° 37'30"N., long. 77°59'59"W.; to lat. 43°37'30"N., long. 76°46'59"W.; to lat. 43°24'00"N., long. 76°46'59"W.; to lat. 43°24'00"N., long. 77" 59'59"W.; to the point of beginning.
Altitudes. 300 feet AGL up to but not including 18,000 feet MSL.
Times of use. 0800-2200, Monday-Friday; 0800-l 600, Saturday and Sunday; other times by NOTAM.
Controlling agency. FAA, Cleveland ARTCC
Using agency. 24th Air Division/DOTS, Griffiss AFB, NY

Misty 3 MOA, NY
Boundaries. Beginning at lat. 43°24'00"N., long. 77°59'59"W.; to lat. 43°24'00"N., long. 76°46'59"W.; to lat. 43°15'00"N., long. 76°45'59"W.; to lat. 43"15'00"N., long. 78 °11'59"W.; to the point of beginning.
Altitudes. 11,000 feet MSL up to but not including 18,000 feet MSL.
Times of use. 0800-2200, Monday-Friday; 0800-l 600, Saturday and Sunday; other times by NOTAM.
Controlling agency. FAA, Cleveland ARTCC
Using agency. 24th Air Division/DOTS, Griffiss AFB, NY

Moody 1 MOA, GA
Boundaries. Beginning at lat. 32°03'46"N., long. 83°29'00"W.; to lat. 31°13'01"N., long. 82°39'00"W.; to lat. 30°35'01 "N., long. 82°38'59"W.; to lat. 30° 38'01 "N., long. 83°43'00"W.; to lat. 31 ° 18'01"N., long. 84°01'10"W.; to lat. 31°22'46"N., long. 84°02'00"W.; to lat. 31 °30'01"N., long. 84°06'00"W.; to lat. 32°03'46"N., long. 83°54'00"W.; to lat. 32°05'01"N., long. 83 ° 44' 15"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. 0700–2300 Monday-Friday; occasionally Saturday and Sunday by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Valdosta Radar Approach Control Facility, Moody AFB Valdosta, GA

Moody 2 North MOA, GA
Boundaries. Beginning at lat. 31°18'01"N., long. 82°51'00"W.; to lat. 31°14'01"N., long. 82°49'00"W.; to lat. 31 °01'36"N., long. 82°39'00"W.; to lat. 30°57'01"N., long. 82°39'00"W.; to lat. 30°57'01"N., long. 83°01'00"W.; to lat. 31°21'01"N., long. 83°01'00"W.; to the point of beginning.
Altitudes. 500 feet AGL to but not including 8,000 feet MSL.
Times of use. Intermittent, 0700–2300 Monday-Friday; occasionally on Saturday and Sunday by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Valdosta Radar Approach Control Facility, Moody AFB, Valdosta, GA
ADDED 1/11/90

Moody 2 South MOA, GA
Boundaries. Beginning at lat. 30'57'01 "N., long. 83°01'00"W.; to lat. 30°57'01"N., long. 82°39'00"W.; to

lat. 30°35'01"N., long. 82°39'00"W.; to lat. 30°36'11"N., long. 83°01'00"W.; to the point of beginning.
Altitudes. 100 feet AGL to but not including 8,000 feet MSL.
Times of use. Intermittent, 0700-2300 Monday-Friday; occasionally on Saturday and Sunday by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Valdosta Radar Approach Control Facility, Moody AFB, Valdosta, GA
ADDED 1 Ill /90

Moody 3 MOA, GA
Boundaries. Beginning at lat. 31°40'31"N., long. 84°36'30"W.; to lat. 31°20'01"N., long. 84°28'00"W.; to lat. 30°57'41"N., long. 84°28'00"W.; to lat. 30'54'41 "N., long. 84°39'30"W.; to lat. 31°21'01"N., long. 85°08'00"W.; to lat. 31°50'31"N., long. 85°04'00"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. 0700-2300 Monday-Friday; occasionally Saturday and Sunday by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. U.S. Air Force, 374 Tactical Fighter Wing, Moody AFB, GA
BOUNDARIES AND USING AGENCY CHANGED 11/14/91

Morenci MOA, AZ
Boundaries. Beginning at lat. 33°15'00"N., long. 109°34'02"W.; to lat. 33°15'00"N., long. 108°24'32"W.; to lat. 32°28'15"N., long. 109°19'02"W.; to lat. 32°30'00"N., long. 109°44'02"W.; to lat. 32°54'30"N., long. 109°34'02"W.; to the point of beginning, excluding a 5 NM radius of Safford, AZ, Municipal Airport from 1,500 feet AGL to and including 5,000 feet AGL.
Altitudes. From 1,500 feet AGL to but not including FL 180.
Times of use. 0600–2100 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC
Using agency. 162nd Tactical Fighter Group, Tucson, AZ

Mt. Dora East High MOA, NM
Boundaries. Beginning at lat. 36°30'00"N., long. 103°01'00"W.; to lat. 36°15'00"N., long. 102°47'42"W.; to lat. 36°07'00"N., long. 102°51'48"W.; to lat. 35°58'00"N., long. 103°45'00"W.; to lat. 36°30'00"N., long. 103°45'OO"W.; to the point of beginning.
Altitudes. 11,000 feet MSL to but not including FL 180.
Times of use. 0830-2200, Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC
Using agency. U.S. Air Force, Commander, 27th Tactical Fighter Wing, Cannon AFB, NM
ADDED 3/3/94

Mt. Dora East Low MOA, NM
Boundaries. Beginning at lat. 36°30'00"N., long. 103°01'00"W.; to lat. 36°15'00"N., long. 102°47'42"W.; to lat. 36°07'00"N., long. 102°51'48"W.; to lat. 35°58'00"N., long. 103°45'00"W.; to lat. 36°30'00"N., long. 103°45'00"W.; to the point of beginning.
Altitudes. 1,500 feet AGL to but not including 11,000 feet MSL.
Times of use. 0830–2200, Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC
Using agency. U.S. Air Force, Commander, 27th Tactical Fighter Wing, Cannon AFB, NM
ADDED 3/3/94

Mt. Dora North High MOA, NM
Boundaries. Beginning at lat. 37°06'00"N., long. 103°42'54"W.; to lat. 37°05'00"N., long. 103°32'24"W.; to lat. 36°30'00"N., long. 103°01'00"W.; to lat. 36°30'00"N., long. 104° 19'OO"W.; to the point of beginning.
Altitudes. 11,000 feet MSL to but not including FL 180.
Times of use. 0830-2200, Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC
Using agency. U.S. Air Force, Commander, 27th Tactical Fighter Wing, Cannon AFB, NM
ADDED 3/3/94

Mt. Dora North Low MOA, NM
Boundaries. Beginning at lat. 37°06'00"N., long. 103°42'54"W.; to lat. 37°05'00"N., long. 103°32'24"W.; to lat. 36°30'00"N., long. 103°01'00"W.; to lat. 36°30'00"N., long. 104°19'00"W.; to the point of beginning.
Altitudes. 1,500 feet AGL to but not including 11,000 feet MSL.
Times of use. 0830-2200, Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC
Using agency. U.S. Air Force, Commander, 27th Tactical Fighter Wing, Cannon AFB, NM
ADDED 3/3/94

Mt. Dora West High MOA, NM
Boundaries. Beginning at lat. 36°30'00"N., long. 104° 19'OO"W.; to lat. 36°30'00"N., long. 103°45'00"W.; to lat. 35°58'00"N., long. 103°45'00"W.; to lat.

35°47'00"N., long. 104°49'18"W.; to lat. 35°53'20"N., long. 104°55'30"W.; to the point of beginning.
Altitudes. 11,000 feet MSL to but not including FL 180.
Times of use. 0830-2200, Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC
Using agency. U.S. Air Force, Commander, 27th Tactical Fighter Wing, Cannon AFB, NM
ADDED 3/3/94

Mt. Dora West Low MOA, NM
Boundaries. Beginning at lat. 36°30'00"N., long. 104°19'00"W.; to lat. 36°30'00"N., long. 103°45'00"W.; to lat. 35°58'00"N., long. 103°45'00"W.; to lat. 35°47'00"N., long. 104°49'18"W.; to lat. 35°53'20"N., long. 104°55'30"W.; to the point of beginning.
Altitudes. 1,500 feet AGL to but not including 11,000 feet MSL.
Times of use. 0830–2200, Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC
Using agency. U.S. Air Force, Commander, 27th Tactical Fighter Wing, Cannon AFB, NM
ADDED 3/3/94

Muniz 1 MOA, PR
Boundaries. Beginning at lat. 18°04'53"N., long. 67°15'04"W.; to lat. 18°04'53"N., long. 66°47'59"W.; to lat. 17°53'08"N., long. 66°52'59"W.; thence west along the 3 NM territorial limit to the point of beginning.
Altitudes. 1,000 feet AGL to 8,000 feet MSL inclusive.
Times of use. Intermittent, 0700-1900 Monday-Saturday; contact nearest Flight Service Station.
Controlling agency. FAA, San Juan CERAP
Using agency. Puerto Rico Air National Guard, San Juan, PR

Muniz 2 MOA, PR
Boundaries. Beginning at lat. 17°53'08"N., long. 66°52'59"W.; to lat. 18°04'53"N., long. 66°47'59"W.; to lat. 17°55'33"N., long. 66°37'59"W.; thence west along the 3 NM territorial limit to the point of beginning.
Altitudes. 1,000 feet AGL to 8,000 feet MSL inclusive.
Times of use. Intermittent, 0700–1900 Monday-Saturday; contact nearest Flight Service Station.
Controlling agency. FAA, San Juan CERAP
Using agency. Puerto Rico Air National Guard, San Juan, PR

Naknek 1 MOA, AK
Boundaries. Beginning at lat. 60°29'57"N., long. 159°00'08"W.; to lat. 60°49'58"N., long. 156°00'08"W.; to lat. 60°52'58"N., long. 154°28'08"W.; to lat. 60°25'58"N., long. 154°13'08"W.; to lat. 59°29'57"N., long. 158°00'08"W.; to lat. 59°54'57"N., long. 159°00'08"W.; to the point of beginning. Naknek 1 MOA would be west of the King Salmon VORTAC 001°T (340°M) radial. Naknek 2 MOA would be east of the King Salmon VORTAC 001°T(340°M) radial. This radial will divide areas from approximately lat. 59°48'57"N., long. 156°45'08"W.; to lat. 60°45'57"N., long. 156°43'08"W.
Altitudes. 3,000 feet AGL to but not including FL 180.
Times of use. Intermittent, 0800-l 800 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Anchorage ARTCC
Using agency. USAF, 3 WG, Elmendorf AFB, AK.
ALTITUDES AND USING AGENCY CHANGED 3/30/95

Naknek 2 MOA, AK
Boundaries. Beginning at lat. 60°29'57"N., long. 159°00'08"W.; to lat. 60°49'58"N., long. 156°00'08"W.; to lat. 60°52'58"N., long. 154°28'08"W.; to lat. 60°25'58"N., long. 154°13'08"W.; to lat. 59°29'57"N., long. 158°00'O8"W.; to lat. 59°54'57"N., long. 159°00'08"W.; to the point of beginning. Naknek 1 MOA would be west of the King Salmon VORTAC 001°T (340°M) radial. Naknek 2 MOA would be east of the King Salmon VORTAC 001°T (340°M) radial. This radial will divide areas from approximately lat. 59°48'57"N., long. 156°45'08"W.; to lat. 60°45'57"N., long 156°43'08"W.
Altitudes. 3,000 feet AGL to but not including FL 180.
Times of use. Intermittent, 0800–1 800 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Anchorage ARTCC
Using agency. USAF, 3 WG, Elmendorf AFB, AK.
ALTITUDES AND USING AGENCY CHANGED 3/30/95

O'Neill MOA, NE
Boundaries. Beginning at lat. 42°21'56"N., long. 98°22'50"W.; to lat. 42°20'00"N., long. 97°46'01"W.; to lat. 41°53'00"N., long. 97°46'01"W.; to lat. 41°27'00"N., long. 98°24'01"W.; to lat. 41°26'00"N., long. 98°53'01"W.; to lat. 42°13'00"N., long. 98°53'01"W.; to lat. 42°15'05"N., long. 98°50'57"W.; thence via the 15 NM arc of ONL VORTAC to the point of beginning.
Altitudes. 500 feet AGL to but not including FL 180.
Times of use. By NOTAM (normally 1000–2200 Tuesday-Sunday).
Controlling agency. FAA, Minneapolis ARTCC
Using agency. Commander, 155th Tactical Reconnaissance Group, Air National Guard, Lincoln Municipal Airport, Lincoln, NE

Okanogan A MOA, WA
Boundaries. Beginning at lat. 49°00'00"N., long. 119°45'04"W.; to lat. 49°00'00"N., long. 119°20'04"W.; to lat. 49°00'00"N., long. 119°00'04"W.; to lat. 48°03'30"N., long. 119°00'04"W.; to lat. 48°05'00"N., long. 119°20'04"W.; to lat. 48°06'30"N., long. 119°45'04"W.; to lat. 48°08'29"N., long. 120°27'34"W.; to lat. 48°54'40"N., long. 120°03'04"W.; to lat. 48°54'40"N., long. 119°45'04"W.; to the point of beginning.
Altitudes. 9,000 feet MSL to but not including FL 180.
Times of use. Intermittent by NOTAM, contact nearest Flight Service Station.
Controlling agency. FAA, Seattle ARTCC
Using agency. U.S. Navy, Commanding Officer, NAS Whidbey Island, Oak Harbor, WA
USING AGENCY CHANGED 7/22/93

Okanogan B MOA, WA
Boundaries. Beginning at lat. 48°08'29"N., long. 120°27'34"W.; to lat. 48°54'40"N., long. 120°03'04"W.; to lat. 48°54'40"N., long. 119°45'04"W.; to lat. 48°06'30"N., long. 119°45'04"W.; to the point of beginning.
Altitudes. 300 feet AGL to but not including 9,000 feet MSL. Excluding that airspace 1,500 feet AGL and below within a 3-NM radius of the following airports: Twisp Municipal Airport, WA, and the Methow Valley State Airport, Winthrop, WA.
Times of use. Intermittent by NOTAM, contact nearest Flight Service Station.
Controlling agency. FAA, Seattle ARTCC
Using agency. U.S. Navy, Commanding Officer, NAS Whidbey Island, Oak Harbor, WA
ALTITUDES CHANGED 6/23/94

Okanogan C MOA, WA
Boundaries. Beginning at lat. 48°05'00"N., long. 119°20'04"W.; to lat. 49°00'00"N., long. 119°20'04"W.; to lat. 49°00'00"N., long. 119°00'04"W.; to lat. 48°03'30"N., long. 119°00'04"W.; to the point of beginning.
Altitudes. 300 feet AGL to but not including 9,000 feet MSL. Excluding that airspace 1,500 feet AGL and below within a 3-NM radius of the Hart Ranch Airport, Tonasket, WA.
Times of use. Intermittent by NOTAM, contact nearest Flight Service Station.
Controlling agency. FAA, Seattle ARTCC
Using agency. U.S. Navy, Commanding Officer, NAS Whidbey Island, Oak Harbor, WA
ALTITUDES CHANGED 6/23/94

Olympic A MOA, WA
Boundaries. Beginning at lat. 47°41'29"N., long. 124°33'05"W.; to lat. 47°41'29"N., long. 123°43'35"W.; to lat. 47°37'59"N., long. 123°40'05"W.; to lat. 47° 14'59"N., long. 123°40'05"W.; to lat. 47°05'59"N., long. 124° 14'53"W.; thence northbound, 3 miles parallel to the shoreline, to the point of beginning.
Altitudes. From 6,000 feet MSL to but not including FL 180, excluding that airspace below 1,200 feet AGL.
Times of use. By NOTAM.
Controlling agency. FAA, Seattle ARTCC.
Using agency. U.S. Navy, Commanding Officer, NAS Whidbey Island, Oak Harbor, WA
BOUNDARIES CHANGED 9/14/95

Olympic B MOA, WA
Boundaries. Beginning at lat. 48°08'59"N., long. 124°48'05"W.; to lat. 48°08'59"N., long. 124°30'35"W.; to lat. 47°59'59"N., long. 124°07'05"W.; to lat. 47°41'29"N., long. 123°43'35"W.; to lat. 47°41'29"N., long. 124°33'05"W.; thence northbound, 3 miles parallel to the shoreline, to the point of beginning.
Altitudes. From 6,000 feet MSL to but not including FL 180, excluding that airspace below 1,200 feet AGL.
Times of use. By NOTAM.
Controlling agency. FAA, Seattle ARTCC.
Using agency. U.S. Navy, Commanding Officer, NAS Whidbey Island, Oak Harbor, WA
USING AGENCY CHANGED 7/22/93

Ontonagon MOA, MI
Boundaries. Beginning at lat. 46°55'00"N., long. 90°00'01"W.; to lat. 46°55'00"N., long. 89°28'01"W.; to lat. 47°30'00"N., long. 89°28'00"W.; to lat. 46°56'30"N., long. 88°51'00"W.; to lat. 46°37'00"N., long. 89°40'01"W.; to the point of beginning, excluding the airspace at and below 1,500 feet AGL within a 3 NM radius of the Ontonagon County Airport, located at lat. 46°50'47"N., long. 89°21'30"W.
Altitudes. 500 feet AGL to but not including FL 180.
Times of use. 0800-1800 daily; other times by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC
Using agency. U.S. Air Force, Northeast Air Defense Sector/DOOS, Griffiss AFB, NY
BOUNDARIES, ALTITUDES, TIMES OF USE AND USING AGENCY CHANGED 11/14/91

Outlaw MOA, AZ
Boundaries. Beginning at lat. 33°07'00"N., long. 111°23'00"W.; to lat. 33°29'30"N., long. 111°23'00"W.; to lat. 33°45'00"N., long. 110°30'00"W.; to lat. 32°40'30"N., long. 1 10°30'00"W.; to lat. 32°42'00"N., long. 110°38'00"W.; to the point of beginning.

Altitudes. 8,000 feet MSL or 3,000 feet AGL whichever is higher to but not including FL 180; excluding Restricted Areas R–2310A, B and C when activated.
Times of use. 0700–1800 Monday-Friday; 1800–2200 Monday-Friday by NOTAM. Intermittent weekends by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC
Using agency. U.S. Air Force, Commander, 162nd Fighter Group, Air National Guard, Tucson, AZ
ADDED 9/16/93

Owens MOA, CA
Boundaries. Beginning at lat. 37° 12'00"N., long. 118°35'03"W.; to lat. 37°12'00"N., long. 118°26'03"W.; to lat. 37°02'00"N., long. 118°20'03"W.; to lat. 37°09'00"N., long. 118°00'03"W.; to lat. 36°46'00"N., long. 118°00'03"W.; to lat. 36°14'00"N., long. 117°36'03"W.; thence along the northern and western boundaries of R-2505 to lat. 36°08'00"N., long. 117°53'03"W.; to lat. 36°08'00"N., long. 118°35'03"W.; to the point of beginning.
Altitudes. 200 feet AGL to but not including FL 180. Except 3,000 feet AGL floor over Kings Canyon National Park, Sequoia National Park, and John Muir Wilderness Area. Except 1,500 feet AGL within a 3 NM radius of the following airports: Lone Pine and Independence.
Times of use. 0600–2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Hi-Desert TRACON, Edwards, CA.
Using agency. R-2508. Complex Control Board.
CONTROLLING AGENCY CHANGED 5/27/93

Owyhee MOA, ID
Boundaries. Beginning at lat. 42°00'00"N., long. 117°00'03"W.; to lat. 42°42'10"N., long. 117°00'03"W.; to lat. 42°47'30"N., long. 116°42'03"W.; to lat. 42°32'45"N., long. 116°28'48"W.; to lat. 42°23'30"N., long. 116°04'03"W.; to lat. 42°24'10"N., long. 115°50'19"W.; to lat. 42°00'00"N., long. 115°48'41"W.; to the point of beginning.
Altitudes. 100 feet AGL to but not including 14,500 feet MSL.
Times of use. 0600–0200 daily; other times by NOTAM.
Controlling agency. FAA, Salt Lake City ARTCC
Using agency. U.S. Air Force, 366 Tactical Fighter Wing/DOTU, Mountain Home AFB, ID

Palatka 1 MOA, FL
Boundaries. Beginning at lat. 29°23'01"N., long. 82°01'29"W.; to lat. 29°22'55"N., long. 81°39'04"W.; thence east along the north boundary of R-2907A to lat. 29°22'51"N., long. 81°31'19"W.; to lat. 29°12'31"N., long. 81°29'59"W.; to lat. 29°00'01"N., long. 81°29'59"W.; to lat. 29°00'01"N., long. 81°42'29"W.; to lat. 29°03'15"N., long. 81°46'50"W.; thence north along the west boundary of R-2910 to lat. 29°07'58"N., long. 81°48'29"W.; to lat. 29°22'01"N., long. 82°02'59"W.; to the point of beginning.
Altitudes. 3,000 feet AGL to but not including FL 180.
Times of use. Intermittent, 0500-0100 daily; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Jacksonville Naval Air Station, Jacksonville, FL
TIMES OF USE CHANGED 1 /11 /90

Palatka 2 MOA, FL
Boundaries. Beginning at lat. 29°36'21"N., long. 81°51'19"W.; to lat. 29°36'21"N., long. 81°32'19"W.; to lat. 29°29'31"N., long. 81°31'59"W.; to lat. 29°22'51"N., long. 81 °31'19"W.; thence west along the north boundary of R-2907A to lat. 29°22'55"N., long. 81°39'04"W.; to lat. 29°23'01"N., long. 82°01'29"W.; to the point of beginning.
Altitudes. 3,000 feet AGL to but not including FL 180.
Times of use. Intermittent, 0500-0100 daily; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Jacksonville Naval Air Station, Jacksonville, FL
TIMES OF USE CHANGED 1/11/90

Pamlico A MOA, NC
Boundaries. Beginning at lat. 35°48'15"N., long. 75°43'43"W.; to lat. 35°29'31"N., long. 75°25'00"W.; to lat. 35°27'01"N., long. 75°25'09"W.; to lat. 35°27'01"N., long. 75°48'19"W.; to lat. 35°34'41"N., long. 75°48'19"W.; to lat. 35°34'41"N., long. 75°46'49"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. Intermittent, sunrise-2300 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Washington ARTCC
Using agency. U. S. Navy, Fleet Area Control and Surveillance Facility, Virginia Beach Naval Air Station, Oceana, VA

Pamlico B MOA, NC
Boundaries. Beginning at lat. 35°36'46"N., long. 76°01'19"W.; to lat. 35°34'41"N., long. 75°48'19"W.; to lat. 35°27'01"N., long. 75°48'19"W.; to lat. 35°27'01"N., long. 75°25'09"W.; thence south and southwest 3 NM from and parallel to the shoreline to lat. 35'00'3 1 "N., long.

76°00'59"W.; to lat. 35°18'16"N., long. 76°16'39"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. Intermittent, 0700–2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Washington ARTCC
Using agency. U. S. Navy, Fleet Area Control and Surveillance Facility, Virginia Beach Naval Air Station, Oceana, VA

Panamint MOA, CA
Boundaries. Beginning at lat. 36°30'00"N., long. 117°48'03"W.; to lat. 36°30'00"N., long. 116°55'03"W.; to lat. 35°34'30"N., long. 116°23'33"W.; thence along the northern boundary of R–2502N, the eastern, northern, and western boundaries of R-2524, and the northwestern boundary of R-2515 to lat. 35°19'20"N., long. 117°38'33"W.; to lat. 35°21'00"N., long. 117°38'33"W.; to lat. 35°39'15"N., long. 117°29'26"W.; thence along the eastern and northern boundaries of R-2505 to lat. 36°14'00"N., long. 117°36'03"W.; to the point of beginning.
Altitudes. 200 feet AGL to but not including FL 180. Except 3,000 feet AGL floor over Death Valley National Monument. Except 1,500 feet AGL within a 3 NM radius of the following airport: Trona,
Times of use. 0600-2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Hi-Desert TRACON, Edwards, CA
Using agency. R-2508 Complex Control Board.
CONTROLLING AGENCY CHANGED 5/27/93

Paradise MOA, ID
Boundaries. Beginning at lat. 42°47'30"N., long. 116°42'03"W.; to lat. 42°32'45"N., long. 116°28'48"W.; to lat. 42°23'30"N., long. 116°04'03"W.; to lat. 42°24'10"N., long. 115°50'19"W.; to lat. 41°49'00"N., long. 115°48'03"W.; to lat. 41 ° 19'00"N., long. 116°47'03"W.; to lat. 41°31'00"N., long. 117" 18'03"W.; to lat. 41°52'00"N., long. 117°49'04"W.; to lat. 42°34'00"N., long. 117°27'04"W.; to the point of beginning.
Altitudes. 14,500 feet MSL to but not including FL 180.
Tinies of use. 0500–2100 daily; other times by NOTAM.
Controlling agency. FAA, Salt Lake City ARTCC
Using agency. 366 Tactical Fighter Wing/DOTU, Mountain Home AFB, ID

Pecos East High MOA, NM
Boundaries. Beginning at lat. 34°37'00"N., long. 104°30'02"W.; to lat. 34°34'36"N., long. 104°07'00"W.; to lat. 34°13'00"N., long. 104°07'00"W.; to lat. 34°13'00"N., long. 104°30'02"W.; to the point of beginning.
Altitudes. 11,000 feet MSL to but not including FL, 180.
Times of use. Sunrise-sunset, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC
Using agency. U.S. Air Force, Commander, 27th Fighter Wing, Cannon AFB, NM
REVISED 7/22/93

Pecos East Low MOA, NM
Boundaries. Beginning at lat. 34°37'00"N., long. 104°30'02"W.; to lat. 34°34'36"N., long. 104°07'00"W.; to lat. 34°13'00"N., long. 104°07'00"W.; to lat. 34°13'00"N., long. 104°30'02"W.; to the point of beginning.
Altitudes. 500 feet AGL to but not including 11,000 feet MSL. Excluding that airspace 1,500 feet AGL and below, within a 3 NM radius of the Fort Sumner Airport (lat. 34°29'00"N., long. 104°13'00"W.) and within 3 NM each side of a 360° bearing from the airport to the northern boundary of the MOA.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC
Using agency. U.S. Air Force, Commander, 27th Fighter Wing, Cannon AFB, NM
REVISED 7/22/93

Pecos South High MOA, NM
Boundaries. Beginning at lat. 34" 13'00"N., long. 105°05'02"W.; to lat. 34°13'00"N., long. 104°07'00"W.; to lat. 34°10'00"N., long. 104°07'00"W.; to lat. 34° 10'00"N., long. 103°55'02"W.; to lat. 34°05'00"N., long. 103°55'02"W.; to lat. 33°45'53"N., long. 104°08'42"W.; to lat. 33°37'58"N., long. 104°21'36"W.; thence counterclockwise along the 22 NM DME arc of the Chisum VORTAC to lat. 33°41'55"N., long. 104°41'59"W.; to lat. 34°01'00"N., long. 104°53'00"W.; to the point of beginning.
Altitudes. 11,000 feet MSL to but not including FL 180.
Times of use. Sunrise-sunset, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC
Using agency. U.S. Air Force, Commander, 27th Fighter Wing, Cannon AFB, NM
BOUNDARIES CHANGED 8/18/94

Pecos South Low MOA, NM
Boundaries. Beginning at lat. 34°13'00"N., long. 105°05'02"W.; to lat. 34°13'00"N., long. 104°07'00"W.; to lat. 34°10'00"N., long. 104°07'00"W.; to lat.

34°10'00"N., long. 103°55'02"W.; to lat. 34°05'00"N., long. 103°55'02"W.; to lat. 33°45'53"N., long. 104°08'42"W.; thence counterclockwise along the 35 NM DME arc of the Chisum VORTAC to lat. 33°53'56"N., long. 104°48'55"W.; to lat. 34°01'00"N., long. 104°53'00"W.; to the point of beginning.

Altitudes. 500 feet AGL to but not including 11,000 feet MSL.

Times of use. Intermittent by NOTAM.

Controlling agency. FAA, Albuquerque ARTCC

Using agency. U.S. Air Force, Commander, 27th Fighter Wing, Cannon AFB, NM

BOUNDARIES CHANGED 8/18/94

Pecos West High MOA, NM

Boundaries. Beginning at lat. 34°31'00"N., long. 105°05'02"W.; to lat. 34°37'00"N., long. 104°30'02"W.; to lat. 34°13'00"N., long. 104°30'02"W.; to lat. 34°13'00"N., long. 105°05'02"W.; to the point of beginning.

Altitudes. 11,000 feet MSL to but not including 18,000 feet MSL.

Times of use. Sunrise-sunset, Monday-Friday; other times by NOTAM.

Controlling agency. FAA, Albuquerque ARTCC

Using agency. 27th Tactical Fighter Wing, Cannon AFB, NM

Pecos West Low MOA, NM

Boundaries. Beginning at lat. 34°31'00"N., long. 105°05'02"W.; to lat. 34°37'00"N., long. 104°30'02"W.; to lat. 34°13'00"N., long. 104°30'02"W.; to lat. 34°13'00"N., long. 105°05'02"W.; to the point of beginning.

Altitudes. 500 feet AGL to but not including 11,000 feet MSL.

Times of use. Intermittent by NOTAM.

Controlling agency. FAA, Albuquerque ARTCC

Using agency. 27th Tactical Fighter Wing, Cannon AFB, NM

Pensacola North MOA, FL

Boundaries. Beginning at lat. 31°25'01"N., long. 87°18'00"W.; to lat. 31°32'01"N., long. 86°45'00"W.; to lat. 31°14'31"N., long. 86°45'00"W.; to lat. 30°53'31"N., long. 87°01'30"W.; to lat. 30°50'46"N., long. 87°41'00"W.; to lat. 30°57'31"N., long. 87°39'30"W.; to the point of beginning.

Altitudes. 10,000 feet MSL to but not including FL 180.

Times of use. Normally sunrise-sunset Monday-Saturday; occasionally nighttime operations until midnight.

Controlling agency. FAA, Jacksonville ARTCC

Using agency. Commander, Training Air Wing Five, Pensacola, FL

Pensacola South MOA, FL

Boundaries. Beginning at lat. 30'41'01 "N., long. 87°48'30"W.; to lat. 30°41'31"N., long. 87°43'00"W.; to lat. 30'44'01 "N., long. 86°55'00"W.; to lat. 30°38'46"N., long. 86°55'00"W.; to lat. 30°33'41"N., long. 86°55'00"W.; thence along the Navarre-Milton Highway to lat. 30°26'31"N., long. 86°52'20"W.; to lat. 30°26'31"N., long. 86°51'30"W.; to lat. 30°23'01"N., long. 86°51'30"W.; to lat. 30°19'31"N., long. 86°51'30"W.; to lat. 30°18'21"N., long. 87°00'00"W.; to lat. 30°15'01"N., long. 87°12'05"W.; to lat. 30°19'01"N., long. 87°13'25"W.; thence west along the shoreline to lat. 30°13'16"N., long. 88°01'30"W.; to lat. 30°31'01"N., long. 87°55'00"W.; to lat. 30°38'01"N., long. 87°55'00"W.; to the point of beginning.

Altitudes. 10,000 feet MSL to but not including FL 180.

Times of use. Intermittent, sunrise-2400 Monday-Saturday. Contact nearest Flight Service Station.

Controlling agency. FAA, Pensacola ATC Tower

Using agency. Commander, Training Air Wing Six, Pensacola, FL

Pickett 1 MOA, VA

Boundaries. Beginning at lat. 37°05'38"N., long. 77°54'41"W.; to lat. 37°05'38"N., long. 77°51'53"W.; to lat. 37°04'26"N., long. 77°51'44"W.; along State Highway 40 to lat. 37°03'56"N., long. 77°51'04"W.; to lat. 37°02'44"N., long. 77°50'37"W.; to lat. 37°01'06"N., long. 77°50'42"W.; to lat. 37°10'01"N., long. 77°42'59"W.; to lat. 37°12'01"N., long. 77°45'59"W.; to lat. 37°07'51"N., long. 77°54'41"W.; to the point of beginning.

Altitudes. 500 feet AGL up to and including 6,000 feet MSL.

Times of use. Sunrise to sunset on an intermittent basis.

Controlling agency. FAA, Washington ARTCC

Using agency. 192 Tactical Fighter Group, Byrd International Airport, Sandston, VA

Pickett 2 MOA, VA

Boundaries. Beginning at lat. 36°57'55"N., long. 77°53'18"W.; to lat. 36°54'01"N., long. 77°55'59"W.; to lat. 36°52'01"N., long. 78°12'59"W.; to lat. 37°03'01"N., long. 78°04'59"W.; to lat. 37°01'51"N., long. 77°58'39"W.; to lat. 36°58'13"N., long. 77°57'41"W.; to the point of beginning.

Altitudes. 500 feet AGL up to and including 10,000 feet MSL.

Times of use. Sunrise to sunset on an intermittent basis.

Controlling agency. FAA, Washington ARTCC
Using agency. 192 Tactical Fighter Group, Byrd International Airport, Sandston, VA

Pickett 3 MOA, VA
Boundaries. Beginning at lat. 37°01'51"N., long. 77°58'39"W.; to lat. 37°03'01"N., long. 78°04'59"W.; to lat. 37°07'51"N., long. 77'54'41 "W.; to lat. 37°05'38"N., long. 77°54'41"W.; to lat. 37°04'22"N., long. 77°55'57"W.; to lat. 37°01'51"N., long. 77°55'57"W.; to the point of beginning.
Altitudes. 4,000 feet MSL up to and including 10,000 feet MSL.
Times of use. Sunrise to sunset on an intermittent basis.
Controlling agency. FAA, Washington ARTCC
Using agency. 192 Tactical Fighter Group, Byrd International Airport, Sandston, VA

Pike East MOA, MI
Boundaries. Beginning at lat. 44° 13' 19"N., long. 83°15'00"W.; to lat. 44°42'00"N., long. 83°09'00"W.; to lat. 44°59'15"N., long. 83°15'00"W.; to lat. 45°16'00"N., long. 83°23'00"W.; to lat. 45°22'00"N., long. 83°29'00"W.; to lat. 45°22'00"N., long. 83°35'00"W.; to lat. 45°45'00"N., long. 83°48'30"W.; to lat. 45°45'00"N., long. 83°26'07"W.; to lat. 45°20'19"N., long. 82°31'07"W.; to lat. 43°53'15"N., long. 82°11'18"W.; to the point of beginning.
Altitudes. 300 feet AGL to but not including FL 180, excluding that airspace within R4207 when activated.
Times of use. 0700 to 1800, Monday through Saturday, other times by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC
Using agency. U. S. Air Force, Alpena Combat Readiness Training Center (CRTC), Alpena, MI.
ADDED 1/4/96

Pike West MOA, MI
Boundaries. Beginning at lat. 44°17'20"N., long. 83°43'00"W.; to lat. 44°41'00"N., long. 84°10'00"W.; to lat. 45°45'00"N., long. 84°10'00"W.; to lat. 45°45'00"N., long. 83°48'30"W.; to lat. 45°22'00"N., long. 83°35'00"W.; to lat. 45°22'00"N., long. 83°29'00"W.; to lat. 45°16'00"N., long. 83°23'00"W.; to lat. 44°59'15"N., long. 83°15'00"W.; to lat. 44°42'00"N., long. 83°09'00"W.; to lat. 44°13'19"N., long. 83°15'00"W.; to lat. 44°17'00"N., long. 83°27'00"W.; to the point of beginning.
Altitudes. 6,000 MSL to but not including FL 180.
Times of use. 0700 to 1800, Monday through Saturday, other times by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC
Using agency. U. S. Air Force, Alpena Combat Readiness Training Center (CRTC), Alpena, MI.
ADDED 1/4/96

Pine Hill East MOA, MS
Boundaries. Beginning at lat. 32° 16'16"N., long. 88°19'30"W.; to lat. 32°11'16"N., long. 87°02'45"W.; to lat. 31°55'16"N., long. 87°03'15"W.; to lat. 31°40'01"N., long. 87°30'45"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. 0700-2300 Monday-Friday; 0800–1500 Saturday; other times by NOTAM.
Controlling agency. FAA, Atlanta ARTCC
Using agency. Commander, Training Air Wing One, Meridian Naval Air Station, MS

Pine Hill West MOA, MS
Boundaries. Beginning at lat. 32° 16'21 "N,, long. 88°20'40"W.; to lat. 32°16'16"N., long. 88°19'30"W.; to lat. 31°40'01"N., long. 87°30'45"W.; to lat. 31°32'21"N., long. 87°44'30"W.; to lat. 31°31'31"N., long. 88°19'30"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. 0700–2300 Monday-Friday; 0800–1500 Saturday; other times by NOTAM.
Controlling agency. FAA, Atlanta ARTCC
Using agency. Commander, Training Air Wing One, Meridian Naval Air Station, MS

Pinon Canyon MOA, CO
Boundaries. Beginning at lat. 37°38'25"N., long. 104°11'12"W.; to lat. 37°01'48"N., long. 104°07'44"W.; to lat. 37°16'03"N., long. 103°42'32"W.; to lat. 37°27'18"N., long. 103°31'02"W.; to lat. 37°30'12"N., long. 103°28'02"W.; to lat. 37°35'30"N., long. 103°31'32"W.; to lat. 37°40'00"N., long. 103°31'32"W.; to lat. 37°53'30"N., long. 103°29'20"W.; to lat. 37°45'24"N., long. 103°53'32"W.; to lat. 37°41'42"N., long, 104°02'32"W.; thence to the point of beginning.
Altitudes. 100 feet AGL to and including 10,000 feet MSL.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Denver ARTCC.
Using agency. Headquarters, Fort Carson, Colorado, U.S. Army.

Porterville MOA, CA
Boundaries. Beginning at lat. 36°08'00"N., long. 119°00'03"W.; to lat. 36°08'00"N., long. 118°35'03"W.; to lat. 35°40'00"N., long. 118°35'03"W.; to lat. 35°40'00"N., long. 118°51'03"W.; to the point of beginning.
Altitudes. 2,000 feet AGL to but not including FL 180.

Times of use. 0600–2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC
Using agency. R-2508 Complex Control Board.

Powder River A MOA, MT
Boundaries. Beginning at lat. 46°05'00"N., long. 105" 12'02"W.; to lat. 45°25'00"N., long. 103°36'02"W.; to lat. 45°04'00"N., long. 103°51'02"W.; to lat. 45°07'00"N., long. 104°07'02"W.; to lat. 45°12'00"N., long. 105°21'02"W.; to lat. 45°48'00"N., long. 105 ° 40'02"W.; to the point of beginning.
Altitudes. Surface to but not including FL 180. Except 1,500 feet AGL within a 3 NM radius of the following airports: Camp Crook Airport, SD; Sky Ranch Airport, SD; Broadus Airport, MT; Laird Ranch Airport, MT; Klapmeier Airport, MT; and Gardner Airport, MT.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Salt Lake City ARTCC
Using agency. U.S. Air Force, Headquarters SAC/DOTOS, Offutt AFB, NE
ALTITUDES CHANGED 5/27/93

Powder River B MOA, WY
Boundaries. Beginning at lat. 45°04'00"N., long. 103°51'02"W.; to lat. 44°52'00"N., long. 104°01'02"W.; to lat. 44°35'00"N., long. 105°03'02"W.; to lat. 45°12'00"N., long. 105°21'02"W.; to lat. 45°07'00"N., long. 104°07'02"W.; to the point of beginning.
Altitudes. 1,000 feet AGL to but not including FL 180. Except 1,500 feet AGL within a 3 NM radius of the following airports: Belle Creek Airport, MT; Morris Ranch Airport, MT; Lanning Ranch Airport, MT: and Morgan Ranche Airport, MT.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Denver ARTCC
Using agency. U.S. Air Force, Headquarters SAC/DOTOS, Offutt AFB, NE
ALTITUDES CHANGED 5/27/93

Powers MOA, ND
Boundaries. Beginning at lat. 48°54'00"N., long. 102°51'02"W.; to lat. 48°54'00"N., long. 102" 14'02"W.; to lat. 48°30'00"N., long. 102°14'02"W.; to lat. 48°30'00"N., long. 102°51'02"W.; to the point of beginning.
Altitudes. 12,000 feet MSL to but not including FL 180.
Times of use. 0600-1800 daily; other times by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC
Using agency. Commanding Officer, 64th Flying Training Wing, Minot AFB Det., Reese AFB, TX

Pruitt A MOA, IL
Boundaries. Beginning at lat. 40°17'00"N., long. 90°29'00"W.; to lat. 40°06'00"N., long. 90°12'00"W.; to lat. 39°57'00"N., long. 90°27'00"W.; to lat. 39°45'05"N., long. 90°27'05"W.; to lat. 39°34'00"N., long. 90°07'00"W.; to lat. 39°35'00"N., long. 90°54'00"W.; to lat. 39°49'00"N., long. 91°05'06"W.; to lat. 39°54'00"N., long. 90°59'00"W.; to point of beginning.
Altitudes. 500 feet AGL to 6,000 feet MSL. The airspace 1,500 feet AGL and below within a 3 NM radius of the following airports is excluded from the MOA: Greater Beardstown Airport, IL; Pittsfield Penstone Airport, IL; and Schoy-Rush Airport, IL.
Times of use. 0900 to 1200 local and 1300 to 1600 local, Tuesday through Saturday. Other times by NOTAM.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. Air National Guard, 183 TFG, Springfield, IL
ADDED 9/1 9/91

Pruitt B MOA, IL
Boundaries. Beginning at lat. 39°34'00"N., long. 90°07'00"W.; to lat. 39°18'00"N., long. 90° 18'OO"W.; to lat. 39°20'00"N., long. 90°42'00"W.; to lat. 39°35'00"N., long. 90°54'00"W.; to point of beginning.
Altitudes. 500 feet AGL to 3,000 feet MSL.
Times of use. 0900 to 1200 local and 1300 to 1600 local, Tuesday through Saturday. Other times by NOTAM.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. Air National Guard, 183 TFG, Springfield, IL
ADDED 9/1 9/91

Quail MOA, AZ
Boundaries. Beginning at lat. 33°55'00"N., long. 115°00'03"W.; to lat. 34°12'00"N., long. 114°00'03"W.; to lat. 33°38'00"N., long. 114°00'03"W.; to lat. 33°44'00"N., long. 114°30'03"W.; to lat. 33°44'00"N., long. 115 °00'03"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. 0700-1700 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC
Using agency. Marine Corps Air Station, Yuma, AZ
TIMES OF USE CHANGED 1/9/92

Quick Thrust E MOA, GA
Boundaries. Beginning at lat. 3 1°5l'01 "N., long. 81°59'59"W.; to lat. 32°05'01"N., long. 81°56'59"W.; to lat. 32°11'01"N., long. 81°45'59"W.; to lat. 32°10'01"N., long. 81°38'59"W.; to lat. 32°06'31"N., long. 81°38'59"W.; thence counterclockwise along the north and west boundaries of R-3005A and the south boundary of

R–3005E to lat. 31°51'46"N., long. 81°38'07"W.; to lat. 31°51'01"N., long. 81°39'59"W.; to lat. 31°51'01"N., long. 81°41'44"W.; to the point of beginning.
Altitudes. 100 feet AGL to but not including 500 feet AGL.
Times of use. Intermittent, sunrise-sunset; up to 14 days, twice annually by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Ninth Air Force Directorate of Tactical Operations, Shaw AFB, SC

Quick Thrust F MOA, GA
Boundaries. Beginning at lat. 31°51'01"N., long. 81°39'59"W.; to lat. 31°51'46"N., long. 81°38'07"W.; to lat. 31°52'21"N., long. 81°38'09"W.; to lat. 31°53'12"N., long. 81°37'50"W.; thence northeast along Georgia Highway 144 to lat. 31°56'25"N., long. 81°30'06"W.; thence along an arc of a 5 SM radius circle centered at lat. 31°53'21"N., long. 81°33'44"W.; to lat. 31°54'04"N., long. 81°28'42"W.; thence counterclockwise along the southeast boundary of R-3005D to lat. 31°58'46"N., long. 81°19'44"W.; to lat. 31°51'01"N., long. 81°20'59"W.; to the point of beginning.
Altitudes. 100 feet AGL to but not including 3,000 feet MSL.
Times of use. Intermittent, sunrise-sunset; up to 14 days, twice annually by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Ninth Air Force Directorate of Tactical Operations, Shaw AFB, SC

Quick Thrust G MOA, GA
Boundaries. Beginning at lat. 31°51'01"N., long. 81°59'59"W.; to lat. 32°05'01"N., long. 81°56'59"W.; to lat. 32°11'01"N., long. 81°45'59"W.; to lat. 32°10'01"N., long. 81°38'59"W.; to lat. 32°06'31"N., long. 81°38'59"W.; thence counterclockwise along the north and west boundaries of R-3005A and the south boundary of R–3005E to lat. 31°51'46"N., long. 81°38'07"W.; to lat. 31°51'01"N., long. 81°39'59"W.; to lat. 31°51'01"N., long. 81°41'44"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to 14,000 feet MSL, inclusive.
Times of use. Intermittent, sunrise-sunset; up to 14 days, twice annually by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Ninth Air Force Directorate of Tactical Operations, Shaw AFB, SC

Quick Thrust H MOA, GA
Boundaries. Beginning at lat. 31°51'01"N., long. 81°39'59"W.; to lat. 31°51'46"N., long. 81°38'07"W.; to lat. 31°52'21"N., long. 81°38'09"W.; to lat. 31°53'12"N., long. 81°37'50"W.; thence northeast along Georgia Highway 144 to lat. 31°56'25"N., long. 81°30'06"W.; thence along an arc of a 5 SM radius circle centered at lat. 31°53'21"N., long. 81°33'44"W.; to lat. 31°54'04"N., long. 81°28'42" W.; thence counterclockwise along the southeast boundary of R-3005D to lat. 31°58'46"N., long. 81°19'44"W.; to lat. 31°51'01"N., long. 81°20'59"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to 14,000 feet MSL, inclusive.
Times of use. Intermittent, sunrise-sunset; up to 14 days, twice annually by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Ninth Air Force Directorate of Tactical Operations, Shaw AFB, SC

Quick Thrust I MOA, GA
Boundaries. Beginning at lat. 31°51'01"N., long. 81°17'14"W.; to lat. 31°23'46"N., long. 81°25'26"W.; to an 8-nautical-mile arc from Glynco Jetport to lat. 31°18'48"N., long. 81°35'49"W.; to lat. 31°15'01"N., long. 81°54'59"W.; to lat. 31°45'01"N., long. 82°12'59"W.; to lat. 32°05'01"N., long. 81°56'59"W.; thence along the west and south boundaries of the Fort Stewart B and C MOA's to lat. 31°51'01 "N., long. 81°20'59"W.; to the point of beginning.
Altitudes. 100 feet AGL to 14,000 feet MSL, inclusive.
Times of use. Intermittent, sunrise-sunset; up to 14 days, twice annually by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Ninth Air Force Directorate of Tactical Operations, Shaw AFB, SC

Quick Thrust J MOA, GA
Boundaries. Beginning at lat. 31°23'46"N., long. 81°25'26"W.; to lat. 31°03'01"N., long. 81°30'59"W.; to lat. 31°03'01"N., long. 81°48'59"W.; to lat. 31°15'01"N., long 81°54'59"W.; to lat. 31°18'48"N., long. 81°35'49" W.; to an 8-nautical-mile arc of Glynco Jetport; to the point of beginning.
Altitudes. 8,000 feet MSL to 14,000 feet MSL, inclusive.
Times of use. Intermittent, sunrise-sunset; up to 14 days, twice annually by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Ninth Air Force Directorate of Tactical Operations, Shaw AFB, SC

Quick Thrust L MOA, GA
Boundaries. Beginning at lat. 32°05'01"N., long. 81°56'59"W.; to lat. 31°45'01"N., long. 82°12'59"W.; to lat. 32°04'01"N., long. 82°24'19"W.; to lat. 32°13'01"N., long. 82°16'29"W.; to lat. 32°11'01"N., long. 81°45'59"W.; to the point of beginning.
Altitudes. 12,000 feet MSL to 14,000 feet MSL, inclusive.

Times of use. Intermittent, sunrise-sunset; up to 14 days, twice annually by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Ninth Air Force Directorate of Tactical Operations, Shaw AFB, SC

Quick Thrust M MOA, GA
Boundaries. Beginning at lat. 31°41'01"N., long. 81°20'15"W.; to lat. 31°41'01"N., long. 80°38'59"W.; thence along the western boundary of W-157A to lat. 31°23'31"N., long. 80°50'59"W.; to lat. 31°23'46"N., long. 81°25'26"W.; to the point of beginning.
Altitudes. 11,000 feet MSL to 12,000 feet MSL, inclusive.
Times of use. Intermittent, sunrise-sunset; up to 14 days, twice annually by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Ninth Air Force Directorate of Tactical Operations, Shaw AFB, SC

Quick Thrust N MOA, GA
Boundaries. Beginning at lat. 31°41'01"N., long. 81°20'15"W.; to lat. 31°41'01"N., long. 80°38'59"W.; thence along the western boundary of W-157A to lat. 31°23'31"N., long. 80°50'59"W.; to lat. 31°23'46"N., long. 81°25'26"W.; to the point of beginning.
Altitudes. 500 feet AGL to 3,000 feet MSL, inclusive.
Times of use. Intermittent, sunrise-sunset; up to 14 days, twice annually by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Ninth Air Force Directorate of Tactical Operations, Shaw AFB, SC

Rainier 1 MOA, WA
Boundaries. Beginning at lat. 47°04'34"N., long. 122°41'09"W.; to lat. 47°03'07"N., long. 122°41'09"W.; to lat. 46°52'49"N., long. 122°44'11"W.; to lat. 46°54'22"N., long. 122°47'11"W.; to lat. 46°59'46"N., long. 122°47'04"W.; to lat. 47°04'20"N., long. 122°42'19"W.; to the point of beginning.
Altitudes. 2,000 feet MSL to 9,000 feet MSL excluding the airspace of R–6703A, B, C and D.
Times of use. Intermittent by NOTAM; contact nearest Flight Service Station.
Controlling agency. FAA, Seattle-Tacoma Approach Control
Using agency. Department of the Army, Commanding General, Fort Lewis, WA
CONTROLLING AGENCY CHANGED 6/30/88

Rainier 2 MOA, WA
Boundaries. Beginning at lat. 47°03'37"N., long. 122°35'40"W.; to lat. 46°54'49"N., long. 122°35'30"W.; to lat. 46°54'10"N., long. 122°39'16"W.; to lat. 46°52'49"N., long. 122°42'09"W.; to lat. 46°52'49"N., long. 122°44'11"W.; to lat. 47°03'07"N., long. 122°41'09"W.; to lat. 47°04'34"N., long. 122°41'09"W.; to lat. 47°04'41"N., long. 122°38'19"W.; to the point of beginning.
Altitudes. 2,000 feet MSL to 9,000 feet MSL excluding the airspace of R–6703A, B, C and D.
Times of use. Intermittent by NOTAM, contact nearest Flight Service Station.
Controlling agency. FAA, Seattle-Tacoma Approach Control
Using agency. Department of the Army, Commanding General, Fort Lewis, WA
CONTROLLING AGENCY CHANGED 6/30/88

Rainier 3 MOA, WA
Boundaries. Beginning at lat. 47°01'47"N., long. 122°31'42"W.; to lat. 47°00'59"N., long. 122°31'41"W.; to lat. 46°59'42"N., long. 122°32'36"W.; to lat. 46°56'32"N., long. 122°33'13"W.; to lat. 46°56'06"N., long. 122°34'15"W.; to lat. 46°54'49"N., long. 122°35'30"W.; to lat. 47°03'37"N., long. 122°35'40"W.; to the point of beginning.
Altitudes. 2,000 feet MSL to 9,000 feet MSL excluding the airspace of R–6703A, B, C and D.
Times of use. Intermittent by NOTAM, contact nearest Flight Service Station.
Controlling agency. FAA, Seattle-Tacoma Approach Control
Using agency. Department of the Army, Commanding General, Fort Lewis, WA
CONTROLLING AGENCY CHANGED 6/30/88

Ranch MOA, NV
Boundaries. Beginning at lat. 38°58'00"N., long. 118°42'54"W; to lat. 39°17'00"N., long. 118°21'03"W; to lat. 39°12'10"N., long. 119°11'04"W; to lat. 39°04'00"N., long. 119°11'04"W; to the point of beginning.
Altitudes. 500 feet AGL to 9,000 feet MSL.
Times of use. 0715–2330 daily; other times by NOTAM.
Controlling agency. FAA, Okland ARTCC
Using agency. Naval Air Station, Fallon, NV
TIMES OF USE CHANGED 1/14/88

Randolph 1A MOA, TX
Boundaries. Beginning at lat. 29°09'42"N., long. 97°38'11"W.; arc counterclockwise on the 40 NM arc (Randolph TACAN) to lat. 29°20'08"N., long. 97°32'23"W.; to lat. 29°23'20"N., long. 97°43'14"W.; arc counterclockwise on the 30 NM arc (Randolph TACAN) to lat. 29°32'01"N., long. 97°41'41"W.; to lat. 29°32'02"N.,

long. 96°40'55"W.; arc clockwise on the 83 NM arc (Randolph TACAN) to lat. 29°07'30"N., long. 96°45'24"W.; to lat. 29°11'00"N., long. 96°59'42"W.; arc clockwise on the 70 NM arc (Randolph TACAN) to lat. 28°52'56"N., long. 97°09'47"W.; to the point of beginning.
Altitudes. 9,000 feet MSL to but not including FL 180.
Times of use. Sunrise-sunset Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC
Using agency. 12th Flying Training Wing, Randolph AFB, TX

Randolph 1B MOA, TX
Boundaries. Beginning. at lat. 29°18'36"N., long. 97°53'24"W.; to lat. 29°05'14"N., long. 97°30'36"W.; arc clockwise on 48 DME arc (Randolph TACAN) to lat. 28°44'33"N., long. 98°08'31"W.; to lat. 29°08'09"N., long. 98°15'46"W.; arc counterclockwise on 24 DME arc (Randolph TACAN) to point of beginning.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. Sunrise-sunset Monday-Friday; other times by NOTAM.
Controlling agency. San Antonio Terminal Radar Approach Control.
Using agency. Commander, 12 Flying Training Wing, Randolph AFB, TX,
REVISED 5/25/95

Randolph 2A MOA, TX
Boundaries. Beginning at lat. 29°50'58"N., long. 99°35'09"W.; to lat. 29°44'47"N., long. 99°01'24"W.; arc counterclockwise on the 30 NM arc (San Antonio VORTAC) to lat. 29°15'36"N., long. 98°49'45"W.; to lat. 28°52'43"N., long. 99°11'58"W.; arc clockwise on the 60 NM arc (San Antonio VORTAC) to the point of beginning.
Altitudes. 9,000 feet MSL to but not including FL 180.
Times of use. Sunrise-sunset Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC
Using agency. 12th Flying Training Wing, Randolph AFB, TX
ALTITUDES CHANGED 4/28/94

Randolph 2B MOA, TX
Boundaries. Beginning at lat. 29°40'46"N., long. 99°02'02"W.; to lat. 29°39'46"N., long. 98°44'51"W.; arc counterclockwise on the 15 NM arc (San Antonio VORTAC) to lat. 29°27'10"N., long. 98°38'47"W.; to lat. 29°15'36"N., long. 98°49'45"W.; arc clockwise on the 30 NM arc (San Antonio VORTAC) to the point of beginning.
Altitudes. 14,000 feet MSL to but not including FL 180.
Times of use. Sunrise-sunset Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC
Using agency. 12th Flying Training Wing, Randolph AFB, TX
ALTITUDES CHANGED 4/28/94

Red Hills MOA, IN
Boundaries. Beginning at lat. 38°50'00"N., long. 88°25'00"W.; to lat. 38°58'00"N., long. 87°24'30"W.; to lat. 38°55'00"N., long. 87°19'00"W.; to lat. 38°46'00"N., long. 87°17'00"W.; to lat. 38°26'00"N., long. 87°30'00"W.; to lat. 38°27'00"N., long. 88°25'00"W.; to the point of beginning.
Altitudes. 6,000 feet MSL to but not including FL 180.
Times of use. Intermittent. 0830–1630, Tuesday, Wednesday, Saturday, and Sunday; 0830–2100, Thursday and Friday.
Controlling agency. FAA, Indianapolis ARTCC.
Using agency. U.S. Air Force, 18 1 st Tactical Fighter Group, Hulman Field, Terre Haute, IN.
CONTROLLING AGENCY CHANGED I /6/94

Reese 1 MOA, TX
Boundaries. Beginning at lat. 34'04'41 "N., long. 102°27'12"W.; to lat. 34°19'00"N., long. 102°48'02"W.; to lat. 33°46'30"N., long. 103°22'02"W.; to lat. 33°38'15"N., long. 103°29'17"W.; to lat. 33°40'45"N., long. 102°36'46"W.; thence clockwise along the 35 NM arc from the Lubbock VORTAC to the point of beginning.
Altitudes. 12,000 feet MSL to but not including FL 180.
Times of use. Normally, sunrise-sunset Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC
Using agency. 64th Flying Training Wing, Reese AFB, TX

Reese 2 MOA, TX
Boundaries. Beginning at lat. 33°34'00"N., long. 102° 12'02"W.; to lat. 33°25'39"N., long. 102°55'05"W.; thence counterclockwise along a 45 NM arc from the Reese VORTAC to lat. 32°51'13"N., long. 102°10'37"W.; to lat. 33°26'00"N., long. 102°05'02"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. Normally, sunrise-sunset Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Lubbock TRACON
Using agency. 64th Flying Training Wing, Reese AFB, TX

Reese 3 MOA, TX
Boundaries. Beginning at lat. 32°52'00"N., long. 102°29'02"W.; to lat. 33°26'00"N., long. 103" 14'02"W.; to lat. 33°21'00"N., long. 103°48'02"W.; to lat.

33°00'00"N., long. 103°48'02"W.; to lat. 32°23'15"N., long. 102°36'02"W.; to lat. 32°20'25"N., long. 102°13'32"W.; to lat. 32°47'00"N., long. 102°09'02"W.; to the point of beginning.
Altitudes. 12,000 feet to but not including FL 180.
Times of use. Normally, sunrise-sunset Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC
Using agency. 64th Plying Training Wing, Reese AFB, TX

Reese 4 MOA, TX
Boundaries. Beginning at lat. 33°22'34"N., long. 101°51'51"W.; to lat. 32°52'08"N., long. 101°55'28"W.; thence counterclockwise along a 44 NM arc from the Reese AFB VORTAC to lat. 33°27'13"N., long. 101°11'02"W.; to lat. 33°29'50"N., long. 101°25'02"W.; thence clockwise along a 32 NM arc from the Reese APB VORTAC to lat. 33°26'19"N., long. 101°26'05"W.; to lat. 33°29'56"N., long. 101°44'50"W.; thence clockwise along a 16 NM arc from the Reese APB VORTAC to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. Normally, sunrise-sunset Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Lubbock TRACON
Using agency. 64th Flying Training Wing, Reese AFB, TX

Reese 5 MOA, TX
Boundaries. Beginning at lat. 33°27'45"N., long. 101°06'02"W.; to lat. 33°24'00"N., long. 100°44'01"W.; to lat. 33°19'30"N., long. 100°41'01"W.; to lat. 33°00'00"N., long. 100°50'01"W.; to lat. 32°45'00"N., long. 101°04'01"W.; to lat. 32°32'30"N., long. 101°42'01"W.; to lat. 32°35'00"N., long. 101°54'02"W.; to lat. 32°47'00"N., long. 101°55'32"W.; to lat. 32°53'00"N., long. 101°36'02"W.; to lat. 33°08'00"N., long. 101 °16'01"W.; to the point of beginning.
Altitudes. 12,000 feet MSL to but not including FL 180.
Times of use. Normally, sunrise-sunset Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC
Using agency. 64th Flying Training Wing, Reese AFB, TX

Reno MOA, NV
Boundaries. Wholly contained within the area utilizing the radial/distance of the Reno, NV, VORTAC beginning at the Reno 337°/85 NM fix thence direct to the Reno 346°/83 NM fix thence direct to the Reno 360°/78 NM fix thence direct to the Reno 360°/40 NM fix thence counterclockwise on the Reno VORTAC 40 NM arc to the Reno 337°/40 NM fix to the point of beginning.
Altitudes. 13,000 feet MSL to but not including FL 180.
Times of use. 1000-l 800 Tuesday-Saturday; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC
Using agency. Commander, 152nd Tactical Reconnaissance Group, Nevada Air National Guard, Reno, NV

Reserve MOA, AZ
Boundaries. Beginning at lat. 34°00'00"N., long. 109°34'02"W.; to lat. 34°00'00"N., long. 108°48'00"W.; to lat. 33°54'00"N., long. 108°48'00"W.; to lat. 33°29'40"N., long. 108°07'20"W.; to lat. 33" 15'00"N., long. 108°24'32"W.; to lat. 33° 15'00"N., long. 109°34'02"W.; to the point of beginning.
Altitudes. 5,000 feet AGL to but not including FL 180.
Times of use. By NOTAM.
Controlling agency. FAA, Albuquerque ARTCC
Using agency. U.S. Air Force, Commander, 162nd Fighter Training Group, Tucson, AZ.
REVISED 9/1 6/93

Reveille MOA, NV
Boundaries. Beginning at lat. 37°53'00"N., long. 116°11'03"W.; to lat. 37°53'00"N., long. 116°40'03"W.; to lat. 38°00'20"N., long. 116°40'03"W.; to lat. 38°14'20"N., long. 116°18'33"W.; to lat. 38° 18'00"N., long. 114°35'53"W.; to lat. 38°06'00"N., long. 114°35'03"W.; to lat. 38°01'00"N., long. 114°30'03"W.; to the point of beginning.
Altitudes. 100 feet AGL to but not including FL 180 excluding the airspace 1,500 feet AGL and below within a 3 NM radius of the center of Pioche Airport.
Times of use. Intermittent, sunrise to sunset, Monday to Saturday; other times by NOTAM.
Controlling agency. FAA, Salt Lake City ARTCC
Using agency. USAF, 57th Fighter Weapons Wing, Nellis AFB,NV
ADDED 1 /9/92

Rivers MOA, OK
Boundaries. Beginning at lat. 34"46'18"N., long. 95°43'30"W.; to lat. 34°38'00"N., long. 94°44'30"W.; to lat. 33°57'20"N., long. 95°14'30"W.; to lat. 34°02'12"N., long. 95°58'49"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. Sunrise-2100, Monday-Saturday.
Controlling agency. FAA, Fort Worth ARTCC
Using agency. U. S. Air Force, 138th Fighter Group, Tulsa International Airport, OK
USING AGENCY CHANGED 5/25/95
BOUNDARIES CHANGED 4/25/96

Roberts MOA, CA

Boundaries. Beginning at lat. 36°03'30"N., long. 121°06'44"W.; to lat. 35°51'00"N., long. 120°46'24"W.; to lat. 35°44'30"N., long. 120°42'44"W.; to lat. 35°39'40"N., long. 120°43'24"W.; to the point of beginning, excluding Restricted Area R-2504.

Altitudes. From 500 feet AGL up to but not including 15,000 feet MSL.

Times of use. Intermittent by NOTAM.

Controlling agency. FAA, Oakland ARTCC

Using agency. Commander, Strike Fighter Wing Pacific Fleet, Naval Air Station, Lemoore, CA

USING AGENCY CHANGED 4/25/96

Roby MOA, TX

Boundaries. Beginning at lat. 33° 16'09"N., long. 100°20'27"W.; to lat. 32°46'45"N., long. 100°02'30"W.; thence counterclockwise along the 20 NM arc from Abilene, TX, VORTAC to lat. 32°31'30"N., long. 100° 15'15"W.; to lat. 32°28'15"N., long. 101 ° 14'46"W.; to lat. 32°37'00"N., long. 101 ° 14'46"W.; to lat. 32°43'59"N., long. 100°51'57"W.; thence clockwise along the 53 NM arc from Abilene VORTAC to the point of beginning.

Altitudes. 12,000 feet MSL to but not including FL 180.

Times of use. Sunrise-sunset, Monday-Friday; other times by NOTAM.

Controlling agency. FAA, Fort Worth ARTCC

Using agency. U.S. Air Force, 96th BMW (SAC), Dyess AFB, TX

Roosevelt A MOA, WA

Boundaries. Beginning at lat. 49°00'00"N., long. 119°00'04"W.; to lat. 49°00'00"N., long. 117°23'04"W.; to lat. 49°00'00"N., long. 116°48'04"W.; to lat. 48°22'00"N., long. 117°28'04"W.; to lat. 48°22'00"N., long. 118°06'04"W.; to lat. 48°19'30"N., long. 118° 14'34"W.; to lat. 48°03'30"N., long. 119°00'04"W.; to the point of beginning.

Altitudes. 9,000 feet MSL to but not including FL 180.

Times of use. Intermittent by NOTAM; contact nearest Flight Service Station.

Controlling agency. FAA, Seattle ARTCC

Using agency. U.S. Navy, Commanding Officer, NAS Whidbey Island, Oak Harbor, WA

USING AGENCY CHANGED 7/22/93

Roosevelt B MOA, WA

Boundaries. Beginning at lat. 48°03'30"N., long. 119°00'04"W.; to lat. 49°00'00"N., long. 119°00'04"W.; to lat. 49°00'00"N., long. 117°23'04"W.; via a line parallel to and 2 NM west of the west bank of the Pend Oreille River, WA; to lat. 48°38'00"N., long. 117°25'04"W.; to lat. 48°38'00"N., long. 118°10'34"W.; then via a line parallel to and 2 NM west of the west bank of the Columbia River, WA; to lat. 48°19'30"N., long. 118° 14'34"W.; to the point of beginning.

Altitudes. 300 feet AGL to but not including 9,000 feet MSL. Excluding the airspace 1,500 feet AGL and below within a 3–NM radius of the Ferry County Airport, Republic, WA.

Times of use. Intermittent by NOTAM; contact nearest Flight Service Station.

Controlling agency. FAA, Seattle ARTCC

Using agency. U.S. Navy, Commanding Officer, NAS Whidbey Island, Oak Harbor, WA

ALTITUDES CHANGED 6/23/94

Rose Hill MOA, AL

Boundaries. 26 to 48 NM DME arc of the Dothan, VORTAC – between the 247° and 293° radials.

Altitudes. 8,000 feet MSL to but not including 18,000 feet MSL (FL 180)

Times of use. 0600-2400 Monday-Friday; other times by NOTAM.

Controlling agency. FAA, Jacksonville ARTCC

Using agency. U.S. Air Force, 3246 Test Wing/DOSO, Eglin AFB, FL

USING AGENCY CHANGED 12/1 0/92

Ruby 1 MOA, AZ

Boundaries. Beginning at lat. 31°31'00"N., long. 111°38'32"W.; to lat. 31°43'30"N., long. 111°35'32"W.; to lat. 31°49'00"N., long. 111°32'02"W.; to lat. 31°49'00"N., long. 111°04'02"W.; to lat. 31°38'55"N., long. 111°04'57"W.; to lat. 3 1°22'05"N., long. 11 1°11' 12" W.; thence along the United States/Mexico border to the point of beginning.

Altitudes. 10,000 feet MSL to but not including FL 180.

Times of use. 0600–1900 Monday-Friday; other times by NOTAM.

Controlling agency. FAA, Albuquerque ARTCC

Using agency. 162nd Tactical Fighter Group, Tucson, AZ

Rucker A MOA, AL

Boundaries. Beginning at lat. 31°42'01"N., long. 85°46'00"W.; to lat. 31°41'01"N., long. 85°57'40"W.; to lat. 31°34'36"N., long. 86°04'30"W.; to lat. 31°23'21"N., long. 85°56'00"W.; to lat. 31°23'21"N., long. 85°48'32"W.; to lat. 31°26'51"N., long. 85°42'00"W.; to lat. 31°33'01"N., long. 85°40'00"W.; thence to the point of beginning, excluding Restricted Area R-2103 and the airspace within a 3–nautical–mile radius of the Brundidge, AL, Airport (lat. 31°44'01"N., long. 85°48'17"W.)

Altitudes. 100 feet AGL to 1,500 feet MSL, inclusive.

Times of use. By NOTAM at least 24 hours in advance.

Controlling agency. FAA, Jacksonville ARTCC

Using agency. Commander, U.S. Army Aviation Center, Ft. Rucker, AL

Rucker B MOA, AL

Boundaries. Beginning at lat. 31°42'01"N., long. 85°46'00"W.; to lat. 31°33'01"N., long. 85°40'00"W.; to lat. 31°27'31"N., long. 85°20'45"W.; to lat. 31°47'01"N., long. 85° 18' 10"W.; thence to the point of beginning, excluding the airspace within a 3–nautical–mile radius of the Brundidge, AL, Airport (lat. 31°44'01"N., long. 85°48'17"N.)

Altitudes. 100 feet AGL to 1,500 feet MSL, inclusive.

Times of use. By NOTAM at least 24 hours in advance.

Controlling agency. FAA, Jacksonville ARTCC

Using agency. Commander, U.S. Army Aviation Center, Ft. Rucker, AL

Rucker C MOA, AL

Boundaries. Beginning at lat. 31°21'21'N., long. 85°16'40"W.; to lat. 31 °16'01"N., long. 85°13'00"W.; to lat. 31 °16'41"N., long. 84°59'30"W.; to lat. 31°28'01"N., long. 84°56'00"W.; to lat. 31°36'21"N., long. 84°58'30"W.; to lat. 31°34'41"N., long. 85°12'30"W.; thence to the point of beginning, excluding the airspace within a 3-nautical-mile radius of the airports at Abbeville, AL, (lat. 31°36'01"N., long. 85°14'20"W.) Headland, AL, (lat. 31°21'54"N., long. 85°18'35"W.) and Fort Gaines-Clay County, GA, (lat. 3 1°37'57"N., long. 85°02'34"W.)

Altitudes. 100 feet AGL to 1,500 feet MSL, inclusive.

Times of use. By NOTAM at least 24 hours in advance.

Controlling agency. FAA, Jacksonville ARTCC

Using agency. Commander, U.S. Army Aviation Center, Ft. Rucker, AL

Saddle A MOA, OR

Boundaries. Beginning at lat. 43°30'00"N., long. 117°35'04"W.; to lat. 43°30'00"N., long. 117" 14'04"W.; to lat. 43°11'00"N., long. 117°08'04"W.; to lat. 42°52'30"N., long. 117°35'04"W.; to the point of beginning.

Altitudes. 10,000 feet MSL to but not including FL 180.

Times of use. Intermittent by NOTAM.

Controlling agency. FAA, Salt Lake City ARTCC

Using agency. 124th Tactical Reconnaissance Group, Idaho Air National Guard, Gowen Field, Boise, ID 83705

Saddle B MOA, OR

Boundaries. Beginning at lat. 43 °30'00"N., long. 117°35'04"W.; to lat. 42°52'30"N., long. 117°35'04"W.; to lat. 42°50'00"N., long. 117°38'04"W.; to lat. 42°47'00"N., long. 117°51'04"W.; to lat. 43°21'30"N., long. 118 °35'04"W.; to lat. 43 ° 30'00"N., long. 118°25'34"W.; to the point of beginning.

Altitudes. 8,000 feet MSL to but not including FL 180.

Times of use. Intermittent by NOTAM.

Controlling agency. FAA, Salt Lake City ARTCC

Using agency. 124th Tactical Reconnaissance Group, Idaho Air National Guard, Gowen Field, Boise, ID 83705

Salem MOA, MO

Boundaries. Beginning at lat. 37°13'46"N., long. 90°34'02"W.; to lat. 37°43'13"N., long. 90°35'32"W.; to lat. 37°54'14"N., long. 91°09'09"W.; to lat. 37°41'28"N., long. 91°29'37"W.; thence via the 60 NM arc of the Farmington, MO, VORTAC to lat. 37°19'53"N., long. 91°24'55"W.; to lat. 37°10'35"N., long. 91°00'57"W.; to the point of beginning.

Altitudes. Surface to but not including 7,000 feet MSL, excluding that airspace 1,500 feet AGL and below within a 3 NM radius of the Vibumam Airport, Vibumam, MO, Bismark Airport, Bismark, MO, and Dove Airport, Middle Brook, MO.

Times of use. Intermittent by NOTAM.

Controlling agency. FAA, Kansas City ARTCC

Using agency. 13 1 Tactical Fighter Wing, Missouri Air National Guard, Lambert-St. Louis International Airport, MO

ALTITUDES CHANGED 6/23/94

Salinas One MOA, PR

Boundaries. Beginning at lat. 18°05'08"N., long. 66°18'25"W.; to lat. 18°02'53"N., long. 66°12'19"W.; to lat. 17°56'53"N., long. 66°16'44"W.; to lat. 18°00'51"N., long. 66°23'06"W.; to the point of beginning, excluding that airspace within R–7103A, R-7103B and R-7103C.

Altitudes. 500 feet AGL to 15,000 feet MSL.

Times of use. Intermittent, 0700–2200, daily.

Controlling agency. FAA CERAP, San Juan, PR

Using agency. 156th Tactical Fighter Group, Puerto Rico Air National Guard

Salinas Two MOA, PR

Boundaries. Beginning at lat. 18°05'08"N., long. 66°18'25"W.; to lat. 18°00'51"N., long. 66°23'06"W.; to lat. 18°03'08"N., long. 66°23'59"W.; to the point of beginning, excluding that airspace within R–7103A, R-7103B and R–7103C.

Altitudes. 500 feet AGL to 3,000 feet MSL.

Times of use. Intermittent, 0700-2200, daily.

Controlling agency. FAA CERAP, San Juan, PR

Using agency. 156th Tactical Fighter Group, Puerto Rico Air National Guard

Saline MOA, CA

Boundaries. Beginning at lat. 37°12'00"N., long. 118°00'03"W.; to lat. 37°12'00"N., long. 117°20'03"W.; to lat. 36°30'00"N., long. 116°55'03"W.; to lat. 36°30'00"N., long. 117°48'03"W.; to lat. 36°46'00"N., long. 118°00'03"W.; to the point of beginning.

Altitudes. 200 feet AGL to but not including FL 180. Except 3,000 feet AGL floor over Death Valley National Monument.

Times of use. 0600-2200 Monday-Friday; other times by NOTAM.

Controlling agency. FAA, Hi-Desert TRACON, Edwards, CA

Using agency. R-2508 Complex Control Board.

CONTROLLING AGENCY CHANGED 5/27/93

San Onofre High MOA, CA

Boundaries. Beginning at lat. 33°24'20"N., long. 117°35'51"W.; to lat. 33°27'13"N., long. 117°34'17"W.; to lat. 33°16'06"N., long. 117°20'51"W.; to lat. 33°14'39"N., long. 117°25'10"W.; thence along Interstate Highway 5 (I-5) to the point of beginning.

Altitudes. 4,000 feet MSL to but not including 8,000 feet MSL.

Times of use. Intermittent, by NOTAM at least 24 hours in advance; total annual activation not to exceed 20 days.

Controlling agency. FAA, Southern California TRACON

Using agency. U.S. Marine Corps, Commanding General, MCB Camp Pendleton, CA

ADDED 8/18/94

San Onofre Low MOA, CA

Boundaries. Beginning at lat. 33 °22'30"N., long. 117°39'48"W.; to lat. 33°22'42"N., long. 117°36'45"W.; to lat. 33°27'13"N., long. 117°34'17"W.; to lat. 33°16'06"N., long. 117°20'51"W.; to lat. 33°13'20"N., long. 117°29'03"W.; thence 3 NM from and parallel to the shoreline to the point of beginning.

Altitudes. 2,000 feet MSL to but not including 4,000 feet MSL.

Times of use. Intermittent, by NOTAM at least 24 hours in advance; total annual activation not to exceed 20 days.

Controlling agency. FAA, Southern California TRACON

Using agency. U.S. Marine Corps, Commanding General, MCB Camp Pendleton, CA

ADDED 8/1 8/94

Saylor MOA, ID

Boundaries. Beginning at lat. 42°00'00"N., long. 115°37'03"W.; to lat. 42°07'00"N., long. 115°37'03"W.; to lat. 42°07'00"N., long. 115°30'03"W.; to lat. 42°00'00"N., long. 115°30'03"W.; to the point of beginning.

Altitudes. 100 feet AGL to 14,500 feet MSL.

Times of use. 0600–0200 daily; other times by NOTAM.

Controlling agency. FAA, Salt Lake City ARTCC

Using agency. U.S. Air Force, 366th Tactical Fighter Wing/DOTU, Mountain Home AFB, ID

Sells 1 MOA, AZ

Boundaries. Beginning at lat. 3 1°58'00"N., long. 113°05'33"W.; to lat. 32°11'30"N., long. 113°05'33"W.; to lat. 32°11'30"N., long. 112°56'48"W.; to lat. 32°29'00"N., long. 112°53'33"W.; to lat. 32°50'25"N., long. 112°49'03"W.; to lat. 32°50'52"N., long, 112°42'56"W.; to lat. 32°49'00"N., long. 112°39'03"W.; to lat. 32°38'30"N., long. 112°18'03"W.; to lat. 32°15'10"N., long. 111°36'02"W.; to lat. 31°57'45"N., long. 111°36'02"W.; to lat. 3 1 ° 49'00"N., long. 111°32'02"W.; to lat. 31°43'30"N., long. 111°35'32"W.; to lat. 31°31'00"N., long. 111°38'32"W.; thence along the United States/Mexico border to the point of beginning, excluding Restricted Areas R-2304 and R-2305.

Altitudes. 10,000 feet MSL to but not including FL 180.

Times of use. 0600–1900 Monday-Friday; other times by NOTAM.

Controlling agency. FAA, Albuquerque ARTCC

Using agency. U.S. Air Force, 58th Fighter Wing, Luke AFB, AZ

USING AGENCY CHANGED 10/15/92

Sells Low MOA, AZ

Boundaries. Beginning at lat. 3 1°58'00"N., long. 113°05'33"W.; to lat. 32°11'30"N., long. 113°05'33"W.; to lat. 32°11'30"N., long. 112°56'48"W.; to lat. 32°29'00"N., long. 112°53'33"W.; to lat. 32°29'00"N., long. 112°43'03"W.; to lat. 32°26'40"N., long. 112°43'33"W.; to lat. 32°26'40"N., long. 112" 18'03"W.; to lat. 32°38'30"N., long. 112°18'03"W.; to lat. 32° 15' 10"N., long. 111 °36'02"W.; to lat. 3 1 °57'45"N., long. 111°36'02"W.; to lat. 3 1 ° 49'00"N., long. 111°32'02"W.; to lat. 31°43'30"N., long. 111°35'32"W.; to lat. 31 °31'00"N., long. 111°38'32"W.; thence along the United States/Mexico border to the point of beginning.

Altitudes. From 3,000 AGL up to but not including 10,000 MSL.

Times of use. 0600-1900 Monday-Friday; other times by NOTAM.

Controlling agency. FAA, Albuquerque ARTCC

Using agency. U.S. Air Force, 58th Fighter Wing, Luke AFB, AZ

USING AGENCY CHANGED 1 0/1 5/92

Sevier A MOA, UT

Boundaries. Beginning at lat. 39°23'00"N., long. 114°03'03"W.; to lat. 39°23'00"N., long. 113°19'03"W.;

to lat. 39°39'50"N., long. 113°02'37"W.; to lat. 39°34'00"N., long. 112°55'03"W.; to lat. 39°00'00"N., long. 113°22'03"W.; to lat. 39°00'00"N., long. 113°59'03"W.; to the point of beginning.
Altitudes. 100 feet AGL to 14,500 feet MSL.
Times of use. 0500–2000 Monday-Saturday; other times by NOTAM.
Controlling agency. FAA, Salt Lake City ARTCC
Using agency. 388th Tactical Fighter Wing, Tactical Air Command, Hill AFB, UT 84406

Sevier B MOA, UT
Boundaries. Beginning at lat. 38°30'00"N., long. 113°36'03"W.; to lat. 38°43'00"N., long. 113°56'03"W.; to lat. 39°00'00"N., long. 113°59'03"W.; to lat. 39°00'00"N., long. 113°22'03"W.; to lat. 39°34'00"N., long. 112°55'03"W.; to lat. 39°39'50"N., long. 113°02'37"W.; to lat. 40°00'00"N., long. 112°43'03"W.; to lat. 40°16'00"N., long. 112°43'03"W.; to lat. 40°25'00"N., long. 112°50'03"W.; to lat. 40°34'25"N., long. 112°56'38"W.; to lat. 40°31'00"N., long. 112°37'03"W.; to lat. 39°59'00"N., long. 112°32'03"W.; to lat. 39°47'00"N., long. 112°36'03"W.; to lat. 38°42'00"N., long. 113°04'03"W.; to the point of beginning.
Altitudes. 100 feet AGL to 9,500 feet MSL.
Times of use. 0500-2000 Monday-Saturday; other times by NOTAM.
Controlling agency. FAA, Salt Lake City ARTCC
Using agency. 6501 Range Squadron (AFSC), Hill AFB, UT 84406
BOUNDARIES REVISED 1 0/1 8/90

Sevier C MOA, UT
Boundaries. Beginning at lat. 39°23'00"N., long. 114°03'03"W.; to lat. 39°00'00"N., long. 113°59'03"W.; to lat. 39°00'00"N., long. 113°22'03"W.; to lat. 39°34'00"N., long. 112°55'03"W.; to lat. 39°39'50"N., long. 113°02'37"W.; to lat. 39°23'00"N., long. 113°19'03"W.; to the point of beginning.
Altitudes. 14,500 feet MSL to but not including FL 180.
Times of use. By NOTAM 6 hours in advance.
Controlling agency. FAA, Salt Lake City ARTCC
Using agency. USAF, Commander, 6501 Range Squadron (AFSC), Hill AFB, UT
ADDED 8/23/90

Sevier D MOA, UT
Boundaries. Beginning at lat. 39°00'00"N., long. 113°59'03"W.; to lat. 38°43'00"N., long. 113°56'03"W.; to lat. 38°30'00"N., long. 113°36'03"W.; to lat. 38°42'00"N., long. 113°04'03"W.; to lat. 39°47'00"N., long. 112°36'03"W.; to lat. 39°59'00"N., long. 112°32'03"W.; to lat. 40°31'00"N., long. 112°37'03"W.; to lat. 40°34'25"N., long. 112°56'38"W.; to lat. 40°25'00"N., long. 112°50'03"W.; to lat. 40" 16'00"N., long. 112°43'03"W.; to lat. 40°00'00"N., long. 112°43'03"W.; to lat. 39°39'50"N., long. 113°02'37"W.; to lat. 39°34'00"N., long. 112°55'03"W.; to lat. 39°00'00"N., long. 113°22'03"W.; to the point of beginning.
Altitudes. 9,500 feet MSL to but not including FL 180.
Times of use. By NOTAM 6 hours in advance.
Controlling agency. FAA, Salt Lake City ARTCC
Using agency. USAF, Commander, 6501 Range Squadron (AFSC), Hill AFB, UT
BOUNDARIES REVISED 10/18/90

1 Seymour Johnson Echo MOA, NC
Boundaries. Beginning at lat. 35°40'26"N., long. 78°27'59"W.; to lat. 35°26'31"N., long. 77°54'59"W.; to lat. 34°58'01"N., long. 78°03'29"W.; to lat. 35°01'01"N., long. 78°31'59"W.; to lat. 35°27'01"N., long. 78°37'59"W.; to the point of beginning.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. 0600–2000 Monday-Friday; other times by NOTAM. Contact nearest Flight Service Station.
Controlling agency. FAA, Washington ARTCC
Using agency. 4 Tactical Fighter Wing, Seymour Johnson AFB, NC

Sheep Creek 1 MOA, ID
Boundaries. Beginning at lat. 42°24'10"N., long. 115°50'19"W.; to lat. 42°24'00"N., long. 115°37'03"W.; to lat. 42°00'00"N., long. 115°37'03"W.; to lat. 42°00'00"N., long. 115°48'41"W.; to the point of beginning.
Altitudes. 100 feet AGL to 11,000 feet MSL.
Times of use. 0600-0200 daily; other times by NOTAM.
Controlling agency. FAA, Salt Lake City ARTCC
Using agency. U.S. Air Force, 366th Tactical Fighter Wing/DOTU, Mountain Home AFB, ID

Sheep Creek 2 MOA, ID
Boundaries. Beginning at lat. 42°24'10"N., long. 115°50'19"W.; to lat. 42°36'00"N., long. 115°42'23"W.; to lat. 42°36'00"N., long. 115°37'03"W.; to lat. 42°24'00"N., long. 115°37'03"W.; to the point of beginning.
Altitudes. 100 feet AGL to 8,500 feet MSL.
Times of use. 0600–0200 daily; other times by NOTAM.
Controlling agency. FAA, Salt Lake City ARTCC
Using agency. U.S. Air Force, 366th Tactical Fighter Wing/DOTU, Mountain Home AFB, ID

BOUNDARIES CHANGED 7/27/89

Sheep Creek 3 MOA, ID

Boundaries. Beginning at lat. 42°46'30"N., long. 115°42'23"W.; to lat. 42°29'54"N., long. 116°21'08"W.; to lat. 42°23'30"N., long. 116°04'03"W.; to lat. 42°24'10"N., long. 115°50'19"W.; to lat. 42°36'00"N., long. 115°42'23"W.; to the point of beginning.

Altitudes. 100 feet AGL to but not including 7,000 feet MSL.

Times of use. Sunrise-sunset, Monday-Friday; other times by NOTAM six hours in advance.

Controlling agency. Mountain Home AFB Radar Approach Control

Using agency. U.S. Air Force, 366 TFW/DO (TAC), Mountain Home AFB, ID

ADDED 4/6/89

Sheppard 1 MOA, TX

Boundaries. Beginning at lat. 34°46'24"N., long. 98°52'00"W.; to lat. 34°38'15"N., long. 98°48'31"W.; to lat. 34°38'15"N., long. 98° 17'Ol"W.; to lat. 34°23'15"N., long. 98°25'46"W.; to lat. 34°19'30"N., long. 98°29'01"W.; to lat. 34°12'57"N., long. 98°32'06"W.; to lat. 34°09'39"N., long. 98°46'54"W.; to lat. 34"15'00"N., long. 99°00'01"W.; to lat. 34°23'30"N., long. 99°12'31"W.; to lat. 34°28'00"N., long. 99°08'01"W.; to lat. 34°35'36"N., long. 99°15'19"W.; thence clockwise via the 49 NM arc of the SPS VORTAC to the point of beginning.

Altitudes. 8,000 feet MSL to but not including FL 180.

Times of use. Normally, Monday-Friday, one hour before sunrise to one hour after sunset; other times by NOTAM.

Controlling agency. FAA, Fort Worth ARTCC

Using agency. 80th Flying Training Wing, Sheppard AFB, TX

BOUNDARIES AND CONTROLLING AGENCY CHANGED 2/9/89

Sheppard 2 MOA, TX

Boundaries. Beginning at lat. 34°46'28"N., long. 97°56'55"W.; thence clockwise via the 57 NM arc of the SPS VORTAC to lat. 34°32'35"N., long. 97°39'47"W.; to lat. 33°54'26"N., long. 97°43'02"W.; to lat. 33°57'38"N., long. 98°17'40"W.; to lat. 34°09'30"N., long. 98°23'31"W.; to lat. 34°36'00"N., long. 98°05'46"W.; to the point of beginning.

Altitudes. 8,000 feet MSL to but not including FL 180.

Times of use. Normally, Monday-Friday, one hour before sunrise to one hour after sunset; other times by NOTAM.

Controlling agency. FAA, Fort Worth ARTCC

Using agency. 80th Flying Training Wing, Sheppard AFB, TX

BOUNDARIES AND CONTROLLING AGENCY CHANGED 2/9/89

Shirley 1 MOA, AR

Boundaries. Beginning at lat. 35°19'00"N., long. 93°01'01"W.; to lat. 35°19'00"N., long. 91°45'01"W.; to lat. 35°38'00"N., long. 91°28'30"W.; to lat. 35°53'00"N., long. 91°28'30"W.; to lat. 36°02'00"N., long. 91°55'01"W.; to lat. 36°02'00"N., long. 93°00'01"W.; to lat. 35°59'30"N., long. 93°04'36"W.; to the point of beginning.

Altitudes. 10,000 feet MSL to but not including FL 180.

Times of use. Intermittent by NOTAM.

Controlling agency. FAA, Memphis ARTCC

Using agency. Marine Air Reserve Training Detachment, Fourth Marine Aircraft Training Wing, FMF Marine Air Reserve Training Command, Naval Air Station, Memphis, TN

Shoshone MOA, CA

Boundaries. Beginning at lat. 36°30'00"N., long. 116°55'03"W.; to lat. 36°30'00"N., long. 116°47'03"W.; to lat. 36°06'00"N., long. 116°18'03"W.; to lat. 35°39'00"N., long. 115°53'03"W.; to lat. 35" 18'45"N., long. 116°18'48"W.; to lat. 35°28'35"N., long. 116°18'48"W.; to lat. 35°34'30"N., long. 116°23'33"W.; to the point of beginning.

Altitudes. 200 feet AGL to but not including FL 180. Except 3,000 feet AGL floor over Death Valley National Monument. Except 1,500 feet AGL within a 3 NM radius of the following airport: Shoshone.

Times of use. 0600-2200 Monday-Friday; other times by NOTAM.

Controlling agency. FAA, Los Angeles ARTCC

Using agency. R-2508 Complex Control Board.

NAME, ALTITUDES AND USING AGENCY CHANGED 4/30/92

Silver MOA, CA

Boundaries. Beginning at lat. 35°39'00"N., long. 115°53'03"W.; to lat. 35°22'00"N., long. 115°53'03"W.; to lat. 35°06'00"N., long. 116°00'03"W.; to lat. 35°07'00"N., long. 116°34'03"W.; to lat. 35° 18'45"N., long. 116°18'48"W.; to the point of beginning; excluding the airspace below 3,000 feet AGL within a 3 NM radius of the town of Baker, CA, (lat. 35° 16'00"N., long. 116°04'33"W.)

Altitudes. 200 feet AGL to 7,000 feet MSL.

Times of use. Intermittent by NOTAM.

Controlling agency. FAA, Los Angeles ARTCC

Using agency. U.S. Air Force, 57 FWW/DOOS, Nellis AFB, NV
TIMES OF USE CHANGED 2/4/93

Smoky High MOA, KS
Boundaries. Beginning at lat. 38°48'30"N., long. 98°09'01"W.; to lat. 38°45'00"N., long. 97°56'01"W.; to lat. 38°35'00"N., long. 97°56'01"W.; to lat. 38°35'00"N., long. 97°50'01"W.; to lat. 38°38'00"N., long. 97°50'01"W.; to lat. 38°38'20"N., long. 97°47'31"W.; then northeast along the Missouri Pacific Railroad Track; to lat. 38°39'45"N., long. 97°46'01"W.; to lat. 38°27'20"N., long. 97°50'01"W.; to lat. 38°27'20"N., long. 98°02'46"W.; to lat. 38°38'30"N., long. 98°04'31"W.; to the point of beginning.
Altitudes. 5,000 feet MSL to but not including FL 180.
Times of use. 0800–1800, Monday, Wednesday, Friday and Saturday; 0800-2230 Tuesday and Thursday; other times by NOTAM 24 hours in advance.
Controlling agency. FAA, Kansas City ARTCC
Using agency. Air National Guard, 184th Tactical Fighter Group, McConnell AFB, KS
ADDED 11/14/91

Smoky MOA, KS
Boundaries. Beginning at lat. 38°48'30"N., long. 98°09'01"W.; to lat. 38°45'00"N., long. 97°56'01"W.; to lat. 38°35'00"N., long. 97°56'01"W.; to lat. 38°35'00"N., long. 97°50'01"W.; to lat. 38°38'00"N., long. 97°50'01 "W.; to lat. 38°38'20"N., long. 97°47'31"W.; then northeast along the Missouri Pacific Railroad Track to lat. 38°39'45"N., long. 97°46'01"W.; to lat. 38°27'20"N., long. 97°50'01"W.; to lat. 38°27'20"N., long. 98°02'46"W.; to lat. 38°38'30"N., long. 98°04'31"W.; to the point of beginning.
Altitudes. 500 feet AGL to but not including 5,000 feet MSL.
Times of use. 0800-1800 Monday, Wednesday, Friday and Saturday; 0800–2230 Tuesday and Thursday; other times by NOTAM 24 hours in advance.
Controlling agency. FAA, Kansas City ARTCC
Using agency. Air National Guard, 184th Tactical Fighter Group, McConnell AFB, KS
ALTITUDES, TIMES OF' USE AND USING AGENCY CHANGED 11/14/91

Snoopy East MOA, MN
Boundaries. Beginning at lat. 47°00'00"N., long. 91°25'01"W.; to lat. 47°45'00"N., long. 90°05'00"W.; to lat. 47°05'00"N., long. 90°05'01"W.; to lat. 47°05'00"N., long. 90°45'01"W.; to lat. 47°00'00"N., long. 9 1 ° 00'01' 'W.; to the point of beginning; excluding the airspace below 6,000 feet MSL within 5 NM of the Apostle Islands National Lakeshore.
Altitudes. 300 feet AGL to but not including FL 180.
Times of use. By NOTAM (normally intermittently 0800-2200, Monday-Saturday).
Controlling agency. FAA, Minneapolis ARTCC
Using agency. U.S. Air Force, 148th Fighter Interceptor Group (FIG), Duluth International Airport, MN
ADDED 11/14/91

Snoopy West MOA, MN
Boundaries. Beginning at lat. 47° 13'00"N., long. 92°16'06"W.; to lat. 47°54'00"N., long. 92°24'31"W.; to lat. 47°45'00"N., long. 91°30'01"W.; to lat. 47°45'00"N., long. 90°05'00"W.; to lat. 47°00'00"N., long. 91°25'01 "W.; to lat. 47°00'00"N., long. 91°40'01"W.; thence via a 25 NM DME arc of the Duluth VORTAC to the point of beginning.
Altitudes. 6,000 feet MSL to but not including FL 180.
Times of use, By NOTAM (normally intermittently 0800-2200, Monday-Saturday).
Controlling agency. FAA, Minneapolis ARTCC
Using agency. U.S. Air Force, 148th Fighter Interceptor Group, (FIG), Duluth International Airport, MN
ADDED 11/14/91

Snowbird MOA, TN
Boundaries. Beginning at lat. 35 ° 47'00"N., long. 83°37'30"W.; to lat. 35°35'00"N., long. 82°49'45"W.; to lat. 35°08'40"N., long. 83°01'30"W.; to lat. 35°07'45"N., long. 83°48'10"W.; to lat. 35°40'00"N., long. 83°47'40"W.; to the point of beginning.
Altitudes. 11,000 feet MSL to but not including FL 180.
Times of use. Intermittent, 0800-2100 local time daily, by NOTAM.
Controlling agency. FAA, Atlanta ARTCC
Using agency. FAA, Atlanta ARTCC
ADDED 5/3/90

Steelhead MOA, MI
Boundaries. Beginning at lat. 43°26'00"N., long. 82°44'00"W.; to lat. 43°38'30"N., long. 83°32'00"W.; to lat. 44°17'20"N., long. 83°43'00"W.; to lat. 44°17'00"N., long. 83°27'00"W.; to lat. 43°53'15"N., long. 82°11'18"W.; to lat. 43°35'28"N., long. 82°07'22"W.; to lat. 43°33'54"N., long. 82°08'10"W.; to the point of beginning.
Altitudes. 6,000 MSL to but not including FL 180.
Time of use. 0700 to 1800, Monday through Saturday, other times by NOTAM.
Controlling agency. FAA, Cleveland ARTCC.

Using agency. U. S. Air Force, Alpena Combat Readiness Training Center (CRTC), Alpena, MI.
ADDED 1 /4/96

Stony A MOA, AK
Boundaries. Beginning at lat. 62°31'28"N., long. 155°48'08"W.; to lat. 61°39'58"N., long. 152°34'08"W.; to lat. 61°24'58"N., long. 152°48'08"W.; to lat. 61°23'58"N., long, 155°35'08"W.; thence northward along the east bank of the Stony River until it joins the Kuskokwim River, thence northward along the east bank of the Kuskokwim River until it joins the point of beginning.
Altitudes. 100 feet AGL up to but not including FL 180.
Times of use. 0800–1800 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Anchorage ARTCC
Using agency. USAF, 3 WG, Elemendorf AFB, AK
USING AGENCY CHANGED 3/30/95

Stony B MOA, AK
Boundaries. Beginning at lat. 61°23'58"N., long. 155°35'08"W.; to lat. 61°22'58"N., long. 156°25'08"W.; to lat. 61°37'12"N., long. 158°14'09"W.; to lat. 61°52'57"N., long. 158°06'09"W.; to lat. 62°34'58"N., long. 156°00'08"W.; to lat. 62°31'28"N., long. 155°48'08"W.; thence southward along the east bank of the Kuskokwim River until it joins the Stony River, thence southward along the east bank of the Stony River until it joins the point of beginning.
Altitudes. 3,000 feet AGL up to but not including FL 180.
Times of use. By NOTAM only.
Controlling agency. FAA, Anchorage ARTCC
Using agency. USAF, 3 WG, Elmendorf AFB, AK
USING AGENCY CHANGED 3/30/95

Stumpy Point MOA, NC
Boundaries. Beginning at lat. 35'39'01 "N., long. 75°45'49"W.; to lat. 35°39'01"N., long. 75°33'59"W.; to lat. 35°33'01"N., long. 75°33'59"W.; to lat. 35°27'01"N., long. 75°37'59"W.; to lat. 35°27'01"N., long. 75°48'19"W.; to lat. 35°34'41"N., long. 75°48'19"W.; to lat. 35°34'41"N., long. 75°46'49"W.; to the point of beginning.
Altitudes. Surface to but not including 8,000 feet MSL.
Times of use. Intermittent, sunrise-2300 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Washington ARTCC
Using agency. U. S. Navy, Fleet Area Control and Surveillance Facility Virginia Beach Naval Air Station, Oceana, VA

Sundance MOA, CA
Boundaries. Beginning at lat. 34° 14'00"N., long. 116°06'03"W.; to lat. 34°14'00"N., long. 115°44'03"W.; to lat. 34°11'00"N., long. 115°47'33"W.; to lat. 34° 11 'OO"N., long. 116°06'03"W.; to the point of beginning.
Altitudes. 500 feet AGL to and including 10,000 feet MSL; excluding a l-mile radius of the MAF Airpark surface to 1,500 feet AGL and a l-mile wide corridor, extending from the center of the airport on a straight line south to the edge of the MOA.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC
Using agency. Marine Corps Air Ground Combat Center, Twentynine Palms, CA

Sunny MOA, AZ
Boundaries. Beginning at lat. 35°53'30"N., long. 111°39'33"W.; to lat. 36°02'00"N., long. 111°15'03"W.; to lat. 35°57'30"N., long. 110°30'02"W.; to lat. 35°54'00"N., long. 110°21'02"W.; to lat. 35°32'00"N., long. 110°21'02"W.; to lat. 35°24'00"N., long. 110°34'02"W.; to lat. 35°24'00"N., long. 111°39'03"W.; to lat. 35°27'00"N., long. 111°53'03"W.; to the point of beginning.
Altitudes. 12,000 feet MSL up to but not including FL 180.
Times of use. By NOTAM 24 hours in advance.
Controlling agency. FAA, Albuquerque ARTCC
Using agency.U.S. Air Force, 58th Fighter Wing, Luke AFB, AZ
USING AGENCY CHANGED 10/15/92

Susitna MOA, AK
Boundaries. Beginning at lat. 62°18'34"N., long. 152°40'14"W.; thence clockwise on the 89 DME arc of the BGQ VORTAC; to lat. 63°00'43"N., long. 150°41'38"W.; to lat. 62°14'08"N., long. 150°18'20"W.; thence counterclockwise on the 41 DME arc of the BGQ VORTAC; to lat. 61°54'58"N., long. 151°12'53"W.; thence to the point of beginning.
Altitudes. 10,000 feet MSL or 5,000 feet AGL, whichever is higher, to but not including FL 180.
Times of use. Intermittent, 0800-l 800 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Anchorage ARTCC
Using agency. USAF, 3 WG, Elmendorf AFB, AK.
USING AGENCY CHANGED 3/30/95

Syracuse 1 MOA, NY
Boundaries. Beginning at lat. 44°06'00"N., long. 75°26'59"W.; to lat. 44°15'00"N., long. 75°08'59"W.; to lat. 44°21'00"N., long. 75°17'59"W.; to lat. 44°35'00"N., long. 74°52'59"W.; to lat. 44°36'00"N., long.

74°39'59"W.; to lat. 44°20'00"N., long. 74°40'29"W.; to lat. 43°55'00"N., long. 75°23'59"W.; to the point of beginning.
Altitudes. From 100 feet AGL up to but not including 6,000 feet MSL.
Times of use. Sunrise-sunset Tuesday-Saturday; other times by NOTAM.
Controlling agency. FAA, Boston ARTCC
Using agency. 174 Tactical Fighter Wing, Syracuse, NY

Syracuse 2 MOA, NY
Boundaries. Beginning at lat. 43°51'00"N., long. 75°53'59"W.; to lat. 44°00'45"N., long. 75°37'24"W.; to lat. 44°03'00"N., long. 75°33'29"W.; to lat. 44°08'23"N., long. 75°27'56"W.; to lat. 44°06'00"N., long. 75°26'59"W.; to lat. 43°55'00"N., long. 75°23'59"W.; to lat. 43°48'00"N., long. 75°35'59"W.; to lat. 43°42'00"N., long. 75°51'59"W.; to the point of beginning.
Altitudes. From 100 feet AGL up to but not including 6,000 feet MSL.
Times of use. Sunrise-sunset Tuesday-Saturday; other times by NOTAM.
Controlling agency. FAA, Boston ARTCC
Using agency. 174 Tactical Fighter Wing, Syracuse, NY

Syracuse 3 MOA, NY
Boundaries. Beginning at lat. 43°42'00"N., long. 75°51'59"W.; to lat. 43°48'00"N., long. 75°35'59"W.; to lat. 43°55'00"N., long. 75°23'59"W.; to lat. 43°44'17"N., long. 75°20'58"W.; thence counterclockwise along the 30 NM arc of a point centered at lat. 43°14'21"N., long. 75°24'07"W. to lat. 43°37'03"N., long. 75°51'03"W.; to the point of beginning.
Altitudes. From 100 feet AGL up to but not including 6,000 feet MSL.
Times of use. Sunrise-sunset Tuesday-Saturday; other times by NOTAM.
Controlling agency. FAA, Boston ARTCC
Using agency. 174 Tactical Fighter Wing, Syracuse, NY
BOUNDARIES CHANGED 6/28/90

Syracuse 4 MOA, NY
Boundaries. Beginning at lat. 43°30'06"N., long. 75°47'07"W.; to lat. 43°30'00"N., long. 75°49'59"W.; to lat. 43°37'03"N., long. 75°51'03"W.; thence clockwise along the 30 NM arc of a point centered at lat. 43°14'21"N., long. 75°24'07"W.; to lat. 43°44'17"N., long. 75°20'58"W.; to lat. 43°37'07"N., long. 75°19'28"W.; thence counterclockwise along the 23 NM arc of a point centered at lat. 43°14'21"N., long. 75°24'07"W. to the point of beginning.
Altitudes. From 100 feet AGL up to and including 3,000 feet MSL.
Times of use. Sunrise-sunset Tuesday-Saturday; other times by NOTAM.
Controlling agency. FAA, Boston ARTCC
Using agency. 174 Tactical Fighter Wing, Syracuse, NY
BOUNDARIES CHANGED 6/28/90

Taiban MOA, NM
Boundaries. Beginning at lat. 34°34'36"N., long. 104°07'00"W.; to lat. 34°33'00"N., long. 103°55'02"W.; to lat. 34°10'00"N., long. 103°55'02"W.; to lat. 34°10'00"N., long. 104°07'00"W.; to the point of beginning.
Altitudes. 500 feet AGL to but not including FL 180.
Times of use. 0800-2400, Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC
Using agency. U.S. Air Force, Commander, 27th Fighter Wing, Cannon AFB, NM
ADDED 7/22/93

Talon MOA, NM
Boundaries. Beginning at the 20 NM fix on the Chisum (CME) VORTAC 145° to the 60 NM fix on the CME VORTAC 145° radial; then clockwise along a 60 NM arc to the CME VORTAC 169° radial; then south to the 67 NM fix on the CME VORTAC 169° radial; then clockwise along a 67 NM arc to the CME VORTAC 191° radial to the 20 NM fix on the CME VORTAC 191° radial; then counterclockwise along a 20 NM arc to the point of beginning.
Altitudes. 12,500 feet MSL to but not including FL 180.
Times of use. Sunrise-sunset Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC
Using agency. 479th Tactical Training Wing, Holloman AFB, NM
BOUNDARIES CHANGED 11/11/93

Texon MOA, TX
Boundaries. Beginning at lat. 31°23'31"N., long. 101°15'01"W.; to lat. 30°54'01"N., long. 101°15'01"W.; to lat. 30°57'01"N., long. 102°00'01"W.; to lat. 31°27'31"N., long. 102°00'01"W.; to the point of beginning.
Altitudes. 6,000 feet MSL to but not including FL 180. ATC assigned airspace will be provided from FL 180 to FL 230.
Times of use. Sunrise-sunset Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC

Using agency. U. S. Air Force, 924th Fighter Group, Bergstrom Air Reserve Station, TX
USING AGENCY CHANGED 5/25/95

Tiger North MOA, ND
Boundaries. Beginning at lat. 49°00'00"N., long. 100°15'01"W.; eastward along the U.S./Canadian Border; to lat. 49°00'00"N., long. 98°10'01"W.; to lat. 48°32'00"N., long. 98°10'01"W.; to lat. 48°30'00"N., long. 99° 13'Ol"W.; to lat. 48°41'00"N., long. 100° 15'Ol"W.; to the point of beginning.
Altitudes. 300 feet AGL to but not including FL 180, excluding the airspace at and below 1,500 feet AGL within a 3 NM radius of the Rollete, Rolla, and Robertson Airports; and excluding the airspace below 3,000 feet AGL within that portion of the MOA north of lat. 48°55'00"N. and west of long. 99°41'02"W.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC
Using agency. 25th Air Division, McChord AFB, WA
TIMES OF USE CHANGED 7/27/89

Tiger South MOA, ND
Boundaries. Beginning at lat. 48°41'00"N., long. 100"15'01"W.; to lat. 48°30'00"N., long. 99°13'01"W.; to lat. 48°32'00"N., long. 98°10'01"W.; to lat. 48°08'00"N., long. 98°10'01"W.; to lat. 48" 17'00"N., long. 100° 15'Ol"W.; to the point of beginning.
Altitudes. 6,000 feet MSL to but not including FL 180.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC
Using agency. 25th Air Division, McChord AFB, WA
TIMES OF USE CHANGED 7/27/89

Tilford MOA, SD
Boundaries. Beginning at lat. 44°37'40"N., long. 103° 12'29"W.; thence clockwise via Rapid City VORTAC 40 NM arc to lat. 44°33'49"N., long. 102°34'27"W.; to lat. 44"17'08"N., long. 102°47'08"W.; thence counterclockwise via Rapid City VORTAC 21 NM arc to lat. 44° 19'06"N., long. 103°06'49"W.; to the point of beginning.
Altitudes. 12,000 feet MSL to but not including FL 180.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Denver ARTCC
Using agency. Ellsworth AFB, SD Det. 64 Flying Training Wing, Reese AFB, TX

Tombstone A MOA, AZ
Boundaries. Beginning at lat. 31°56'45"N., long. 109°43'36"W.; to lat. 31°52'34"N., long. 109°02'47"W.; to lat. 31°47'00"N., long. 109°02'47"W.; to lat. 31°38'14"N., long. 109°22'53"W.; thence via the 15 DME arc of the Douglas, AZ, VORTAC to lat. 31°43'20"N., long. 109°34'34"W.; to lat. 31°43'35"N., long. 109°41'02"W.; to lat. 31°40'40"N., long. 109°48'22"W.; to lat. 31°42'15"N., long. 109°52'32"W.; to lat. 31°48'05"N., long. 109°54'47"W.; to the point of beginning.
Altitudes. 500 feet AGL to but not including 14,500 feet MSL.
Times of use. 0600-2100 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC
Using agency. U.S. Air Force, 355th Wing, Davis-Monthan AFB, AZ
USING AGENCY CHANGED 6/23/94

Tombstone B MOA, AZ
Boundaries. Beginning at lat. 31°30'00"N., long. 109°21'12"W.; to lat. 31°38'50"N., long. 109°00'02"W.; to lat. 31°42'15"N., long. 108°47'02"W.; to lat. 31°50'05"N., long. 108°31'02"W.; to lat. 31°49'00"N., long. 108°12'02"W.; to lat. 31°20'00"N., long. 108°12'02"W.; to lat. 31°20'00"N., long. 109°21'12"W.; to the point of beginning.
Altitudes. 500 feet AGL to but not including 14,500 feet MSL.
Times of use. 0600-2100 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC
Using agency. U.S. Air Force, 355th Wing, Davis-Monthan AFB, AZ
USING AGENCY CHANGED 6/23/94

Tombstone C MOA, AZ
Boundaries. Beginning at lat. 31°53'15"N., long. 110°00'02"W.; to lat. 31°55'00"N., long. 109°58'02"W.; to lat. 31°57'00"N., long. 109°46'02"W.; to lat. 31°51'00"N., long. 108°48'02"W.; to lat. 31°49'00"N., long. 108°.12'02"W.; to lat. 31°20'00"N., long. 108°12'02"W.; to lat. 31°20'00"N., long. 110°00'02"W.; to the point of beginning.
Altitudes. 14,500 feet MSL to but not including FL 180.
Times of use. 0600–2100 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC
Using agency. U.S. Air Force, 355th Wing, Davis-Monthan AFB, AZ
USING AGENCY CHANGED 6/23/94

Truman A MOA, MO
Boundaries. Beginning at lat. 38°59'00"N., long. 93°45'01"W.; to lat. 38°56'00"N., long. 92°59'01"W.; to lat. 38°41'30"N., long. 92°37'15"W.; to lat. 38°30'00"N.,

long. 93°44'58"W.; to lat. 38°49'30"N., long. 93°54'31"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. 0600–2400 local time daily; other times by NOTAM.
Controlling agency. FAA, Kansas City ARTCC
Using agency. U.S. Air Force, 442nd Tactical Fighter Wing, Richards-Gebaur AFB, MO
BOUNDARIES CHANGED 6/23/94

"human B MOA, MO
Boundaries. Beginning at lat. 38°30'00"N., long. 93°44'58"W.; to lat. 38°41'30"N., long. 92°37'15"W.; to lat. 38°40'00"N., long. 92°35'01"W.; to lat. 38°21'50"N., long. 92°47'51"W.; to lat. 38°24'00"N., long. 93°02'01"W.; to lat. 38°15'00"N., long. 93°37'01"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. 0600–2400 local time daily; other times by NOTAM.
Controlling agency. FAA, Kansas City ARTCC
Using agency. U.S. Air Force, 442nd Tactical Fighter Wing, Richards-Gebaur AFB, MO
BOUNDARIES CHANGED 6/23/94

Truman C MOA, MO
Boundaries. Beginning at lat. 38°15'00"N., long. 93°37'01"W.; to lat. 38°24'00"N., long. 93°02'01"W.; to lat. 38°21'50"N., long. 92°47'51"W.; to lat. 38°02'00"N., long. 93°00'01"W.; to lat. 38°00'00"N., long. 93°29'01"W.; to the point of beginning.
Altitudes. 500 feet AGL to but not including FL 180; excluding the airspace below 1,500 feet AGL within a 3NM radius of the town of Warsaw, MO.
Times of use. 0600-2400 local time daily; other times by NOTAM.
Controlling agency. FAA, Kansas City ARTCC
Using agency. U.S. Air Force, 442nd Tactical Fighter Wing, Richards-Gebaur AFB, MO
REVISED 12/1 0/92

Turtle MOA, AZ
Boundaries. Beginning at lat. 34° 42'00"N., long. 115°16'03"W.; to lat. 34°40'00"N., long. 114°00'03"W.; to lat. 34°23'00"N., long. 114°00'03"W.; to lat. 34°14'00"N., long. 114°30'03"W.; to lat. 34°14'00"N., long. 115°30'03"W.; to lat. 34° 19'00"N., long. 115 ° 25 '03" W.; to the point of beginning.
Altitudes. 11,000 feet MSL to but not including FL 180.
Times of use. 0600–1600 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC
Using agency. Marine Corps Air Station, Yuma, AZ

Twelve Mile MOA, IN
Boundaries. Beginning at lat. 41 °03'00"N., long. 86°40'00"W.; to lat. 40°58'00"N., long. 86°10'00"W.; to lat. 40°47'00"N., long. 86°16'00"W.; to lat. 40°57'00"N., long. 86°41'00"W.; to the point of beginning.
Altitudes. 500 feet AGL to but not including 9,000 feet MSL.
Times of use. Tuesday-Saturday 0900–sunset+30; other times by NOTAM.
Controlling agency. FAA, Indianapolis ARTCC
Using agency. 122 Tactical Fighter Wing, Indiana Air National Guard, Fort Wayne, IN

Tyndall B MOA, FL
Boundaries. Beginning at lat. 30°40'21 "N., long. 85°54'00"W.; to lat. 30°23'21"N., long. 85°37'40"W.; to lat. 30°43'21"N., long. 85°35'00"W.; to lat. 30°17'12"N., long. 85°23'17"W.; to lat. 30°20'21"N., long. 85°28'00"W.; to lat. 30°21'01"N., long. 85°41'30"W.; to the point of beginning.
Altitudes. 9,000 feet MSL to but not including FL 180.
Times of use. Intermittent, sunrise to sunset, Monday-Friday; other times by NOTAM.
Controlling agency. Tyndall Radar Approach Control.
Using agency. U.S. Air Force, 325 OSS/OSOS, Tyndall AFB, FL.
REVISED 10/1 3/94

Tyndall C MOA, FL
Boundaries. Beginning at lat. 30°43'21"N., long. 85°35'00"W.; to lat. 30°43'01"N., long. 85° 13'OO"W.; to lat. 30°26'21"N., long. 84°55'00"W.; to lat. 30°14'31"N., long. 85°21'40"W.; to lat. 30°17'12"N., long. 85°23'17"W.; to the point of beginning.
Altitudes. 300 feet AGL to 6,000 feet MSL; excluding the airspace 1,500 feet AGL and below within a 3 NM radius of Blountstown Airport.
Times of use. Intermittent, sunrise to sunset, Monday-Friday; other times by NOTAM.
Controlling agency. Tyndall Radar Approach Control.
Using agency. U.S. Air Force, 325 OSS/OSOS, Tyndall AFB, FL
REVISED 10/1 3/94

Tyndall D MOA, FL
Boundaries. Beginning at lat. 30° 14'3 1 "N., long. 85°21'40"W.; to lat. 30°26'21"N., long. 84°55'00"W.; to lat. 30°14'46"N., long. 84°44'10"W.; to lat. 30°07'01"N., long. 85° 18'45"W.; to the point of beginning.
Altitudes. 300 feet AGL to 6,000 feet MSL.

Times of use. Intermittent, sunrise to sunset, Monday-Friday; other times by NOTAM.
Controlling agency. Tyndall Radar Approach Control.
Using agency. U.S. Air Force, 325 OSS/OSOS, Tyndall AFB, FL.
REVISED 10/1 3/94

Tyndall E MOA, FL
Boundaries. Beginning at lat. 30°07'01 "N., long. 85°18'45"W.; to lat. 30°14'46"N., long. 84°44'10"W.; to lat. 30°00'01"N., long. 84°32'00"W.; to lat. 29°52'16"N., long. 84°33'30"W.; to lat. 29°52'31"N., long. 84°35'00"W.; to lat. 29°40'01"N., long. 84°58'30"W.; to lat. 29°48'41"N., long. 85°11'50"W.; to the point of beginning.
Altitudes. 300 feet AGL to but not including FL 180; excluding the airspace 1,500 feet AGL and below within a 3 NM radius of the Apalachicola and Carrabell-Thompson Airports.
Times of use. Intermittent, sunrise to sunset, Monday-Friday; other times by NOTAM.
Controlling agency. Tyndall Radar Approach Control.
Using agency. U.S. Air Force, 325 OSS/OSOS, Tyndall AFB, FL.
REVISED10/1 3/94

'Qndall F MOA, FL
Boundaries. Beginning at lat. 29°57'33"N., long. 85°15'10"W.; to lat. 29°48'41"N., long, 85°11'50"W.; to lat. 29°40'01"N., long. 84°58'30"W.; to lat. 29°32'41"N., long. 84°58'00"W.; to lat. 29'32'3 1 "N., long. 85 °00'00"W.; thence West 3 NM from and parallel to the shoreline to lat. 29°48'01"N., long. 85°28'26"W.; to the point of beginning.
Altitudes. 300 feet AGL to but not including FL 180; excluding the airspace 1,500 feet AGL and below within a 3 NM radius of the Apalachicola and Costin Airports.
Times of use. Intermittent, sunrise to sunset, Monday-Friday; other times by NOTAM.
Co&rolling agency. Tyndall Radar Approach Control.
Using agency. U.S. Air Force, 325 OSS/OSOS, Tyndall AFB, FL.
REVISED 10/1 3/94

Tyndall G MOA, FL
Boundaries. Beginning at lat. 29°32'41"N., long. 84°58'00"W.; to lat. 29°40'01"N., long. 84°58'30"W.; to lat. 29°52'31"N., long. 84°35'00"W.; to lat. 29°52'16"N., long. 84°33'30"W.; to lat. 30°00'01"N., long. 84°32'00"W.; to lat. 29°51'01"N., long. 84°24'30"W.; to lat. 29°44'43"N., long. 84°34'42"W.; thence West 3 NM from and parallel to the shoreline to lat. 29°32'41"N., long. 84°58'00"W.; to the point of beginning.
Altitudes. 1,000 feet AGL to but not including FL 180; excluding the airspace 1,500 feet AGL and below within a 3 NM radius of the Carrabell-Thompson and St. George Island Airports.
Times of use. Intermittent, sunrise to sunset, Monday-Friday; other times by NOTAM.
Controlling agency. 'Qndall Radar Approach Control.
Using agency. U.S. Air Force, 325 OSS/OSOS, Tyndall AFB, FL.
REVISED 10/1 3/94

Tyndall H MOA, FL
Boundaries. Beginning at lat. 30'43'21 "N., long. 85°35'00"W.; to lat. 30°43'01"N., long. 85°13'00"W.; to lat. 30°26'21"N., long. 84°55'00"W.; to lat. 30°14'31"N., long. 85°21'40"W.; to lat. 30°17'12"N., long. 85°23'17"W.; to the point of beginning.
Altitudes. 9,000 feet MSL to but not including FL 180.
Times of use. Intermittent, sunrise to sunset, Monday-Friday; other times by NOTAM.
Controlling agency. Tyndall Radar Approach Control.
Using agency. U.S. Air Force, 325 OSS/OSOS, Tyndall AFB, FL.
ADDED 10/1 3/94

Valentine MOA, TX
Boundaries. Beginning at lat. 30°55'30"N., long. 105° 11'47"W.; to lat. 30°55'30"N., long. 104°48'32"W.; to lat. 31°03'00"N., long. 104°36'32"W.; to lat. 31 °04'00"N., long. 104°24'32"W.; to lat. 30°57'31"N., long. 104°09'32"W.; to lat. 30°3 1'3 1 "N., long. 104°09'32"W.; to lat. 30°26'01"N., long. 104°05'32"W.; to lat. 29°45'31"N., long. 104°27'02"W.; to lat. 29°45'31"N., long. 104°34'02"W.; thence north and west along the U.S./Mexico border to lat. 30°47'16"N., long. 105 °12'02"W., to the point of beginning.
Altitudes. 15,000 feet MSL to but not including FL 180.
Times of use. Normally, sunrise-sunset Monday-Friday.
Controlling agency. FAA, Albuquerque ARTCC
Using agency. 49th Tactical Fighter Wing, Holloman AFB, NM

Vance 1A MOA, OK
Boundaries. Beginning at lat. 35°50'00"N., long. 98°20'01"W.; to lat. 35°49'00"N., long. 98°30'01"W.; to lat. 35°50'00"N., long. 99°23'01"W.; to lat. 35°53'00"N., long. 99°25'01"W.; to lat. 35°52'09"N., long. 99°40'29"W.; thence clockwise via the 90 NM arc of the Vance AFB, OK, TACAN (lat. 36°20'44"N., long. 97°55'08"W.), to lat. 37°16'50"N., long. 99°22'46"W.; to

lat. 37°22'00"N., long. 98°57'01"W.; to lat. 37°04'35"N., long. 98°12'01"W.; to lat. 37°04'30"N., long. 98°15'01 "W.; to lat. 36°52'00"N., long. 98°34'01"W.; to lat. 36°35'00"N., long. 98°11'01"W.; to lat. 36°36'00"N., long. 97°49'31"W.; to lat. 36°20'40"N., long. 97°55'07"W.; to the point of beginning.

Altitudes. 7,000 feet MSL to but not including FL 180.

Times of use. One hour before sunrise to one hour after sunset, Monday-Friday; other times by NOTAM.

Controlling agency. FAA, Kansas City ARTCC

Using agency. 7 1 st Flying Training Wing, Vance AFB, OK

ALTITUDES CHANGED 5/27/93

Vance 1B MOA, OK

Boundaries. Beginning at lat. 35°50'00"N., long. 98°20'01"W.; to lat. 36°20'40"N., long. 97°55'07"W.; to lat. 36°36'00"N., long. 97'49'31 "W.; to lat. 36°35'00"N., long. 98° 11'01 "W.; to lat. 36°52'00"N., long. 98°34'01"W.; to lat. 37°04'30"N., long. 98°15'01"W.; to lat. 37°05'00"N., long. 98°00'01"W.; to lat. 36°50'00"N., long. 97°23'01"W.; to lat. 36°28'00"N., long. 97°23'01 "W.; to lat. 36°02'00"N., long. 97°35'01"W.; to lat. 35°53'00"N., long. 98°01'01"W.; to the point of beginning.

Altitudes. 7,000 feet MSL to but not including FL 180.

Times of use. One hour before sunrise to one hour after sunset, Monday-Friday; other times by NOTAM.

Controlling agency. FAA, Kansas City ARTCC

Using agency. 7 1 st Flying Training Wing, Vance AFB, OK

ALTITUDES CHANGED 5/27/93

Volk East MOA, WI

Boundaries. Beginning at lat. 44°24'00"N., long. 89°00'00"W.; to lat. 43°36'00"N., long. 89°00'00"W.; to lat. 43°40'00"N., long. 89°46'15"W.; to lat. 44°10'00"N., long. 89°59'00"W.; to lat. 44°27'00"N., long. 89°59'00"W.; to the point of beginning.

Altitudes. 8,000 feet MSL to but not including FL 180.

Times of use. Intermittent 1200-2000 Tuesday, 0800-1600 Wednesday-Saturday; other times by NOTAM.

Controlling agency. FAA, Chicago ARTCC

Using agency. USAF, Air National Guard, Volk Field Combat Readiness Training Center, WI

ADDED 3/3/94

Volk South MOA, WI

Boundaries. Beginning at lat. 44° 10'00"N., long. 89°59'00"W.; to lat. 43°40'00"N., long. 89°46'15"W.; to lat. 44°00'00"N., long. 90°26'00"W.; to lat. 44°00'00"N., long. 90°35'15"W.; to lat. 44°00'02"N., long. 90°35'15"W.; to lat. 44°00'02"N., long. 90°36'35"W.; to lat. 44°00'10"N., long. 90°36'41"W.; to lat. 44°01'19"N., long. 90°36'42"W.; thence clockwise along an arc with a 16 NM radius centered at lat. 43°56'35"N., long. 90°15'32"W.; to lat. 44°12'15"N., long. 90°11'00"W.; to lat. 44°10'00"N., long. 90°11'00"W.; to the point of beginning.

Altitudes. 500 feet AGL to but not including FL 180, excluding that airspace 1,500 feet AGL and below within a 3 NM radius of the Necedah Airport. WI, Bloyer Field Airport, Tomah, WI, and Mauston-New Lisbon Union Airport, New Lisbon, WI.

Times of use. Intermittent 1200-2000 Tuesday, 0800-1600 Wednesday-Saturday; other times by NOTAM.

Controlling agency. FAA, Chicago ARTCC

Using agency. Air National Guard, Volk Field Combat Readiness Training Center, WI

ADDED 3/3/94

Volk West MOA, WI

Boundaries. Beginning at lat. 44°27'00"N., long. 89°59'00"W.; to lat. 44°10'00"N., long. 89°59'00"W.; to lat. 44°10'00"N., long. 90°11'00"W.; to lat. 44" 12'15"N., long. 90°11'00"W.; thence counterclockwise along an arc with a 16 NM radius centered at lat. 43 °56'35"N., long. 90°15'32"W.; to lat. 44°01'19"N., long. 90°36'42"W.; to lat. 44°09'36"N., long. 90°36'50"W.; to lat. 44°09'36"N., long. 90°40'22"W.; to lat. 44°08'40"N., long. 90°40'22"W.; to lat. 44°08'40"N., long. 90°44'20"W.; to lat. 44°28'00"N., long. 90°35'00"W.; to the point of beginning, excluding R–6904A and R-6904B when activated.

Altitudes. 100 feet AGL to but not including FL 180.

Times of use. Intermittent 1200-2000 Tuesday, 0800–1600 Wednesday-Saturday; other times by NOTAM.

Controlling agency. FAA, Minneapolis ARTCC

Using agency. USAF, Air National Guard, Volk Field Combat Readiness Training Center, WI

ADDED 3/3/94

Warrior 1 High MOA, LA

Boundaries. Beginning at lat. 31°17'10"N., long. 93°48'00"W.; to lat. 31°30'00"N., long. 93°39'00"W.; to lat. 31°30'00"N., long. 93°08'00"W.; to lat. 31°27'31 "N., long. 93'03'01 "W.; to lat. 3 1 °23'41 "N., long. 93°05'46"W.; to lat. 31°22'36"N., long. 93°04'00"W.; to lat. 3 1°18'45"N., long. 93°04'00"W.; to lat. 3 1°18'30"N., long ,. 93°09'00"W.; to lat. 31 ° 17'45"N., long. 93 ° 3 1'30" W.; to the point of beginning, excluding R-3803A when activated.

Altitudes. 10,000 feet MSL to but not including FL 180.

Times of use. 0400-1900, Monday-Friday, other times by NOTAM.

Controlling agency. FAA, Houston ARTCC
Using agency. U.S. Army, Commander, Joint Readiness Training Center, Fort Polk, LA
ADDED 9/16/93

Warrior 1 Low MOA, LA
Boundaries. Beginning at lat. 31°17'10"N., long. 93°48'OO"W.; to lat. 31°30'00"N., long. 93°39'00"W.; to lat. 31°30'00"N., long. 93°08'00"W.; to lat. 31°27'31"N., long. 93°03'01"W.; to lat. 31°23'41"N., long. 93°05'46"W.; to lat. 31°22'36"N., long. 93°04'00"W.; to lat. 31°18'45"N., long. 93°04'00"W.; to lat. 31°18'30"N., long. 93°09'00"W.; to lat. 31°17'45"N., long. 93°31'30"W.; to the point of beginning, excluding R-3803A when activated.
Altitudes. 200 feet AGL to but not including 10,000 feet MSL.
Times of use. 0400-1900, Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Houston ARTCC
Using agency. U.S. Army, Commander, Joint Readiness Training Center, Fort Polk, LA
'ADDED 9/16/93

Warrior 2 High MOA, LA
Boundaries. Beginning at lat. 31°22'36"N., long. 93°04'00"W.; to lat. 31°16'41"N., long. 92°54'31"W.; to lat. 31°13'56"N., long, 92°49'46"W.; to lat. 31°05'16"N., long. 92'34'51 "W.; to lat. 31°12'00"N., long. 92°30'00"W.; to lat. 31°06'00"N., long. 92°24'00"W.; to lat. 31°00'00"N., long. 92°23'30"W.; to lat. 31°00'00"N., long. 93°08'00"W.; to lat. 31°18'30"N., long. 93°09'00"W.; to lat. 31°18'45"N., long. 93°04'00"W.; to the point of beginning, excluding R-3804A when activated.
Altitudes. 10,000 feet MSL to but not including FL 180 MSL.
Times of use. 0400–1900, Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Houston ARTCC
Using agency. U.S. Army, Commander, Joint Readiness Training Center, Fort Polk, LA
BOUNDARIES CHANGED 3/30/95

Warrior 2 Low MOA, LA
Boundaries. Beginning at lat. 31°22'36"N., long. 93°04'00"W.; to lat. 31°16'41"N., long. 92'54'31 "W.; to lat. 31°13'56"N., long. 92°49'46"W.; to lat. 31°05'16"N., long. 92°34'51 "W.; to lat. 31°12'00"N., long. 92°30'00"W.; to lat. 31°06'00"N., long. 92°24'00"W.; to lat. 3'1°00'00"N., long. 92°23'30"W.; to lat. 31°00'00"N., long. 93°08'00"W.; to lat. 31°18'30"N., long. 93°09'00"W.; to lat. 31°18'45"N., long. 93°04'00"W.; to the point of beginning, excluding that airspace at and below 1,500 feet AGL within a 3 NM radius of the Woodworth (1R4) Airport, Woodworth, LA, (lat. 31°07'46"N., long. 92'30'01 "W.) excluding R-3804A and R-3804B when activated.
Altitudes. 200 feet AGL to but not including 10,000 feet MSL.
Times of use. 0400-1900, Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Houston ARTCC
Using agency. U.S. Army, Commander, Joint Readiness Training Center, Fort Polk, LA
BOUNDARIES CHANGED 3/30/95

Warrior 3 High MOA, LA
Boundaries. Beginning at lat. 31°00'00"N., long. 93°05'00"W.; to lat. 31°00'00"N., long. 92°23'30"W.; to lat. 30°45'56"N., long. 92°22'58"W.; to lat. 30°30'00"N., long. 92°46'30"W.; to lat. 30°30'00"N., long. 93°14'00"W.; to lat. 30°43'55"N., long. 93°14'00"W.; to lat. 30°43'50"N., long. 93°00'00"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. 0400-1900, Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Houston ARTCC
Using agency. U.S. Army, Commander, Joint Readiness Training Center, Fort Polk, LA
ADDED 9/1 6/93

Warrior 3 Low MOA, LA
Boundaries. Beginning at lat. 31°00'00"N., long. 93°05'00"W.; to lat. 31°00'00"N., long. 92°23'30"W.; to lat. 30°45'56"N., long. 92°22'58"W.; to lat. 30°30'00"N., long. 92°46'30"W.; to' lat. 30°30'00"N., long. 93°14'00"W.; to lat. 30°43'55"N., long. 93°14'00"W.; to lat. 30°43'50"N., long. 93°00'00"W.; to the point of beginning, excluding that airspace at and below 1,500 feet AGL within a 3 NM radius of the Allen Parish (LA31) Airport, Oakdale, LA, (lat. 30°45'03"N., long. 92°41'20"W.) and the Mamou (LA25) Airport, Mamou, LA, (lat. 30°42'05"N., long. 92°26'00"W.) and that airspace at and below 1,500 feet AGL within a 2 NM radius of the City of Elizabeth, LA.
Altitudes. 200 feet AGL to but not including 10,000 feet MSL.
Times of use. 0400-1900, Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Houston ARTCC
Using agency. U.S. Army, Commander, Joint Readiness Training Center, Fort Polk, LA

ADDED 9/1 6/93

Warrior 4 High MOA, LA
Boundaries. Beginning at lat. 31°17'10"N., long. 93°48'00"W.; to lat. 31°17'45"N., long. 93°31'30"W.; to lat. 31°07'00"N., long. 93°31'30"W.; to lat. 30°44'00"N., long. 93°24'30"W.; to lat. 30°43'55"N., long. 93°14'00"W.; to lat. 30°30'00"N., long. 93° 14'OO"W.; to lat. 30°30'00"N., long. 93°35'30"W.; to lat. 31°07'00"N., long. 93° 56'OO"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. 0400–1900, Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Houston ARTCC
Using agency. U.S. Army, Commander, Joint Readiness Training Center, Fort Polk, LA
ADDED 9/1 6/93

Warrior 4 Low MOA, LA
Boundaries. Beginning at lat. 31°17'10"N., long. 93°48'00"W.; to lat. 31°17'45"N., long. 93°31'30"W.; to lat. 31°07'00"N., long. 93°31'30"W.; to lat. 30°44'00"N., long. 93°24'30"W.; to lat. 30°43'55"N., long. 93°14'00"W.; to lat. 30°30'00"N., long. 93°14'00"W.; to lat. 30°30'00"N., long. 93°35'30"W.; to lat. 31°07'00"N., long. 93°56'00"W.; to the point of beginning, excluding that airspace at and below 1,500 feet AGL within a 3 NM radius of the Newton (61R) Airport, Newton, TX (lat. 30°53'04"N., long. 93°44'31"W.).
Altitudes. 200 feet AGL to but not including 10,000 feet MSL.
Times of use. 0400-1900, Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Houston ARTCC
Using agency. U.S. Army, Commander, Joint Readiness Training Center, Fort Polk, LA
ADDED 9/1 6/93

Warrior 5 High MOA, LA
Boundaries. Beginning at lat. 31°17'45"N., long. 93°31'30"W.; to lat. 31°18'30"N., long. 93°09'00"W.; to lat. 31°00'00"N., long. 93°08'00"W.; to lat. 31°00'00"N., long. 93°05'00"W.; to lat. 30°43'50"N., long. 93°00'00"W.; to lat. 30°43'55"N., long. 93°14'00"W.; to lat.' 30°44'00"N., long. 93°24'30"W.; to lat. 31°07'00"N., long. 93°31'30"W.; to the point of beginning, excluding R-3804A when activated.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. 0400-1900, Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Houston ARTCC
Using agency. U.S. Army, Commander, Joint Readiness Training Center, Fort Polk, LA
ADDED 9/1 6/93

Warrior 5 Low MOA, LA
Boundaries. Beginning at lat. 31° 17'45"N., long. 93°31'30"W.; to lat. 31°18'30"N., long. 93°09'00"W.; to lat. 31°00'00"N., long. 93°08'00"W.; to lat. 31°00'00"N., long. 93°05'00"W.; to lat. 30°43'50"N., long. 93°00'00"W.; to lat. 30°43'55"N., long. 93°14'00"W.; to lat. 30°44'00"N., long. 93°24'30"W.; to lat. 31°07'00"N., long. 93°31'30"W.; to the point of beginning, excluding that airspace at and below 1,500 feet AGL within a 3 NM radius of the Leesville (LA24) Airport, Leesville, LA, (lat. 31° 10'02"N., long. 93°20'32"W.) and the Beauregard Parish (DRI) Airport DeRidder, LA, (lat. 30°50'02"N., long. 93°20'21"W.), excluding R-3804A and R-3804B when activated.
Altitudes. 200 feet AGL to but not including 10,000 feet MSL.
Times of use. 0400-1900, Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Houston ARTCC
Using agency. U.S. Army, Commander, Joint Readiness Training Center, Fort Polk, LA
ADDED 9/1 6/93

Washita MOA, OK
Boundaries. Beginning at lat. 35°10'14"N., long. 98°50'5 1 "W.; thence clockwise via the 72 NM arc of the SPS VORTAC to lat. 35°10'00"N., long. 98°22'01"W.; to lat. 35°03'00"N., long. 98°12'01"W.; to lat. 35°00'01"N., long. 98°04'13"W.; to lat. 34°45'18"N., long. 98°11'54"W.; to lat. 34°47'00"N., long. 98°17'46"W.; to lat. 34°46'15"N., long. 98°25'01"W.; to lat. 34°45'03"N., long. 98°29'46"W.; thence counterclockwise via the 46 NM arc of the SPS VORTAC to lat. 34°44'36"N., long. 98° 45' 17"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. One hour before sunrise to one hour after sunset, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC
Using agency. U.S. Air Force, 80th Flying Training Wing, Sheppard AFB, TX
ALTITUDES AND TIMES OF USE CHANGED 4/25/96

Westover 1 MOA, TX
Boundaries. Beginning at lat. 34°02'13"N., long. 99°05'28"W.; to lat. 33°53'30"N., long. 99°02'01"W.; to lat. 33°38'42"N., long. 98° 52'47"W.; to lat. 33°20'08"N., long. 99°02'28"W.; to lat. 33" 11'45"N., long. 99°08'01"W.; to lat. 33°06'10"N., long. 99°14'09"W.;

thence clockwise via the 62 NM arc of the SPS VORTAC to lat. 34°11'42"N., long. 99°48'44"W.; to the point of beginning.
Altitudes. 9,000 feet MSL to but not including FL 180.
Times of use. One hour before sunrise to one hour after sunset, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC
Using agency. U.S. Air Force, 80th Flying Training Wing (ATC), Sheppard AFB, Wichita Falls, TX
ADDED 2/9/89

Westover 2 MOA, TX
Boundaries. Beginning at lat. 33°06'10"N., long. 99°14'09"W.; to lat. 32°51'58"N., long. 99°29'53"W.; thence clockwise via the 81 NM arc of the SPS VORTAC to lat. 33°16'30"N., long. 99°58'31"W.; to lat. 33°37'38"N., long. 100°09'18" W.; thence clockwise via the 8 1 NM arc of the SPS VORTAC to lat. 33°50'07"N., long. 100° 12'19"W.; to lat. 33°49'32"N., long. 100°35'11"W.; thence clockwise via the 100 NM arc of the SPS VORTAC to lat. 34°20'50"N., long. 100°33'17"W.; to lat. 34° 17'43"N., long. 100°15'34"W.; to lat. 34°11'42"N., long. 99° 48'44"W.; thence counterclockwise via the 62 NM arc of the SPS VORTAC to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. One hour before sunrise to one hour after sunset, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC.
Using agency. U.S. Air Force, 80th Flying Training Wing (ATC), Sheppard AFB, Wichita Falls, TX.

Whitmore 1 MOA, CA
Boundaries. The area between the Red Bluff, CA, VORTAC 010° and 070° radials from the 10 NM DME arc to the 35 NM DME arc.
Altitudes. 11,000 feet MSL to but not including FL 180.
Times of use. 0730-l 630 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC
Using agency. U.S. Air Force, Commanding Officer, Beale AFB, CA
USING AGENCY CHANGED 11 I l l /93

Whitmore 2 MOA, CA
Boundaries. The area between the Red Bluff, CA, VORTAC 010° and 040° radials from the 35 NM DME arc to the 60 NM DME arc.
Altitudes. 11,000 feet MSL to but not including FL 180.
Times of use. 0730-1630 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC
Using agency. U.S. Air Force, Commanding Officer, Beale AFB, CA
USING AGENCY CHANGED 11 I l l /93

Whitmore 3 MOA, CA
Boundaries. The area between the Red Bluff, CA, VORTAC 040° and 070° radials from the 35 NM DME arc to the 60 NM DME arc.
Altitudes. 11,000 feet MSL to but not including FL 180.
Times of use. 0730-1630 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC
Using agency. U.S. Air Force, Commanding Officer, Beale AFB, CA
USING AGENCY CHANGED 11/11/93

Yankee 1 MOA, NH
Boundaries. Beginning at lat. 43°43'15"N., long. 71°59'58"W.; to lat. 44°09'00"N., long. 72°16'58"W.; to lat. 44°32'00"N., long. 71°51'58"W.; to lat. 44°38'00"N., long. 71°22'58"W.; to lat. 44°16'00"N., long. 71 °07'58"W.; to lat. 43°39'00"N., long. 71°26'58"W.; to the point of beginning.
Altitudes, 9,000 feet MSL to but not including FL 180.
Times of use. Sunrise-sunset; other times by NOTAM.
Controlling agency. FAA, Boston ARTCC, MA
Using agency. 103rd Tactical Fighter Group, Tactical Air Command, Bradley Air National Guard Base, CT

Yankee 2 MOA, NH
Boundaries. Beginning at lat. 43°42'06"N., long. 71°50'58"W., to lat. 43°39'00"N., long. 71°26'58"W., to lat. 44°04'49"N., long. 71°13'46"W., thence northwest along Route 302 to lat. 44°16'00"N., long. 71°28'58"W., to lat. 44°15'00"N., long. 71°30'58"W., to lat. 44°06'00"N., long. 71°59'58"W., to lat. 44°00'00"N., long. 71°59'58"W., to lat. 43°53'00"N., long. 71°50'58"W., to the point of beginning.
Altitudes. 100 feet AGL to but not including 9,000 feet MSL.
Times of use. Sunrise-sunset; other times by NOTAM.
Controlling agency. FAA, Boston ARTCC
Using agency. 103 Tactical Fighter Group, Bradley Air National Guard Base, CT 104 Tactical Fighter Group, Barnes Municipal Airport, MA

Yukon 1 MOA, AK
Boundaries. Beginning at lat. 64°46'11"N., long. 146°46'49"W.; to lat. 64°49'59"N., long. 146°23'09"W.; to lat. 64°49'59"N., long. 146°00'09"W.; to lat. 64°59'59"N., long. 146°00'09"W.; to lat. 64°59'59"N., long. 143°00'08"W.; to lat. 63°59'59"N., long. 144°00'08"W.; to lat. 64°33'23"N., long. 146°18'39"W.;

to lat. 64°33'23"N., long. 146°46'09"W.; to lat. 64" 34'24"N., long. 146°47'29"W.; to the point of beginning (excluding that portion wholly contained by R-2205 when active).

Altitudes. Surface to but not including FL 180.

Times of use. 0800-1800 Monday-Friday; other times by NOTAM.

Controlling agency. FAA, Anchorage ARTCC

Using agency. USAF, 354 FW, Eielson AFB, AK.

USING AGENCY CHANGED 3/30/95

Yukon 2 MOA, AK

Boundaries. Beginning at lat. 66°09'59"N., long. 145°05'09"W.; to lat. 66°09'59"N., long. 143°00'09"W.; to lat. 64°59'59"N., long. 143°00'08"W.; to lat. 64°59'59"N., long. 146°00'09"W.; to lat. 65°22'59"N., long. 146°00'09"W.; to the point of beginning.

Altitudes. 100 feet AGL to but not including FL 180, excluding surface to 2,000 feet AGL in the area beginning at lat. 65°27'03"N., long. 145°55'32"W.; to lat. 65°34'59"N., long. 145°30'09"W.; to lat. 65°39'59"N., long. 144°35'09"W.; to lat. 65°51'59"N., long. 144°05'09"W.; to lat. 65°51'59"N., long. 144°00'09"W.; to lat. 65°44'59"N., long. 144°00'09"W.; to lat. 65°20'59"N., long. 144°40'09"W.; to lat. 65°20'59"N., long. 146°00'09"W.; to lat. 65°22'59"N., long. 146°00'09"W.; to the point of beginning.

Times of use. 0800–1800 Monday-Friday; other times by NOTAM.

Controlling agency. FAA, Anchorage ARTCC

Using agency. USAF, 354 FW, Eielson AFB, AK.

USING AGENCY CHANGED 3/30/95

ALERT AREAS

Definition.
Airspace which may contain a high volume of pilot training activities or an unusual type of aerial activity, neither of which is hazardous to aircraft.Activities. Pilot training or an unusual type of aeronautical activity.

A-211 Dothan, AL
Boundaries. Beginning at lat. 30°58'01"N., long. 84°49'00"W.; to lat. 30°57'01"N., long. 85°05'00"W.; to lat. 30°52'01"N., long. 85°18'00"W.; to lat. 30°53'01"N., long. 86°30'00"W.; to lat. 30°59'01"N., long. 86°36'00"W.; to lat. 31°33'01"N., long. 86°35'00"W.; to lat. 31°51'01"N., long. 86°24'00"W.; to lat. 31°57'01"N., long. 85°42'00"W.; to lat. 31°48'01"N., long. 85°34'00"W.; to lat. 31°51'01"N., long. 85°05'00"W.; to lat. 31°37'01"N., long. 85°03'30"W.; thence south via the Chattahoochee River to lat. 31°07'01"N., long. 85°03'00"W.; to lat. 3 1°01'01 "N., long. 84°49'00"W.; to the point of beginning, excluding Restricted Area R-2103; the Fort Rucker, AL; the Dothan, AL; and the Troy, AL, Class D airspace areas.
Altitudes. From the surface to and including 5,000 feet.
Times of use. 0600-2200 Monday-Friday.
Using agency. Commander, U.S. Army, Fort Rucker, AL
BOUNDARIES CHANGED 9/16/93

A-220 McGuire AFB, NJ
Boundaries. Beginning at lat. 39°46'15"N., long. 74°24'59"W.; to lat. 39°57'15"N., long. 74" 18'44"W.; to lat. 40°05'00"N., long. 74°11'44"W.; to lat. 40" 11'45"N., long. 74°32'59"W.; to lat. 40°03'30"N., long. 74°42'59"W.; to lat. 39°49'15"N., long. 74°51'59"W.; to the point of beginning.
Altitudes. Surface to 4,500 feet MSL.
Times of use. 0800–2200.
Controlling agency. McGuire RAPCON
Using agency. Commanding Officer, McGuire APB, NJ

A-231 Luke AFB, AZ
Boundaries. Beginning at lat. 33°31'OO"N., long. 112°45'03"W.; to lat. 33°55'00"N., long. 112°45'03"W.; to lat. 33°59'00"N., long. 112°38'03"W.; to lat. 33°39'10"N., long. 112° 13'23"W.; to lat. 33°36'35"N., long. 112" 13'38"W.; to lat. 33°35'34"N., long. 112° 13'55"W.: to lat. 33°30'27"N., long. 112°19'23"W.; to lat. 33 °30'22"N., long. 112° 27'45"W.; thence clockwise via the Phoenix Luke AFB, AZ, Class D airspace area to lat. 33°31'00"N., long. 112°28'01"W.; to the point of beginning.
Altitudes. From 500 feet AGL to and including 6,500 feet MSL, excluding the airspace below 4,000 feet AGL within the Phoenix Luke AFB, AZ, Class D airspace area.
Times of use. Continuous.
Using agency. Commander, Luke APB, AZ
BOUNDARIES AND ALTITUDES CHANGED 9/16/93

A-260 Colorado Springs, CO
Boundaries. Beginning at lat. 39°02'00"N., long. 104°47'02"W.; to lat. 38°57'00"N., long. 104°47'02"W.; to lat. 38°57'00"N., long. 104°55'02"W.; to lat. 39°02'00"N., long. 104°55'02"W.; to the point of beginning, excluding the airspace below 4,000 feet AGL within the Colorado Springs USAF Academy, CO, Class D airspace area.
Altitudes. From the surface to 17,500 feet MSL.
Times of use. Daily, sunrise-sunset.
Using agency. Department of the Air Force, U.S. Air Force Academy, CO
BOUNDARIES CHANGED 9/16/93

A-291A Miami, FL
Boundaries. Beginning at lat. 26'22'3 1 "N., long. 80°21'59"W.; to lat. 26°21'01"N., long. 80°17'19"W.; to lat. 26°13'31"N., long. 80°17'19"W.; to lat. 26" 13'01"N., long. 80°23'59"W.; to the point of beginning.
Altitudes. Surface to 2,500 feet MSL.
Times of use. 0600-2400 daily.
Using agency. General aviation aircraft – no specific agency.

A-291B Miami, FL
Boundaries. Beginning at lat. 26°09'16"N., long. 80°45'59"W.; to lat. 26°08'31"N., long. 80°41'29"W.; to lat. 26°08'31"N., long. 80°37'59"W.; to lat. 26°03'41"N., long. 80°34'14"W.; to lat. 26°03'41"N., long. 80°29'59"W.; to lat. 26°00'01"N., long. 80°29'59"W.; to lat. 26°00'01"N., long. 80°45'59"W.; to the point of beginning.
Altitudes. Surface to 3,900 feet MSL.
Times of use. 0600-2400 daily.
Using agency. General aviation aircraft – no specific agency.

A-29lC Miami, FL
Boundaries. Beginning at lat. 26'08'3 1 "N., long. 80°37'59"W.; to lat. 26°08'31"N., long. 80°29'59"W.; to lat. 26'03'41 "N., long. 80°29'59"W.; to lat. 26'03'41 "N., long. 80°34'14"W.; to the point of beginning.
Altitudes. Surface to 2,500 feet MSL.
Times of use. 0600-2400 daily.

Using agency. General aviation aircraft – no specific agency.

A-291D Miami, FL
Boundaries. Beginning at lat. 25°36'31"N., long. 80°46'29"W.; to lat. 25°36'21"N., long. 80°35'14"W.; to lat. 25°23'01"N., long. 80°38'44"W.; to lat. 25°23'01"N., long. 80°46'29"W.; to the point of beginning.
Altitudes. Surface to 3,900 feet MSL.
Times of use. 0600-2400 daily.
Using agency. General aviation aircraft – no specific agency.

A-292 Pensacola, FL
Boundaries. Beginning at lat. 31°30'01"N., long. 86°45'00"W.; thence due south to the boundary of R–2915A, thence counterclockwise along the boundaries of R-2915A and R-2915B to lat. 30°19'31"N., long. 86°51'30"W.; to lat. 30°18'21"N., long. 87°00'00"W.; to lat. 30°15'01"N., long. 87°12'05"W.; to lat. 30°19'01"N., long. 87°13'25"W.; thence west along the shoreline to lat. 30°13'16"N., long. 88°01'30"W.; to lat. 30°31'01"N., long. 87°55'00"W.; thence along the shoreline to lat. 30°42'01"N., long, 88°00'00"W.; to lat. 30°50'01"N., long. 87°48'00"W.; to lat. 31°25'01"N., long. 87°18'OO"W.; to lat. 31°30'01"N., long. 86°56'00"W.; to the point of beginning.
Altitudes. Surface to 3,000 feet MSL within Federal airways; otherwise, surface to FL 175.
Times of use. Sunrise-0100 Monday-Friday; sunrise-sunset Saturday.
Using agency. Commander, Training Wing 6, Naval Air Station, Pensacola, FL

A-311 Wheeler AFB Oahu, HI
Boundaries. Beginning at lat. 21°40'40"N., long. 158°01'50"W.; to lat. 21°31'31"N., long. 158°01'56"W.; thence clockwise via the arc of a 3–mile–radius circle centered on Wheeler AFB (lat. 21°28'49"N., long. 158°02'20"W.) excluding the airspace over the Township of Wahiawa to lat. 21°29'13"N., long. 157°59'28"W.; to lat. 21°29'13"N., long. 157°58'26"W.; to lat. 21°26'37"N., long. 157°57'30"W.; to lat. 21°26'37"N., long. 157°52'50"W.; to lat. 21°41'35"N., long. 157°58'37"W.; to the point of beginning.
Altitudes. Surface to 500 feet AGL.
Times of use. 0700–2200 daily.
Using agency. 25th Infantry Division, Schofield Barracks, HI

A-371 Fort Campbell, KY
Boundaries. Beginning at lat. 36°20'30"N., long. 87°27'00"W.; thence clockwise via a 20 NM radius arc centered upon Fort Campbell AAF (lat. 36°40'22"N., long. 87°29'24"W.) to lat. 36°35'00"N., long. 87°05'30"W.; to the point of beginning.
Altitudes. Surface to 2,000 feet MSL.
Times of use. Continuous.
Using agency. U. S. Army, Commander, Campbell AAF, Ft. Campbell, KY
TIMES OF USE CHANGED AND USING AGENCY ADDED 6/1/89

A-381 Gulf Coast, Gulf of Mexico
Boundaries. Beginning at lat. 30°00'01"N., long. 89°00'00"W.; to lat. 29°00'01"N., long. 89°00'00"W.; to lat. 29°00'01"N., long. 95°00'01"W.; to lat. 30°00'01"N., long. 95°00'01"W.; to lat. 30°00'01"N., long. 92°20'00"W.; to lat. 30°15'01"N., long. 92°00'00"W.; to lat. 30°00'01"N., long. 91°41'00"W.; to the point of beginning.
Altitudes. Surface to and including 2,000 feet MSL excluding control zones.
Times of use. Daily, during daylight hours.
Using agency. General aviation aircraft – no specific agency.

A-440 Columbus AFB, MS
Boundaries. Within an 8 NM radius of the Columbus AFB Airport reference point (lat. 33°38'38"N., long. 88°26'39"W.) and within 2 NM each side of the Caledonia VORTAC 137° radial, extending from the 8 NM radius to 12 NM southeast of the VORTAC.
Altitudes. Surface to and including 6,500 feet MSL.
Times of use. Sunrise to 3 hours after sunset, Monday-Friday (weekends by NOTAM).
Using agency. 14 Flying Training Wing, Columbus AFB, MS

A-481 Nellis AFB, NV
Boundaries. Beginning at lat. 36°14'00"N., long. 115°02'03"W.; to lat. 36°16'00"N., long. 115°39'03"W.; thence clockwise via the Nellis TACAN 30 NM DME arc to the border of R-4806 thence south along the border of R-4806 to lat. 36°26'00"N., long. 115°22'03"W.; to the point of beginning.
Altitudes. 7,000 feet MSL up to and including 17,000 feet MSL.
Times of use. Sunrise-2200 daily; otherwise by NOTAM.
Using agency. Tactical Fighter Weapons Center, NV Note: High performance climbs and descents by Nellis AFB training missions.

A-530 Cherry Point, NC
Boundaries. Beginning at lat. 35°08'01"N., long. 76°51'19"W.; to lat. 34°46'01"N., long. 76°29'59"W.; to lat. 34°45'11"N., long. 76°40'29"W.; to lat. 34°42'01"N.,

long. 76°54'44"W.; to lat. 34'51'01 "N., long. 77°05'29"W.; to lat. 34°49'31"N., long. 77°09'59"W.; to lat. 35°03'01"N., long. 76°56'59"W.; to the point of beginning.
Altitudes. From surface to but not including FL 180.
Times of use. 0700–2300.
Using agency. Comanding General, U.S. Marine Corps Air Station Cherry Point, NC

A-531 Albemarle, NC
Boundaries. Beginning at lat. 35°03'OO"N, long. 79°42'00"W; to lat. 35°06'00"N, long. 80°09'00"W; to lat. 35 °39'00"N, long. 80°09'00"W; to lat. 35°36'00"N, long. 79°44'00"W; thence to point of beginning.
Altitudes. 200 feet AGL to 1,500 feet AGL.
Times of use. Intermittent, 0600-2400, Monday-Friday; Occasional, Saturday and Sunday.
Using agency. U.S. Army, Fort Bragg, NC. NOTE: Extensive Military Helicopter Training 200 feet AGL to 1,500 feet AGL.
***ADDED** 7/20/95*

A-561 Fredrick, OK
Boundaries. Beginning at lat. 34°27'30"N., long. 99°02'01"W.; to lat. 34°27'30"N., long. 98°48'01"W.; at lat. 34°15'00"N., long. 98'48'01 "W.; to lat. 34°15'00"N., long. 99'02'01 "W.; to the point of beginning.
Altitudes. Surface to 4,000 feet MSL.
Times of use. Monday-Friday, sunrise-sunset.
Using agency. Commander, Sheppard AFB, TX
***CHANGE TIME OF USE** 1/4/96*

A-562A Enid, OK
Boundaries. Beginning at lat. 36°10'00"N., long. 98°02'01"W.; to lat. 36°30'00"N., long. 98°02'01"W.; to lat. 36°30'00"N., long. 97'49'01 "W.; to lat. 36°10'00"N., long. 97 ° 49'01' 'W.; to the point of beginning, excluding the airspace between 3,000 and 4,000 feet MSL within 1/2 NM either side of to lat. 36°23'30"N.
Altitudes. Surface to and including 10,000 feet MSL.
Times of use. Sunrise to 3 hours after sunset, Monday-Friday.
Using agency. Commander, Vance AFB, OK

A-562B Enid, OK
Boundaries. Beginning at lat. 36°37'00"N., long. 97°58'01"W.; to lat. 36°37'00"N., long. 98°11'01"W.; to lat. 36°52'00"N., long. 98°11'01"W.; to lat. 36°52'00"N., long. 97°58'01"W.; to the point of beginning.
Altitudes. Surface to and including 10,000 feet MSL.
Times of use. Sunrise-sunset Monday-Friday.
Using agency. Commander, Vance AFB, OK

A-564 Camp Gruber, OK
Boundaries. Beginning at lat. 35°45'00"N., long. 95°28'01"W.; to lat. 35°45'00"N., long. 95°02'01"W.; to lat. 35°36'00"N., long. 95°02'01"W.; to lat. 35°31'00"N., long. 95°19'01"W.; to lat. 35°38'00"N., long. 95°28'01"W.; to the point of beginning.
Altitudes. Surface to 2,000 feet MSL.
Times of use. Continuous.
Using agency. U.S. Army, Oklahoma Army National Guard, Camp Gruber, OK
***ADDED** 11/16/89*

A–632A Corpus Christi, TX
Boundaries. Beginning at lat. 27°37'01"N., long, 99°04'41"W.; to lat. 27°49'31"N., long. 98°06'31"W.; to lat. 27°45'01"N., long. 98°07'01"W.; to lat. 27°44'01"N., long. 97°53'01"W.; thence counterclockwise along the 25 NM arc of the Corpus Christi VORTAC to lat. 27°3 1'01 "N., long. 97°36'01"W.; to lat. 27°05'01"N., long. 97°44'01"W.; to lat. 26°43'01"N., long. 97°51'16"W.; to lat. 26°40'01"N., long. 97°56'01"W.; to lat. 26°46'01"N., long. 98°04'01"W.; to lat. 27°21'01"N., long. 98°04'01"W.; to lat. 27°21'01"N., long. 98°39'01"W.; to lat. 27°33'01"N., long. 98°45'01"W.; to lat. 27°29'01"N., long. 99°03'01"W.; thence counterclockwise along the 20 NM arc of the Laredo VORTAC to the point of beginning.
Altitudes. 6,000 feet MSL to but not including FL 180.
Times of use. Sunrise-2300 Monday-Friday; sunrise-sunset Saturday;1200–sunset Sunday.
Using agency. Chief of Naval Air Training, Naval Air Station Corpus Christi, TX

A–632B Corpus Christi Extension, TX
Boundaries. Beginning at lat. 28°02'01"N., long. 96°48'01"W.; to lat. 28°07'01"N., long. 96°58'01"W.; to lat. 28°07'01"N., long. 96°59'21"W.; to lat. 27°58'12"N., long. 97°12'43"W.; to lat. 27°42'02"N., long. 97°22'31"W.; to lat. 27°12'01"N., long. 97°20'01"W.; to lat. 27°12'01"N., long. 97°18'01"W.; thence west along the western boundary of W-228 to the point of beginning. The Corpus Christi NAS, TX, Class D airspace area within A–632B is excluded 4,000 feet and below.
Altitudes. Surface to but not including FL 180.
Times of use. 0700-2400 Monday-Sunday.
Using agency. Chief, Naval Air Training, Naval Air Station, Corpus Christi, TX
***BOUNDARIES CHANGED** 9/1 6/93*

A–632C Corpus Christi, TX
Boundaries. Beginning at lat. 27°57'01"N., long. 97°44'01"W.; to lat. 27°34'01"N., long. 97°35'01"W.; to lat. 27°31'01"N., long. 97°36'01"W.; thence NW along a 25 NM arc of the Corpus Christi VORTAC to lat.

27°44'01"N., long. 97°53'01"W.; to lat. 27°45'01"N., long. 98°07'01"W.; to lat. 27°49'31"N., long. 98°06'31"W.; to lat. 28°07'31"N., long. 98°09'46"W.; to the point of beginning.
Altitudes. From the surface to but not including FL 180.
Times of use. Sunrise-2400 Monday-Friday.
Using agency. Chief of Naval Air Training, Naval Air Station Corpus Christi, TX

A–632D Corpus Christi, TX
Boundaries. Beginning at lat. 29'04'01 "N., long. 97'30'01 "W.; arc clockwise on the 61 NM arc of the San Antonio VORTAC to lat. 28°40'01"N., long. 98°07'31"W.; to lat. 28°32'31"N., long. 98°04'31"W.; to lat. 28°00'01"N., long. 97°26'46"W.; to lat. 28°27'01"N., long. 97'02'41 "W.; to lat. 28°40'50"N., long. 97° 19' 10"W.; arc counterclockwise on the 83 NM arc of the San Antonio VORTAC to lat. 28'52'01 "N., long. 97°08'46"W.; to the point of beginning.
Altitudes. From 6,000 feet MSL to but not including 11,000 feet MSL.
Times of use. Sunrise-2400 Monday-Friday; 1400-2400 Sunday; other times by NOTAM.
Using agency. Chief of Naval Air Training, Naval Air Station Corpus Christi, TX

A–632E Corpus Christi, TX
Boundaries. Beginning at lat. 29° 10'3 1 "N., long. 96°58'01"W.; arc clockwise on the 83 NM arc of the San Antonio VORTAC to lat. 28°40'50"N., long. 97°19'10"W.; to lat. 28°27'01"N., long. 97°02'41"W.; to lat. 28°29'31"N., long. 97°00'31"W.; to lat. 28°38'01"N., long. 96°45'31"W.; to lat. 28°53'31"N., long. 96°35'31"W.; to lat. 29°06'31"N., long. 96°44'31"W.; to the point of beginning.
Altitudes. From 6,000 feet MSL to but not including 9,000 feet.
Times of use. Sunrise-2400 Monday-Friday; 1400-2400 Sunday; other times by NOTAM.
Using agency. Chief of Naval Air Training, Naval Air Station Corpus Christi, TX

A–632F Corpus Christi, TX
Boundaries. Beginning at lat. 28°02'01"N., long. 96°48'01"W.; to lat. 28°07'01"N., long. 96°58'01"W.; to lat. 28°30'01"N., long. 96°28'01"W.; to lat. 28°20'01"N., long. 96°20'01"W.; to lat. 28°08'01"N., long. 96°41'01"W.; thence along the western boundary of W-228A to the point of beginning.
Altitudes. 3,000 feet AGL to but not including FL 180.
Times of use. 0700–midnight Monday-Saturday.
Using agency. Chief, Naval Air Training, Naval Air Station, Corpus Christi, TX
BOUNDARIES CHANGED 7/27/89

A–633A Laughlin AFB, TX
Boundaries. Within the area encompassed by a 15 NM radius of lat. 29°22'01"N., long. 100°47'01"W., excluding the airspace in Mexico.
Altitudes. Surface to 7,000 feet MSL.
Times of use. Sunrise-sunset, Monday-Friday.
Using agency. Commander, Laughlin AFB, TX.

A–633B Laughlin AFB, TX
Boundaries. Within the area encompassed by a 7 NM radius of the Laughlin AFB Auxiliary Airfield (lat. 29°07'46"N., long. 100°28'20"W.).
Altitudes. Surface to 4,000 feet MSL.
Times of use. Sunrise-sunset, Monday-Friday; other times by NOTAM.
Using agency. USAF, Commander, Laughlin AFB, TX

A-635 Randolph AFB, TX
Boundaries. Beginning at lat. 29°25'16"N., long. 98°08'31"W.; to lat. 29°35'01"N., long. 98°11'31"W.; to lat. 29°40'31"N., long. 98°19'16"W.; to lat. 29°38'16"N., long. 98°24'16"W.; to lat. 29°34'31"N., long. 98°22'16"W.; to lat. 29°30'16"N., long. 98°22'31"W.; to lat. 29°22'31"N., long. 98°14'16"W.; to the point of beginning, excluding the airspace within the San Antonio, Randolph AFB, TX, Class D airspace area.
Altitudes. 1,500 feet MSL to and including 4,000 feet MSL.
Times of use. Sunrise to 3 hours after sunset, Monday-Friday.
Using agency. Commander, Randolph AFB, TX
BOUNDARIES CHANGED 9/16/93

A-636 Wichita Falls, TX
Boundaries. The airspace within a 13 NM radius of the Sheppard AFB/Wichita Falls Municipal Airport (lat. 33°59'06"N., long. 98°29'32"W.), excluding the airspace within the Wichita Falls, TX, Class D airspace area.
Altitudes. From the surface to and including 4,000 feet MSL.
Times of use. Monday-Friday, one hour before sunrise to one hour after sunset.
Using agency. Commander, Sheppard AFB, TX
CHANGE TIMES OF USE 1/4/96

A-637 Lubbock, TX
Boundaries. Beginning at lat. 33 °29'39"N., long. 102°29'45"W.; to lat. 33°43'27"N., long. 102°10'24"W.; thence via a 10 NM radius of the Reese VORTAC (lat. 33°35'48"N., long. 102°02'39"W.) to lat. 33°28'09"N., long. 101°53'55"W.; to lat. 33°14'21"N., long. 102°14'19"W.; thence via a 10 NM radius of the Terry

County Auxiliary Airfield (lat. 33°22'00"N., long. 102°22'02"W.) to the point of beginning, excluding the airspace within the Lubbock International Airport, TX, Class C airspace area and the Lubbock Reese AFB, TX, Class D airspace area.

Altitudes. From the surface to and including 6,000 feet MSL.

Times of use. Sunrise to 3 hours after sunset, Monday-Friday; weekends by NOTAM.

Using agency. Commander, Reese AFB, TX

BOUNDARIES CHANGED 9/16/93

A-638 Seguin, TX

Boundaries. Beginning at lat. 29°38'01"N., long. 98°04'01"W.; to lat. 29°41'01"N., long. 97°55'01"W.; to lat. 29°31'01"N., long. 97°44'01"W.; to lat. 29°27'01"N., long. 97°48'01"W.; to lat. 29°27'01"N., long. 97°54'01"W.; to the point of beginning.

Altitudes. Surface to 3,000 feet MSL.

Times of use. Sunrise-sunset, Monday-Friday

Using agency. Commander, Randolph AFB, TX

PENDING ACTION

A–639A Academy, CO

Boundaries. Beginning at lat. 38°50'00"N., long. 104° 19'OO"W to lat. 38°45'00"N., long. 103°43'00"W to lat. 38°22'00"N., long. 103°43'00"W to lat. 38°22'00"N., long. 104°20'00"W to point of begining.

Altitudes. 3,000 feet AGL to and including 12,000 feet MSL.

Times of use. Sunrise to Sunset, Monday through Friday, except holidays, other times by NOTAM, daylight only.

Using agency: USAF 557th Flying Training Squardon, USAF Academy CO.

ADDED 6/20/96

PENDING ACTION

A–639B Academy, CO

Boundaries. Beginning at lat. 39°11 'OO"N., long. 104° 16'OO"W to lat. 39°12'00"N., long. 104" 12'OO"W to lat. 39°00'00"N., long. 103°59'00"W to lat. 38°56'00"N., long. 103°59'00"W to lat. 38°58'00"N., long. 104° 16'OO"W to point of begining.

Altitudes. 3,000 feet AGL to and including 12,000 feet MSL.

Times of use. Sunrise to Sunset, Monday through Friday, except holidays, other times by NOTAM, daylight only.

Using agency: USAF 557th Flying Training Squardon, USAF Academy CO.

ADDED 6120196

PENDING ACTION

A-640 Hondo, TX

Boundaries. Beginning at lat. 29°50'58"N., long. 99°35'09"W.; via SAT VORTAC 60 DME ARC to lat. 28°52'43"N., long. 99°11'58"W.; to lat. 29°08'31"N., long. 98°56'39"W.; via Kelly TACAN 23 DME ARC to lat. 29°24'53"N., long. 98°58'16"W.; via SAT VORTAC 30 DME ARC to lat. 29°33'21"N., long. 99°01'33"W.; to lat. 29°47'00"N., long. 99°13'30"W.; to the point of beginning.

Altitudes. From 2,500 feet MSL to and including 7,000 feet MSL.

Times of use. Sunrise to sunset, Monday-Friday, except for holidays. Other times by NOTAM.

Using agency. USAF, 12TH Flying Training Wing, Randolph AFB, TX

ADDED 6/20/96

A-680 OLF Coupeville, WA

Boundaries. 3 NM radius of lat. 48°10'59"N., long. 122°38'05"W.

Altitudes. Surface to and including 3,000 feet MSL.

Times of use. Apr-Ott, 1000-0130 local time Monday-Friday; Nov-Mar, 1000-2359 local time Monday-Friday; other times by NOTAM.

Using agency. U.S. Navy, Commanding Officer, NAS Whidbey Island, Oak Harbor, WA

TIMES OF USE CHANGED 9/16/93

A-682 Travis AFB, CA

Boundaries. Beginning at lat. 38°13'20"N., long. 122°11'24"W.; to lat. 38°31'15"N., long. 121°44'34"W.; to lat. 38°23'30"N., long. 121°42'04"W.; to lat. 38° 19'20"N., long. 121°40'14"W.; to lat. 38°14'50"N., long. 121°44'14"W.; to lat. 38°07'30"N., long. 121°55'34"W.; to lat. 38°05'40"N., long. 122°08'44"W.; to lat. 38°09'30"N., long. 122" 13'04"W.; thence counterclockwise along a 5-statute-mile arc centered upon lat. 38°12'47"N., long. 122" 16'49"W., (Napa County Airport) to the point of beginning.

Altitudes. North of Travis AFB Runways 21L/03R extended centerlines surface to 6,000 feet MSL. South of Travis AFB Runways 21L/03R extended centerlines surface to 3,000 feet MSL.

Times of use. 0800-2100 Monday-Friday.

Using agency. Travis AFB, CA

A-683 Wichita McConnell AFB, KS

Boundaries. Beginning at lat. 37°48'00"N., long. 97°08'01"W.; to lat. 37°32'00"N., long. 97°08'01"W.; to lat. 37°32'00"N., long. 97" 17'01"W.; to lat. 37°48'00"N., long. 97°17'01"W.; to the point of beginning.

Altitudes. Surface to and including 4,500 feet MSL.
Times of use. 0800-1900 Monday-Friday.

Using agency. McConnell AFB/Beech Aircraft Corp./Cessna Aircraft Company/Boeing Military Aircraft Company

WARNING AREAS

Definition.
A warning area is airspace of defined dimensions, extending from 3 nautical miles outward from the coast of the United States, that contains activity that may be hazardous to nonparticipating aircraft. The purpose of such warning areas is to warn nonparticipating pilots of the potential danger. A warning area may be located over domestic or international waters or both.

Activities.
Activities that may be hazardous.
AMENDMENTS 12/27/88 54 FR 260 (REVISED)

W–50A Dam Neck, VA
Boundaries. Beginning at lat. 36°51'01"N., long. 75°54'29"W.; to lat. 36°51'06"N., long. 75°52'09"W.; thence via a 5.9 NM arc centered at lat. 36°46'49"N., long. 75°57'23"W.; to lat. 36°48'21"N., long. 75°50'17"W.; to lat. 36°48'38"N., long. 75°48'58"W.; to lat. 36°37'01"N., long. 75°48'58"W.; along a line 3 NM from and parallel to the shoreline; thence to the point of beginning.
Altitudes. Surface to FL 750.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Washington ARTCC
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, VACAPES, Virginia Beach, VA
ADDED 1/11/90

W-SOB Dam Neck, VA
Boundaries. Beginning at lat. 36°48'38"N., long. 75°48'58"W.; to lat. 36°50'38"N., long. 75°39'34"W.; thence via a 14.8 NM arc centered at lat. 36°46'49"N., long. 75°57'23"W.; to lat. 36°39'50"N., long. 75°41'09"W.; to lat. 36°43'12"N., long. 75°48'58"W.; thence to the point of beginning.
Altitudes. Surface to FL 750.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Washington ARTCC
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, VACAPES, Virginia Beach, VA
ADDED 1/11/90

W–50C Dam Neck, VA
Boundaries. Beginning at lat. 36°43'12"N., long. 75°48'58"W.; to lat. 36°39'50"N., long. 75°41'09"W.; thence via a 14.8 NM arc centered at lat. 36°46'49"N., long. 75°57'23"W.; to lat. 36°33'59"N., long. 75°48'12"W.; along a line 3 NM from and parallel to the shoreline; to lat. 36°37'01"N., long. 75°48'58"W.; thence to the point of beginning.
Altitudes. Surface to FL 750.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Washington ARTCC
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, VACAPES, Virginia Beach, VA
ADDED 1/11/90

PENDING ACTION

W-59A Gulf of Mexico, Southwest of New Orleans, LA
Boundaries. Beginning at lat. 28°59'42"N., long. 91°17'28"W.; to lat. 28°05'19"N., long. 92°19'38"W.; to lat. 27°38'00"N., long. 91°55'00"W.; to lat. 28°45'00"N., long. 90°51'00"W.; to the point of beginning.
Altitudes. 5,000 feet MSL to FL 500.
Times of use. 0900-2100 Monday-Sunday; other times by NOTAM.
Controlling agency. FAA Houston ARTCC.
Using agency. 159th Fighter Group, NAS Calendar, New Orleans, LA.
ADDED 6/20/96

PENDING ACTION

W–59B Gulf of Mexico, Southwest of New Orleans, LA
Boundaries. Beginning at lat. 29°07'00"N., long. 91°09'00"W.; to lat. 28°05'19"N., long. 92°19'38"W.; to lat. 28°57'00"N., long. 93°07'00"W.; to lat. 29°07'00"N., long. 93°07'00"W.; to the point of beginning.
Altitudes. 5,000 feet MSL up to, but not including, FL 280.
Times of use. 0900-2100 Monday-Sunday; other times by NOTAM.
Controlling agency. FAA Houston ARTCC.
Using agency. 159th Fighter Group, NAS Calendar, New Orleans, LA.
ADDED 6/20/96

PENDING ACTION

W–59C Gulf of Mexico, Southwest of New Orleans, LA
Boundaries. Beginning at lat. 29°07'00"N., long. 91°09'00"W.; to lat. 28°05'19"N., long. 092°19'38"W.; to lat. 28°57'00"N., long. 093°07'00"W.; to lat. 29°07'00"N., long. 093°07'00"W.; to the point of beginning.
Altitudes. FL 280 to FL 00.
Times of use. By NOTAM.
Controlling agency. FAA Houston ARTCC.
Using agency. 159th Fighter Group, NAS Calendar, New Orleans, LA.
ADDED 6/20/96

W–60 Oceanside, CA
Boundaries. Beginning at lat. 32°50'25"N., long. 119°15'25"W.; to lat. 32°10'45"N., long. 120°16'18"W.; to lat. 32°31'59"N., long. 120°30'48"W.; to the point of beginning.
Altitudes. Surface to unlimited.

Times of use. Intermittent.
Controlling agency. FAA, Los Angeles ARTCC
Using agency. U.S. Navy, Commander, Naval Air Warfare Center Weapons Division, Point Mugu, CA
USING AGENCY CHANGED 11 /11 /93

W-61 Mission Bay, CA
Boundaries. Beginning at lat. 32°3 1'59"N., long. 120°30'50"W.; to lat. 32°10'45"N., long. 120°16'18"W.; to lat. 31°54'00"N., long. 121°34'34"W.; to lat. 32°13'30"N., long. 121°43'04"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Los Angeles ARTCC
Using agency. U.S. Navy, Commander, Naval Air Warfare Center Weapons Division, Point Mugu, CA
USING AGENCY CHANGED 11 /11 /93

W-72A North Carolina, NC
Boundaries. Beginning at lat. 36°49'01"N., long. 75°53'59"W.; to lat. 36°49'01"N., long. 75°31'59"W.; to lat. 36°46'58"N., long. 74°29'59"W.; to lat. 35°10'36"N., long. 74°29'59"W.; to lat. 35'57'01 "N., long. 75°32'59"W.; thence 3 NM from and parallel to the shoreline to the point of beginning.
Altitudes. E of long. 75°30'00"W., surface to unlimited; W of long. 75°30'00"W., surface to but not including 2,000 feet MSL and above FL 600 to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Washington ARTCC
Using agency. U.S. Navy, Fleet Area Control Surveillance Facility Virginia Beach, VA 23460

W–72B North Carolina, NC
Boundaries. Beginning at lat. 36°46'58"N., long. 74°29'59"W.; to lat. 36°42'09"N., long. 72°39'58"W.; to lat. 35°05'36"N., long. 72°39'58"W.; to lat. 34°29'18"N., long. 73°34'21"W.; to lat. 35°10'36"N., long. 74°29'58"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Washington ARTCC
Using agency. U.S. Navy, Fleet Area Control Surveillance Facility Virginia Beach, VA 23460

W-74 Beaufort, SC
Boundaries. Beginning at lat. 32°29'31"N., long. 80°10'34"W.; thence southwest along the western boundary of Warning Areas W-133 and W-134; to lat. 32°05'13"N., long. 80°25'45"W.; to lat. 32°10'56"N., long. 80°37'39"W.; thence northeast 3 NM from and parallel to the U. S. coast to the point of beginning.
Altitudes. Surface to 10,000 feet MSL (excluding airspace 3,000 feet MSL and below in the following area: Beginning at lat. 32°13'21"N., long. 80°33'09"W.; thence clockwise via a 7.5 NM arc centered at lat. 32°13'01"N., long. 80°41'59"W.; to lat. 32°09'23"N., long. 80°34'26"W.; to lat. 32°10'56"N., long. 80°37'39"W.; thence 3 NM from and parallel to the U. S. coast to the point of beginning.
Times of use. Intermittent by NOTAM (in conjunction with Beaufort MOAs)
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Marine Corps Air Station Beaufort, Beaufort, SC

W-92 New Orleans, LA
Boundaries. Beginning at lat. 28" 15'01"N., long. 90° 13'OO"W.; to lat. 27°00'01"N., long. 90°13'00"W.; to lat. 27°00'01"N., long. 91°05'00"W.; to lat. 27°20'01"N., long. 91°05'00"W.; to lat. 28°15'01"N., long. 90°30'00"W.; to the point of beginning.
Altitudes. Surface to FL 400.
Times of use. 0700–2400.
Controlling agency. FAA, Houston ARTCC
Using agency. Commander, Naval Air Station, New Orleans, LA

W-93 North Bend, OR
Boundaries. Beginning at lat. 44°06'29"N., long. 124°36'44"W.; to lat. 43°26'06"N., long. 124°38'31"W.; thence south 12 miles from and parallel to the U.S. shoreline; to lat. 43°24'27"N., long. 124°39'54"W.; to lat. 43°22'59"N., long. 124°43'34"W.; to lat. 43°20'06"N., long. 124°41'24"W.; thence south 12 miles from and parallel to the U.S. shoreline; to lat. 42°15'29"N., long. 124°42'17"W.; to lat. 42°15'29"N., long. 125°25'22"W.; to lat. 43°14'49"N., long. 126°10'50"W.; to lat. 43°51'59"N., long. 125°07'05"W.; to point of begining.
Altitudes. Surface to but not including FL 180.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Seattle ARTCC
Using agency. Commander, 104th Tactical Control Flight, Kingsley Field, Klamath Falls, OR
BOUNDARIES CHANGED 10/13/94

W-102H High, Machias, ME
Boundaries. Beginning at lat. 43°41'OO"N., long. 69°29'58"W.; to lat. 43°50'00"N., long. 68°52'58"W.; to lat. 44°21'00"N., long. 66°59'58"W.; to lat. 43°48'00"N., long. 66°59'58"W.; to lat. 43°23'00"N., long. 68°43'58"W.; to lat. 43°05'00"N., long. 69°29'58"W.; to the point of beginning.
Altitudes. From above 17,000 feet MSL to FL 600.
Times of use. Intermittent.

Controlling agency. FAA, Boston ARTCC
Using agency. USAF', Northeast Air Defense Sector/DOOS, Griffis AFB, NY
USING AGENCY CHANGED 8/23/90

W–102L Low, Machias, ME
Boundaries. Beginning at lat. 43°41'00"N., long. 69°29'58"W.; to lat. 43°50'00"N., long. 68°52'58"W.; to lat. 44°21'00"N., long. 66°59'58"W.; to lat. 43°48'00"N., long. 66°59'58"W.; to lat. 43°23'00"N., long. 68°43'58"W.; to lat. 43°05'00"N., long. 69°29'58"W.; to the point of beginning.
Altitudes. Surface to and including 17,000 feet MSL.
Times of use. Intermittent.
Controlling agency. FAA, Boston ARTCC
Using agency. Commander Patrol Wing FIVE, U. S. Atlantic Fleet Naval Air Station, Brunswick, ME

W-103 Casco Bay, ME
Boundaries. Beginning at lat. 43 °24'02"N., long. 70° 15'38"W.; to lat. 43°30'00"N., long. 70°05'58"W.; to lat. 43°41'00"N., long. 69°29'58"W.; to lat. 43°05'00"N., long. 69°29'58"W.; to lat. 42°43'15"N., long. 70°24'58"W.; to lat. 43°11'13"N., long. 70°24'58"W.; to the point of beginning.
Altitudes. Surface to and including 2,000 feet MSL.
Times of use. Intermittent.
Controlling agency. FAA, Boston ARTCC
Using agency. U.S. Navy, Commander, COMPATWING 5, NAS Brunswick, ME
BOUNDARIES AND USING AGENCY CHANGED 1/9/92

W-104A Boston, MA
Boundaries. Beginning at lat. 42°34'00"N., long. 70°03'58"W.; to lat. 42°41'00"N., long. 69°33'58"W.; to lat. 42°22'00"N., long. 69°29'58"W.; to lat. 42°25'00"N., long. 69°46'58"W.; to lat. 42°25'00"N., long. 70°03'58"W.; to the point of beginning.
Altitudes. Surface to 10,000 feet MSL.
Times of use. Intermittent.
Controlling agency. FAA, Boston, ARTCC
Using agency. U.S. Navy, Commander, COMPATWING 5, NAS Brunswick, ME
ADDED 6/30/88

W–104B Boston, MA
Boundaries. Beginning at lat. 42°41'00"N., long. 69°33'58"W.; to lat. 42°56'00"N., long. 68°29'58"W.; thence counterclockwise along the arc of a circle 13.5 statute miles in radius centered at lat. 43 °07'00"N., long. 68°33'58"W.; to lat. 42°57'00"N., long. 68°26'58"W.; to lat. 43"18'00"N., long. 67°29'58"W.; to lat. 43°15'00"N., long. 67°29'58"W.; to lat. 42°47'00"N., long. 68°19'58"W.; thence counterclockwise along the arc of a circle 15 statute miles in radius centered at lat. 42°36'00"N., long. 68°09'58"W.; to lat. 42°44'00"N., long. 68°23'58"W.; to lat. 42" 19'00"N., long. 68°56'58"W.; to lat. 42°22'00"N., long. 69°29'58"W.; to the point of beginning.
Altitudes. Surface to but not including FL 180.
Times of use. Intermittent.
Controlling agency. FAA, Boston ARTCC
Using agency. U.S. Navy, Commander, COMPATWING 5, NAS, Brunswick, ME
ADDED 6/30/88

W–104C Boston, MA
Boundaries. Beginning at lat. 42°41 'OO"N., long. 69°33'58"W.; to lat. 42°56'00"N., long. 68°29'58"W.; thence counterclockwise along the arc of a circle 13.5 statute miles in radius centered at lat. 43°07'00"N., long. 68°33'58"W.; to lat. 42°57'00"N., long. 68°26'58"W.; to lat. 43°18'00"N., long. 67°29'58"W.; to lat. 43"15'00"N., long. 67°29'58"W.; to lat. 42°47'00"N., long. 68°19'58"W.; thence counterclockwise along the arc of a circle 15 statute miles in radius centered at lat. 42°36'00"N., long. 68°09'58"W.; to lat. 42°44'00"N., long. 68°23'58"W.; to lat. 42" 19'00"N., long. 68°56'58"W.; to lat. 42°22'00"N., long. 69°29'58"W.; to the point of beginning.
Altitudes. FL 180 to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Boston ARTCC
Using agency. U.S. Navy, Commander, COMPATWING 5, NAS, Brunswick, ME
ADDED 6/30/88

W–105A Narrangansett, RI
Boundaries. Beginning at lat. 40°26'46"N., long. 69°06'23"W.; to lat. 39°58'00"N., long. 68°29'50"W.; to lat. 39°46'00"N., long. 70°29'00"W.; to lat. 40°36'00"N., long. 71°05'00"W.; to lat. 40°53'00"N., long. 69°43'00"W.; to lat. 40°39'50"N., long. 69°23'28"W.; to the point of beginning.
Altitudes. Surface to FL 500.
Times of use. Intermittent.
Controlling agency. FAA, Boston ARTCC
Using agency.U.S. Navy, Commanding Officer, Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA
BOUNDARIES CHANGED 11/9/95

W-1058 Narrangansett, RI
Boundaries. Beginning at lat. 40°04'20"N., long. 72°29'58"W.; to lat. 39°38'42"N., long. 71°33'46"W.; to

lat. 39°40'45"N., long. 71°14'58"W.; to lat. 39°10'24"N., long. 71°49'10"W.; to lat. 39°41'33"N., long. 72°29'58"W.; to the point of beginning.
Altitudes. Surface to but not including FL 180.
Times of use. Intermittent,
Controlling agency. FAA, Boston ARTCC
Using agency. U.S. Navy, Commanding Officer, Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA
BOUNDARIES AND USING AGENCY CHANGED 5/3/90

W-105C Narragansett, RI
Boundaries. Beginning at lat. 40°04'20"N., long. 72°29'58"W.; to lat. 40°11'55"N., long. 72°46'53"W.; to lat. 40°36'00"N., long. 71°05'00"W.; to lat. 39°46'00"N., long,. 70°29'00"W.; to lat. 39°40'45"N., long. 71°14'58"W.; to lat. 39°38'42"N., long. 71°33'46"W.; to the point of beginning.
Altitudes. Surface to FL 500.
Times of use. Intermittent.
Controlling agency. FAA, Boston ARTCC
Using agency. U.S. Navy, Commanding Officer, Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA
BOUNDARIES AND ALTITUDES CHANGED 11/9/95

W-105D Narragansett, RI
Boundaries. Beginning at lat. 40° 11'55"N., long. 72°46'53"W.; to lat. 40°34'00"N., long. 72°19'58"W.; to lat. 40°38'00"N., long. 71°59'58"W.; to lat. 40°44'00"N., long. 71°59'58"W.; to lat. 41°06'52"N., long. 70°22'51"W.; thence southeast along a line 12 NM from and parallel to the shoreline; to lat. 41°02'30"N., long. 70°00'00"W.; to lat. 40°53'00"N., long. 69°43'00"W.; to lat. 40°36'00"N., long. 71°05'00"W.; to the point of beginning.
Altitudes. Surface to but not including 15,000 feet MSL.
Times of use. Intermittent.
Controlling agency. FAA, Boston ARTCC
Using agency. U.S. Navy, Commanding Officer, Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA
BOUNDARIES AND ALTITUDES CHANGED 11/9/95

W-105E Narragansett, RI
Boundaries. Beginning at lat. 40° 11'55"N., long. 72°46'53"W.; to lat. 40°34'00"N., long. 72°19'58"W.; to lat. 40°38'00"N., long. 71°59'58"W.; to lat. 40°44'00"N., long. 71°59'58"W.; to lat. 41°06'52"N., long. 70°22'51"W.; thence southeast along a line 12 NM from and parallel to the shoreline; to lat. 41°02'30"N., long. 70°00'00"W.; to lat. 40°53'00"N., long. 69°43'00"W.; to lat. 40°36'00"N., long. 71°05'00"W.; to the point of beginning.
Altitudes. 15,000 feet MSL to FL 500.
Times of use. Intermittent.
Controlling agency. FAA, Boston ARTCC
Using agency. U.S. Navy, Commanding Officer, Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA
BOUNDARIES AND ALTITUDES CHANGED 11/9/95

W-106A Patchogue, NY
Boundaries. Beginning at lat. 40° 13'00"N., long. 73°14'58"W.; to lat. 40°24'00"N., long. 73°14'58"W.; to lat. 40°33'00"N., long. 73°03'58"W.; to lat. 40°40'00"N., long. 72°29'58"W.; to lat. 40°15'20"N., long. 73°01'28"W.; to lat. 40°11'35"N., long. 73°05'33"W.; to lat. 40°04'43"N., long. 72°55'03"W.; to lat. 39°59'40"N., long. 73°00'28"W.; to lat. 40°08'00"N., long. 73°09'28"W.; to the point of beginning.
Altitudes. Surface to 3,000 feet MSL.
Times of use. Intermittent.
Controlling agency. FAA, Boston ARTCC
Using agency. Commanding Officer, Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA
CONTROLLING AGENCY CHANGED 6/4/87

W-106B Patchogue, NY
Boundaries. Beginning at lat. 40° 11'35"N., long. 73°05'33"W.; to lat. 40°15'20"N., long. 73°01'28"W.; to lat. 40°40'00"N., long. 72°29'58"W.; to lat. 40°41'30"N., long. 72°10'28"W.; to lat. 40°42'00"N., long. 72°06'58"W.; to lat. 40°44'00"N., long. 71°59'58"W.; to lat. 40°38'00"N., long. 71°59'58"W.; to lat. 40°34'00"N., long. 72°19'58"W.; to lat. 40°26'00"N., long. 72°29'58"W.; to lat. 40°08'30"N., long. 72°50'58"W.; to lat. 40°04'43"N., long. 72°55'03"W.; to the point of beginning.
Altitudes. Surface to 8,000 feet MSL.
Times of use. Intermittent.
Controlling agency. FAA, Boston ARTCC
Using agency. Commanding Officer, Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA
CONTROLLING AGENCY CHANGED 6/4/87

W-106C Patchogue, NY
Boundaries. Beginning at lat. 40°04'43"N., long. 72°55'03"W.; to lat. 40°08'30"N., long. 72°50'58"W.; to lat. 40°11'55"N., long. 72°46'53"W.; to lat. 40°04'20"N., long. 72°29'58"W.; to lat. 39°48'06"N., long. 72°29'58"W.; to the point of beginning.
Altitudes. Surface to 10,000 feet MSL.

Times of use. Intermittent.
Controlling agency. FAA, Boston ARTCC
Using agency. Commanding Officer, Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA
CONTROLLING AGENCY CHANGED 6/4/87

W-106D Patchogue, NY
Boundaries. Beginning at lat. 39°59'40"N., long. 73°00'28"W.; to lat. 40°04'43"N., long. 72°55'03"W.; to lat. 39°48'06"N., long. 72°29'58"W.; to lat. 39°34'00"N., long. 72°29'58"W.; to lat. 39°44'00"N., long. 72°43'58"W.; to the point of beginning.
Altitudes. Surface to but not including 6,000 feet MSL.
Times of use. Intermittent.
Controlling agency. Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA
Using agency. Commanding Officer, Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA

W-107A Atlantic City, NJ
Boundaries. Beginning at lat. 38°58'00"N., long. 74°19'59"W.; to lat. 39°24'55"N., long. 73°45'47"W.; to lat. 39°44'00"N., long. 73°27'49"W.; to lat. 39°44'00"N., long. 73°16'58"W.; to lat. 39°41'00"N., long. 73°09'58"W.; to lat. 38°46'00"N., long. 72°29'58"W.; to lat. 38°20'00"N., long. 72°47'58"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Washington ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA

W-107B Atlantic City, NJ
Boundaries. Beginning at lat. 39°09'00"N., long. 74°36'59"W.; thence along a line 3 NM east of and parallel to the shoreline to lat. 39°54'00"N., long. 74°00'58"W.; to lat. 40°00'00"N., long. 73°51'58"W.; to lat. 40°00'00"N., long. 73°36'58"W.; to lat. 39°52'00"N., long. 73°28'58"W.; to lat. 39°44'00"N., long. 73°40'58"W.; to the point of beginning.
Altitudes. Surface to but not including 2,000 feet MSL.
Times of use. Intermittent.
Controlling agency. FAA, Washington ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA 23460

W-107C Atlantic City, NJ
Boundaries. Beginning at lat. 39°09'00"N., long. 74°36'59"W.; to lat. 39°44'00"N., long. 73°40'58"W.; to lat. 39°44'00"N., long. 73°27'49"W.; to lat. 39°24'55"N., long. 73°45'47"W.; to lat. 38°58'00"N., long. 74°19'59"W.; to the point of beginning.
Altitudes. Surface to but not including FL 180.
Times of use. Intermittent.
Controlling agency. FAA, Washington ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA

W-107D Atlantic City, NJ
Boundaries. Beginning at lat. 39°44'00"N., long. 73°16'58"W.; to lat. 39°44'00"N., long. 72°53'01"W.; to lat. 39°20'14"N., long. 72°29'58"W.; to lat. 38°46'00"N., long. 72°29'58"W.; to lat. 39°41'00"N., long. 73°09'58"W.; to the point of beginning.
Altitudes. Surface to unlimited,
Times of use. Intermittent.
Controlling agency. FAA, Washington ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA

W-107E Atlantic City, NJ
Boundaries. Beginning at lat. 39°20'14"N., long. 72°29'58"W.; to lat. 39°05'48"N., long. 72°16'12"W.; to lat. 38°46'00"N., long. 72°29'58"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Washington ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA

W-107F Atlantic City, NJ
Boundaries. Beginning at lat. 38°58'00"N., long. 74°19'59"W.; to lat. 38°20'00"N., long. 72°47'58"W.; to lat. 38°17'00"N., long. 72°50'02"W.; to lat. 38°34'00"N., long. 73°30'58"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Washington ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA

W-108A Chincoteague, VA
Boundaries. Beginning at lat. 38°45'00"N., long. 74°36'59"W.; to lat. 38°45'00"N., long. 74°29'59"W.; to lat. 38°00'00"N., long. 74°29'59"W.; to lat. 38°00'00"N.,

long. 75 ° 11' 19"W.; thence 3NM from and parallel to the shoreline to lat. 38°25'30"N., long. 74°58'59"W.; to lat. 38°39'15"N., long. 74°43'59"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Washington ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA

W–108B Chincoteague, VA
Boundaries. Beginning at lat. 38°45'00"N., long. 74°29'59"W.; to lat. 38°45'00"N., long. 74°19'59"W.; to lat. 38°00'00"N., long. 73°04'58"W.; to lat. 38°00'00"N., long. 74°29'59"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Washington ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA 23460

W–108C Chincoteague, VA
Boundaries. Beginning at lat. 38°45'00"N., long. 74°52'59"W.; to lat. 38°45'00"N., long. 74°36'59"W.; to lat. 38°39'15"N., long. 74°43'59"W.; to lat. 38°25'30"N., long. 74°58'59"W.; thence 3NM from and parallel to the shoreline to lat. 38°36'50"N., long. 74°59'49"W.; to the point of beginning.
Altitudes. Surface to FL 230.
Times of use. Intermittent.
Controlling agency. FAA, Washington ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA

W-110 Elizabeth City, NC
Boundaries. Beginning at lat. 35°30'01"N., long. 75°24'59"W.; to lat. 35°39'16"N., long. 75°16'59"W.; to lat. 35°55'01"N., long. 75°29'59"W.; to lat. 34°33'11"N., long. 73°40'48"W.; to lat. 34°18'48"N., long. 74°02'25"W.; to the point of beginning.
Altitudes. Surface to FL 230 inclusive.
Times of use. Intermittent.
Controlling agency. U.S. Navy, FACSFAC VACAPES
Using agency. U.S. Navy, FACSFAC VACAPES
CONTROLLING AND USING AGENCIES CHANGED 5/3/90

W-122A Cherry Point, NC
Boundaries. Beginning at lat. 35°30'01"N., long. 75°24'59"W.; to lat. 35°13'01"N., long. 75°04'58"W.; to lat. 34°40'01"N., long. 76°03'59"W.; to lat. 34°50'01"N., long. 76°14'59"W.; to 3 NM from and parallel to shoreline to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Washington ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA

W–122B Cherry Point, NC
Boundaries. Beginning at lat. 35°13'01"N., long. 75°04'58"W.; to lat. 34°50'19"N., long. 74°38'33"W.; to lat. 34°13'01"N., long. 75°31'59"W.; to lat. 34°40'01"N., long. 76°03'59"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Washington ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA

W–122C Cherry Point, NC
Boundaries. Beginning at lat. 34°50' 19"N., long. 74°38'33"W.; to lat. 34°14'01"N., long. 73°56'58"W.; to lat. 33°36'01"N., long. 74°51'58"W.; to lat. 34°00'01"N., long. 75°18'58"W.; to lat. 34°13'01"N., long. 75 ° 3 1'59" W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Washington ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA

W–122D Cherry Point, NC
Boundaries. Beginning at lat. 34°50'01 "N., long. 76°14'59"W.; to lat. 34°40'01"N., long. 76°03'59"W.; to lat. 34° 17'01 "N., long. 76°44'59"W.; to lat. 34'37'3 1 "N., long. 76°55'59"W.; to 3 NM from and parallel to shoreline to the point of beginning.
Altitudes. Surface to but not including FL 180.
Times of use. Intermittent.
Controlling agency. FAA, Washington ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA

W-1223 Cherry Point, NC
Boundaries. Beginning at lat. 34'50'01 "N., long. 76°14'59"W.; to lat. 34°40'01"N., long. 76°03'59"W.; to lat. 34° 17'01 "N., long. 76°44'59"W.; to lat. 34'37'31 "N., long. 76°55'59"W.; to 3 NM from and parallel to shoreline to the point of beginning.

Altitudes. FL 180 to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Washington ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA

W-122F Cherry Point, NC
Boundaries. Beginning at lat. 34°40'01"N., long. 76°03'59"W.; to lat. 34°13'01"N., long. 75°31'59"W.; to lat. 34°00'01"N., long. 75°18'58"W.; to lat. 33°20'01"N., long. 76°14'40"W.; to lat. 34°17'01"N., long. 76°44'59"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Washington ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA

W-1226 Cherry Point, NC
Boundaries. Beginning at lat. 34°00'01 "N., long. 75°18'58"W.; to lat. 33°36'01"N., long. 74°51'58"W., to lat. 32°50'01"N., long. 75°56'59"W.; to lat. 33°20'01"N., long. 76° 14'40"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Washington ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA

W-122H Cherry Point, NC
Boundaries. Beginning at lat. 34'37'3 1 "N., long. 76°55'59"W., to lat. 34°17'01"N., long. 76°44'59"W.; to lat. 33°51'01"N., long. 77°29'59"W.; to lat. 34°23'31"N., long. 77°29'59"W.; thence northeastward 3 NM from and parallel to the U. S. shoreline to the point of beginning.
Altitudes. Surface to unlimited, except airspace above FL 240 excluded in the following area: Beginning at lat. 34°23'31"N., long. 77°29'59"W.; thence northeastward 3 NM from and parallel to the U. S. shoreline to lat. 34°28'41"N., long. 77°18'59"W.; to lat. 33°53'12"N., long. 77°26'14"W.; to lat. 33°51'01"N., long. 77°29'59"W.; to the point of beginning.
Times of use. Intermittent.
Controlling agency. FAA, Washington ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA

W-1221 Cherry Point, NC
Boundaries. Beginning at lat. 34°17'01"N., long. 76°44'59"W.; to lat. 33°20'01"N., long. 76°14'40"W.; to lat. 33°00'01"N., long. 76°41'59"W.; to lat. 33°00'01"N., long. 77°28'59"W.; to lat. 33°10'01"N., long. 77°30'59"W.; to lat. 33°51'01"N., long. 77°29'59"W.; to the point of beginning.
Altitudes. Surface to unlimited, except airspace above FL 240 excluded in the following area: Beginning at lat. 33°53'12"N., long. 77°26'14"W.; to lat. 33°34'01"N., long. 77°30'24"W.; to lat. 33°51'01"N., long. 77°29'59"W.; to the point of beginning.
Times of use. Intermittent.
Controlling agency. FAA, Washington ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA

W-122 J Cherry Point, NC
Boundaries. Beginning at lat. 33 "20'01 "N., long. 76°14'40"W.; to lat. 32°50'01"N., long. 75°56'59"W.; to lat. 32°12'01"N., long. 76°48'59"W.; to lat. 32°20'01"N., long. 77°19'59"W.; to lat. 33°00'01"N., long. 77°28'59"W.; to lat. 33°00'01"N., long. 76°41'59"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Washington ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA

W-132A Charleston, SC
Boundaries. Beginning at lat. 32°34'31"N., long. 79°21'59"W.; to lat. 32°20'01"N., long. 78°35'59"W.; to lat. 32°00'01"N., long. 78°42'29"W.; to lat. 32°00'01"N., long. 79°21'59"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Jacksonville, FL
TIMES OF USE CHANGED 7/27/89

W-132B Charleston, SC
Boundaries. Beginning at lat. 32'20'01 "N., long. 78°35'59"W.; to lat. 32°12'31"N., long. 78° 12'59"W.; to lat. 32°00'01"N., long. 78°14'29"W.; to lat. 32°00'01"N., long. 78°42'29"W.; to the point of beginning.
Altitudes. Surface to and including FL 240.
Times of use. Intermittent.
Controlling agency. FAA, Jacksonville ARTCC

Using agency. Fleet Area Control and Surveillance Facility, Jacksonville, FL .
TIMES OF USE CHANGED 7/27/89

W-133 Charleston, SC
Boundaries. Beginning at lat. 32°42'11"N., long. 79°45'29"W.; to lat. 32°37'31"N., long. 79°33'24"W.; to lat. 32°34'31"N., long. 79°21'59"W.; to lat. 32°00'01"N., long. 79°21'59"W.; to lat. 32°00'01"N., long. 80°28'59"W.; to lat. 32°29'31"N., long. 80°10'34"W.; thence along a line parallel with and 3 miles from the shoreline to the point of beginning.
Altitudes. Surface to and including 4,500 feet MSL.
Times of use. Intermittent.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Jacksonville, FL
TIMES OF USE CHANGED 7/27/89

W-134 Beaufort, SC
Boundaries. Beginning at lat. 32°42'11"N., long. 79°45'29"W.; to lat. 32°37'31"N., long, 79°33'24"W.; to lat. 32°34'31"N., long. 79°21'59"W.; to lat. 32°00'01"N., long. 79°21'59"W.; to lat. 32°00'01"N., long. 80°28'59"W.; to lat. 32°29'31"N., long. 80°10'34"W.; thence along a line parallel with and 3 miles from the shoreline to the point of beginning.
Altitudes. 4,500 feet MSL to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Jacksonville, FL Remarks: Contact Beaufort Approach Control prior to entry or departure of W-134.
TIMES OF USE CHANGED 7/27/89

PENDING ACTION

W-147A Gulf of Mexico, South of Houston, TX
Boundaries. Beginning at lat. 28°57'00"N., long. 93°07'00"W.; to lat. 27°38'00"N., long. 91°55'00"W.; to lat. 27°48'00"N., long. 93°37'00"W.; to lat. 28°25'00"N., long. 94°02'00"W.; to the point of beginning.
Altitude. 5,000 feet MSL up to, but not including, FL 230.
Times of use. 0900–2200 Monday-Sunday; other times by NOTAM.
Controlling agency. FAA Houston ARTCC..
Using agency. 147th Fighter Group, Ellington Field, Houston, TX.
ADDED 6/20/96

PENDING ACTION

W–147B Gulf of Mexico, South of Houston, TX
Boundaries. Beginning at lat. 28°57'00"N., long. 93°07'00"W.; to lat. 27°38'00"N., long. 91°55'00"W.; to lat. 27°48'00"N., long. 93°37'00"W.; to lat. 28°25'00"N., long. 94°02'00"W.; to the point of beginning.
Altitude. FL 230 to FL 500.
Time of use. By NOTAM.
Controlling agency. FAA Houston ARTCC.
Using agency. 147th Fighter Group, Ellington Field, Houston, TX.
ADDED 6/20/96

PENDING ACTION

W–147C Gulf of Mexico, South of Houston, TX
Boundaries. Beginning at lat. 28 ° 33'00"N., long. 95°32'00"W.; to lat. 27°47'35"N., long. 95°52'44"W.; to lat. 28°01'01"N., long. 96°25'01"W.; to lat. 28°17'00"N., long. 96°07'00"W.; to the point of beginning.
Altitude. FL 240 to FL 500.
Time of use. 0900-2200 Monday-Sunday; other times by NOTAM.
Controlling agency. FAA Houston ARTCC.
Using agency. 147th Fighter Group, Ellington Field, Houston, TX.
ADDED 6/20/96

PENDING ACTION

W-147D Gulf of Mexico, South of Houston, TX
Boundaries. Beginning at lat. 28°52'00"N., long. 94°53'00"W.; to lat. 28°03'00"N., long. 94°20'00"W.; to lat. 27°24'48"N., long .94°32'59"W.; to lat. 26°57'39"N., long. 95°34'32"W.; to lat. 27°38'01"N., long. 95°30'01"W.; to lat. 27°47'35"N., long. 95°52'44"W.; to lat. 28°33'00"N., long. 95°32'00"W.; to the point of beginning.
Altitude. Surface to FL 500.
Time of use. 0900–2200 Monday-Sunday; other times by NOTAM.
Controlling agency. FAA Houston ARTCC.
Using agency. 147th Fighter Group, Ellington Field, Houston, TX.
ADDED 6/20/96

PENDING ACTION

W–147E Gulf of Mexico, South of Houston, TX
Boundaries. Beginning at lat. 27°24'48"N., long.. 94°32'59"W.; to lat. 26°58'00"N., long.. 94°42'00"W.; to lat. 26°00'01"N., long.. 95°59'01"W.; to lat. 26°52'01"N., long.. 95°35'01"W.; to lat. 26°57'39"N., long.. 95°34'32"W.; to the point of beginning.
Altitude. FL 260 to FL 500.
Time of use. 0900-2200 Monday-Sunday; other times by NOTAM.
Controlling agency. FAA Houston ARTCC.

Using agency. 147th Fighter Group, Ellington Field, Houston, TX.
ADDED 6/20/96

W–151A Valpariso, FL
Boundaries. Beginning at lat. 30°20' 16"N.; long. 86°48'00"W.; thence east 3 NM from and parallel to the shoreline to lat. 30°12'11"N.; long. 86°00'00"W.; to lat. 29°11'01"N.; long. 86°00'00"W.; to lat. 29°23'01"N.; long. 86°48'00"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Commander+ Armament Development and Test Center, Eglin AFB, FL

W–151B Valpariso, FL
Boundaries. Beginning at lat. 30°12'11"N.; long. 86°00'00"W.; thence east 3 NM from and parallel to the shoreline to lat. 29°32'31"N.; long. 85°00'00"W.; to lat. 28°55'01"N.; long. 85°00'00"W.; to lat. 29°11'01"N.; long. 86°00'00"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Commander, Armament Development and Test Center, Eglin AFB, FL

W–151C Valpariso, FL
Boundaries. Beginning at lat. 29°23'01"N.; long. 86°48'00"W.; to lat. 29°11'01"N.; long. 86°00'00"W.; to lat. 28'30'41 "N.; long. 86°00'00"W.; to lat. 28'41'01 "N.; long. 86°48'00"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Commander, Armament Development and Test Center, Eglin AFB, FL

W–151D Valpariso, FL
Boundaries. Beginning at lat. 29°11'01"N.; long. 86°00'00"W.; to lat. 28°55'01"N.; long. 85°00'00"W.; to lat. 28 ° 15'01 "N.; long. 85 °00'00"W.; to lat. 28'30'41 "N.; long. 86°00'00"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Commander, Armament Development and Test Center, Eglin AFB, FL

W–155A Pensacola, FL
Boundaries. Beginning at the intersection of long. 88°01'30"W.; and a line 3 NM from and parallel to the shoreline, thence E along a line 3 NM from and parallel to the shoreline to lat. 30°11'21"N., long. 87°44'15"W.; to lat 30°09'46"N., long. 87°45'45"W.; thence counterclockwise along a 30–mile arc centered on NAS Pensacola TACAN at lat. 30°21'29"N., long. 87°18'59"W.; to lat. 30°04'01"N., long. 87°41'20"W.; to lat. 30'02'51 "N., long. 87°42'20"W.; thence counterclockwise along a 30–mile arc centered at lat. 30°20'20"N., long. 87°20'00"W.; to lat. 29°54'01"N., long. 87°15'17"W.; to lat. 30°18'21"N., long. 87°00'00" W.; thence E along a line 3 NM from and parallel to the shoreline to lat. 30°20'16"N., long. 86°48'00"W.; thence S along long. 86°48'00"W.; to lat. 29°25'21"N., long. 86°48'00"W.; to lat. 29°36'01"N., long. 88°01'30"W.; thence N along long. 88°01'30"W.; to the point of beginning.
Altitudes. Surface to FL 600.
Times of use. Sunrise-0100 daily; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Pensacola Naval Air Station, Pensacola, FL
USING AGENCY CHANGED 12/10/92

W–155B Pensacola, FL
Boundaries. Beginning at lat. 29'36'01 "N., long. 88°01'30"W.; to lat. 29°25'21"N., long. 86°48'00"W.; thence S along long. 86°48'00"W.; to lat. 28°41'01"N., long. 86°48'00"W.; to lat. 28'52'3 1 "N., long. 87°44'00"W.; to lat. 29°00'01"N., long. 88°01'30"W.; to the point of beginning.
Altitudes. Surface to FL 600.
Times of use. Sunrise-0100 daily; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Pensacola Naval Air Station, Pensacola, FL
USING AGENCY CHANGED 12/10/92

W–157A Fernandina, FL
Boundaries. Beginning at lat. 32°00'01 "N., long. 80°28'59"W.; to lat. 32°00'01 "N., long. 78°42'29"W.; to lat. 30°39'01"N., long. 79°08'29"W.; to lat. 30°33'16"N., long. 80°57'59"W.; to lat. 30°43'46"N., long. 80°56'49"W.; to lat. 31°12'01"N., long. 80°58'59"W.; to lat. 31°37'01"N., long. 80°40'59"W.; to the point of beginning.
Altitudes. Surface to and including FL 430.
Times of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Jacksonville Naval Air Station, Jacksonville, FL
TIMES OF USE CHANGED 12/15/88

W-157B Fernandina, FL
Boundaries. Beginning at lat. 32°00'01"N., long. 78°42'29"W.; to lat. 32°00'01"N., long. 78°14'29"W.; to lat. 30°41'01"N., long. 78°28'29"W.; to lat. 30°39'01"N., long. 79°08'29"W.; to the point of beginning.
Altitudes. Surface to and including FL 240.
Times of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Jacksonville Naval Air Station, Jacksonville, FL
TIMES OF USE CHANGED 12/15/88

W-157C Fernandina, FL
Boundaries. Beginning at lat. 32°00'01"N., long. 78°14'29"W.; to lat. 32°00'01"N., long. 76°59'59"W.; to lat. 30°00'01"N., long. 76°59'59"W.; to lat. 30°00'01"N., long. 77° 12'59"W.; to lat. 29°30'01"N., long. 78°17'59"W.; to lat. 29°20'01"N., long. 78°20'09"W.; to lat. 29°14'23"N., long. 78°43'36"W.; to the point of beginning.
Altitudes. Surface to and including 5,000 feet MSL.
Times of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Jacksonville Naval Air Station, Jacksonville, FL
TIMES OF USE CHANGED 12/15/88

W–158A Mayport, FL
Boundaries. Beginning at lat. 30°17'26"N., long. 80°59'59"W., to lat. 30°12'01"N., long. 79°16'59"W.; to lat. 28°56'57"N., long. 79°42'40"W.; to lat. 28°50'01"N., long. 80°06'14"W.; to lat. 28°50'01"N., long. 80°41'34"W,; to lat. 29°00'01"N., long. 80°48'14"W.; to lat. 29°32'21"N., long. 81°01'39"W.; to lat. 30°03'21"N., long. 81°01'44"W.; to the point of beginning.
Altitudes. Surface to and including FL 430, excluding that airspace within W–158D, and excluding that airspace at and above 14,000 feet MSL bounded by a line drawn from: lat. 29°12'23"N., long. 79°37'26"W.; to lat. 28°56'57"N., long. 79°42'40"W.; to lat. 28°50'01"N., long. 80°06'14"W.; to lat. 28°50'01"N., long. 80°41'34"W.; to lat. 28°54'01"N., long. 80°26'59"W.; to the point of beginning.
Times of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Jacksonville Naval Air Station, Jacksonville, FL
TIMES OF USE CHANGED 12/15/88

W–158B Mayport, FL
Boundaries. Beginning at lat. 30°12'01"N., long. 79°16'59"W.; to lat. 30°10'01"N., long. 78°33'54"W.; to lat. 29°14'01"N., long. 78°43'29"W.; to lat. 28°56'57"N., long. 79°42'40"W.; to the point of beginning.
Altitudes. Surface to and including FL 240, excluding that airspace at and above 14,000 feet MSL bounded by a line drawn from: lat. 29°12'23"N., long. 79°37'26"W.; to lat. 28°56'57"N., long. 79°42'40"W.; to lat. 29°08'01"N., long. 79°04'59"W.; to lat. 29°22'16"N., long. 79°10'19"W.; to the point of beginning.
Times of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Jacksonville Naval Air Station, Jacksonville, FL
TIMES OF USE CHANGED 12/15/88

W–158C Mayport, FL
Boundaries. Beginning at lat. 32°00'01"N., long. 80°28'59"W.; to lat. 32°00'01"N., long. 78°14'29"W.; to lat. 29°14'01"N., long. 78°43'29"W.; to lat. 28°50'01"N., long. 80°06'14"W.; to lat. 28°50'01"N., long. 80°41'34"W.; to lat. 29°00'01"N., long. 80°48'14"W.; to lat. 29°32'21"N., long. 81°01'39"W.; to lat. 30°03'21"N., long. 81°01'44"W.; to lat. 30°17'26"N., long. 80°59'59"W.; to lat. 30°33'16"N., long. 80°57'59"W.; to lat. 30°43'46"N., long. 80°56'49"W.; to lat. 31°12'01"N., long. 80°58'59"W.; to lat. 31°37'01"N., long. 80°40'59"W.; to the point of beginning.
Altitudes. From FL 430 to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Jacksonville Naval Air Station, Jacksonville, FL

W–158D Mayport, FL
Boundaries. Beginning at lat. 29°29'01"N., long. 81°00'16"W., thence east along lat. 29°29'01"N., to and clockwise along the arc of a 23 NM radius circle centered on Daytona Beach Regional Airport (lat. 29°10'50"N., long. 81°03'22"W.), to and north along a line 3 NM east of and parallel to the shoreline to lat. 29°00'01"N., long. 80° 48' 14"W., to the point of beginning.
Altitudes. From 1,200 feet above the surface to and including 12,000 feet above the surface.
Times of use. Intermittent.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Jacksonville Naval Air Station, Jacksonville, FL
TIMES OF USE CHANGED 7/27/89

W–158E Mayport, FL
Boundaries. Beginning at lat. 30'36'01 "N., long. 81°21'59"W.; to lat. 30°36'01"N., long. 80°57'39"W.; to lat. 30°17'26"N., long. 80°59'59"W.; to lat. 30°03'21"N., long. 81°01'44"W.; to lat. 30°00'01"N., long.

81°01'44"W.; to lat. 30°00'01"N., long. 81°13'59"W.; to lat. 30°19'23"N., long. 81°18'07"W.; thence counterclockwise via an 8.5-statute-mile radius arc of NAS, Mayport (lat. 30°23'26"N., long. 81°25'14"W.) to lat. 30°29'46"N., long. 81°20'57"W.; to the point of beginning.
Altitudes. Surface to 1,200 feet MSL.
Times of use. Intermittent.
Controlling agency. FAA, Jacksonville TRACT
Using agency. Fleet Area Control and Surveillance Facility, Jacksonville Naval Air Station, Jacksonville, FL
TIMES OF USE CHANGED 7/27/89

W-158F Mayport, FL
Boundaries. Beginning at lat. 30'36'01 "N., long. 81°10'44"W.; to lat. 30'36'01 "N., long. 80°57'39"W.; to lat. 30°17'26"N., long. 80°59'59"W.; to lat. 30° 17'3 1 "N., long. 81 ° 10'59"W.; thence counterclockwise via a 25-statute-mile radius centered on lat. 30'27'01 "N., long. 81°33'51"W., thence to the point of beginning.
Altitudes. 1,200 feet MSL to 1,700 feet MSL.
Times of use. Intermittent.
Controlling agency. FAA, Jacksonville TRACT
Using agency. Fleet Area Control and Surveillance Facility, Jacksonville Naval Air Station, Jacksonville, FL
TIMES OF USE CHANGED 7/27/89

W-159A Jacksonville, FL
Boundaries. Beginning at lat. 30°33'16"N., long. 80°57'59"W.; to lat. 30°39'01"N., long. 79°08'29"W.; to lat. 30°12'01"N., long. 79°16'59"W.; to lat. 30°17'26"N., long. 80°59'59"W.; to the point of beginning.
Altitudes. Surface to and including FL 430.
Times of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Jacksonville Naval Air Station, Jacksonville, FL
ALTITUDES AND TIMES OF USE CHANGED 12/15/88

W-159B Jacksonville, FL
Boundaries. Beginning at lat. 30°39'01"N., long. 79°08'29"W.; to lat. 30°41'01 "N., long. 78°28'29"W.; to lat. 30°10'01"N., long. 78°33'54"W.; to lat. 30°12'01"N., long. 79°16'59"W.; to the point of beginning.
Altitudes. Surface to and including FL 240.
Times of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Jacksonville Naval Air Station, Jacksonville, FL
TIMES OF USE CHANGED 12/15/88

W-161A Myrtle Beach, SC
Boundaries. Beginning at lat. 33 °00'01 "N., long. 79°16'59"W.; to lat. 32°47'16"N., long. 78°27'39"W.; to lat. 32°20'01"N., long. 78°35'59"W.; to lat. 32°34'31"N., long. 79°21'59"W.; to lat. 32°37'31"N., long. 79°33'24"W.; to the point of beginning.
Altitudes. Surface to and including FL 620.
Times of use. Sunrise–0100.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Commander, Ninth Air Force, Shaw AFB, SC
BOUNDARIES CHANGED 11 /1 4/91

W-161B Myrtle Beach, SC
Boundaries. Beginning at lat. 32°47'16"N., long. 78°27'39"W.; to lat. 32°42'01"N., long. 78°06'59"W.; to lat. 32°12'31"N., long. 78°12'59"W.; to lat. 32°20'01 "N., long. 78°35'59"W.; to the point of beginning.
Altitudes. Surface to and including FL 240.
Times of use. Sunrise–0100.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Commander, Ninth Air Force, Shaw AFB, SC
BOUNDARIES CHANGED 11 /1 4/91

W-168A Tampa, FL
Boundaries. Beginning at lat. 27° 19'01"N., long. 84°40'00"W.; to lat. 27°19'01"N., long. 83°43'29"W.; to lat. 26°44'01"N., long. 82°31'59"W.; to lat. 26°10'01"N., long. 82°16'59"W.; to lat. 26°10'01"N., long. 83°10'29"W.; to lat. 26°20'51"N., long. 84°40'40"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Miami ARTCC
Using agency. Commander, Armament Development Test Center, Eglin AFB, FL

W-168B Tampa, FL
Boundaries. Beginning at lat. 27°19'01"N., long. 83°43'29"W.; to lat. 27°19'01"N., long. 82°46'59"W.; to lat. 26°44'01"N., long. 82°31'59"W.; to the point of beginning.
Altitudes. Surface to FL 290.
Times of use. Intermittent.
Controlling agency. FAA, Miami ARTCC
Using agency. Commander, Armament Development Test Center, Eglin AFB, FL

W-168C Tampa, FL
Boundaries. Beginning at lat. 27" 19'01"N., long. 83°43'29"W.; to lat. 27°19'01"N., long. 82°46'59"W.; to lat. 26°44'01"N., long. 82°31'59"W.; to the point of beginning.

Altitudes. FL 290 to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Miami ARTCC
Using agency. Commander, Armament Development Test Center, Eglin AFB, FL

W-174A Key West, FL
Boundaries. Beginning at lat. 25°37'01"N., long. 84°25'00"W.; to lat. 25'40'01 "N., long. 84° 17'OO"W.; to lat. 25°44'01"N., long. 82°29'59"W.; to lat. 25°14'23"N., long. 82°29'59"W.; to lat. 25°10'01"N., long. 84°51'39"W.; to the point of beginning,
Altitudes. Surface to FL 700 MSL.
Times of use. Intermittent, 0700-2300 daily.
Controlling agency. FAA, Miami ARTCC
Using agency. Commanding Officer, Naval Air Station, Key West, FL

W-174B Key West, FL
Boundaries. Beginning at lat. 25°10'01"N., long. 84°51'39"W.; to lat. 25°15'01"N., long. 81°59'59"W.; to lat. 24°43'02"N., long. 81°59'59"W.; to lat. 24°27'32"N., long. 82°36'59"W.; to lat. 24° 14'37"N., long. 82°29'44"W.; to lat. 24°00'02"N., long. 83°02'59"W.; to lat. 24°00'01 "N., long. 84°59'59"W.; to lat. 25'02'01 "N., long. 84°59'59"W.; to the point of beginning.
Altitudes. Surface to FL 700; excluding that airspace from 5,500 feet MSL to FL 700, within 5 statute miles on each side of Fish Hook RBN 245° bearing, including the additional airspace between lines diverging 5° at the RBN, extending from the RBN to the Miami oceanic boundary.
Times of use. Intermittent, 0700-2300 daily; other times by NOTAM.
Controlling agency. FAA, Miami ARTCC
Using agency. Commanding Officer, Naval Air Station, Key West, FL

W-174C Key West, FL
Boundaries. Beginning at lat. 24" 14'37"N., long. 82°29'44"W.; to lat. 24°02'32"N., long. 82°22'59"W.; to lat. 24°25'02"N., long. 81°33'59"W.; to lat. 24°25'02"N., long. 81°14'29"W.; to lat. 24°00'02"N., long. 81°18'29"W.; to lat. 24°00'02"N., long. 83°02'59"W.; to the point of beginning.
Altitudes. Surface to FL 700; excluding that airspace from 5,500 feet MSL to FL 700, within 5 statute miles on each side of Fish Hook RBN 245° bearing, including the additional airspace between lines diverging 5° at the RBN, extending from the RBN to the Miami oceanic boundary.
Times of use. Intermittent, 0700-2300 daily; other times by NOTAM.
Controlling agency. FAA, Miami ARTCC
Using agency. Commanding Officer, Naval Air Station, Key West, FL

W–174D Key West, FL
Boundaries. Beginning at lat. 24°00'02"N., long. 81°18'29"W.; to lat. 23°30'02"N., long. 81°23'29"W.; to lat. 23°30'02"N., long. 82°45'59"W.; to lat. 24°00'02"N., long. 83°19'59"W.; to the point of beginning.
Altitudes. Surface to FL 700.
Times of use. Intermittent, 0700-2300 daily; other times by NOTAM.
Controlling agency. FAA, Miami ARTCC
Using agency. Commanding Officer, Naval Air Station, Key West, FL

W-174E Key West, FL
Boundaries. Beginning at lat. 24° 40'32"N., long. 82°05'59"W.; to lat. 24°27'32"N., long. 82°36'59"W.; to lat. 24°18'30"N., long. 82°31'54"W.; to lat. 24°30'02"N., long. 82°05'59"W.; to the point of beginning.
Altitudes. Surface to 10,000 feet MSL.
Times of use. Intermittent, 0700–2300 daily; other times by NOTAM.
Controlling agency. FAA, Miami ARTCC
Using agency. Commanding officer, Naval Air Station, Key West, FL

W-174F Key West, FL
Boundaries. Beginning at lat. 25°44'01 "N., long. 82°29'59"W.; to lat. 25°45'01"N., long. 81°59'59"W.; to lat. 25°15'01"N., long. 81°59'59"W.; to lat. 25°14'23"N., long. 82°29'59"W.; to the point of beginning.
Altitudes. Surface to FL 700 MSL.
Times of use. Intermittent, 0700-2300 daily.
Controlling agency. FAA, Miami ARTCC
Using agency. Commanding Officer, Naval Air Station, Key West, FL

W-174G Key West, FL
Boundaries. Beginning at lat. 25°45'01 "N., long. 81°59'59"W.; to lat. 25°45'01"N., long. 81°40'59"W.; to lat. 25°36'01"N., long. 81°39'59"W.; to lat. 25°15'01"N., long. 81°43'59"W.; to lat. 25°15'01"N., long. 81°59'59"W.; to the point of beginning.
Altitudes. Surface to FL 700 MSL.
Times of use. Intermittent, 0700–2300 daily.
Controlling agency. FAA, Miami ARTCC
Using agency. Commanding Officer, Naval Air Station, Key West, FL

W-177A Myrtle Beach, SC
Boundaries. Beginning at lat. 33°50'31 "N., long. 78°23'44"W.; to lat. 33°50'31"N., long. 78°08'59"W.; to lat. 32°47'16"N., long. 78°27'39"W.; to lat. 33°00'01"N., long. 79°16'59"W.; to lat. 33°11'01"N., long.

79°05'29"W.; to lat. 33°17'01"N., long. 79°04'14"W.; to lat. 33°19'41"N., long. 79°02'09"W.; to lat. 33°27'41"N., long. 78°55'19"W.; to lat. 33°40'11"N., long. 78°40'14"W.; to the point of beginning; excluding that airspace at and below 6,000 feet MSL within 19 NM of Conway TACAN (lat. 33°40'56"N., long. 78°55'55"W.)
Altitudes. Surface to and including FL 500.
Times of use. Sunrise-0100.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Commander, 9th Air Field, Shaw AFB, SC
BOUNDARIES CHANGED 11/14/91

W-177B Myrtle Beach, SC
Boundaries. Beginning at lat. 33°50'31"N., long. 78°08'59"W.; to lat. 33°50'31"N., long. 78°05'59"W.; to lat. 32°55'01"N., long. 78°03'59"W.; to lat. 32°42'01"N., long. 78°06'59"W.; to lat. 32°47'16"N., long. 78°27'39"W.; to the point of beginning.
Altitudes. Surface to and including FL 240.
Times of use. Sunrise-0100,
Controlling agency. FAA, Jacksonville ARTCC
Using agency. Commander, 9th Air Field, Shaw AFB, SC
BOUNDARIES CHANGED 11/14/91

W-186 Hawaii, HI
Boundaries. Beginning at lat. 21°54'49"N., long. 159°43'50"W.; to lat. 21°33'18"N., long. 159°32'50"W.; thence clockwise along the arc of a circle radius of 32 NM centered at lat. 22°02'15"N., long. 159°47'05"W.; (Barking Sands TACAN) to lat. 21°59'46"N., long. 160°21'35"W.; to lat. 21°58'19"N., long. 159°48'45"W.; thence counterclockwise 3 NM from and parallel to the shoreline of the Island of Kauai to the point of beginning, excluding the airspace within 3 NM of the Islands of Niihau and Lehua.
Altitudes. Surface to 9,000 feet MSL.
Times of use. Continuous.
Controlling agency. FAA, Honolulu CERAP
Using agency. Commander, Pacific Missile Range Facility, HI
CONTROLLING AGENCY CHANGED 12/13/90

W-187 Hawaii, HI
Boundaries. A circular area within a radius of 5 NM centered at lat. 21°39'30"N., long. 160°32'30"W.; excluding the airspace within 3 NM of the Island of Kaula.
Altitudes. Surface to 18,000 feet MSL.
Times of use. 0700-2200 local time Monday-Friday; 0700-1800 local time Saturday-Sunday and holidays; other times by NOTAM.
Controlling agency. FAA, Honolulu CERAP.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Pearl Harbor, HI (FACSFACPH)
ADDED 8120192

W-188 Hawaii, HI
Boundaries. Beginning at lat. 21°58'19"N., long. 159°48'45"W.; to lat. 21°58'27"N., long. 159°59'50"W.; to lat. 21°59'46"N., long. 160°21'35"W.; (excluding the airspace over and within 3 NM of the Islands of Lehua and Niihau) to lat. 22°05'00"N., long. 161°34'00"W.; thence clockwise along the arc of a circle radius of 100 NM centered at lat. 22°02'15"N., long. 159°47'05"W.; (Barking Sands TACAN) to lat. 22°45'00"N., long. 161°25'00"W.; to lat. 22°56'00"N., long. 161°49'30"W.; thence clockwise along the arc of a circle radius of 125 NM centered at lat. 22°02'15"N., long. 159°47'05"W.; (Barking Sands TACAN) to lat. 23°57'45"N., long. 160°41'00"W.; to lat. 25°41'00"N., long. 161°36'00"W.; thence clockwise along the arc of a circle radius of 240 NM centered at lat. 22°02'15"N., long. 159°47'05"W.; (Barking Sands TACAN) to lat. 25°47'00"N., long. 158°15'00"W.; to lat. 23°54'00"N., long. 158°15'00"W.; to lat. 22°20'16"N., long. 159°08'50"W.; thence counterclockwise along the arc of a circle radius of 25 NM centered at lat. 21°57'55"N., long. 159°20'17"W.; (Lihue VORTAC) to lat. 22°12'48"N., long. 159°41'50"W.; thence counterclockwise 3 NM from and parallel to the shoreline of the Island of Kauai to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Continuous.
Controlling agency. FAA, Honolulu CERAP
Using agency. Commander, Pacific Missile Range Facility, HI
CONTROLLING AGENCY CHANGED 12/13/90

W-189 Hawaii, HI
Boundaries. Beginning at lat. 23°53'30"N., long. 158°15'00"W.; thence clockwise along the arc of a circle radius of 130 NM centered at lat. 21°57'55"N., long. 159°20'17"W.; (Lihue VORTAC) to lat. 23°19'00"N., long. 157°30'00"W.; to lat. 21°58'46"N., long. 157°29'50"W.; thence counterclockwise along the arc of a circle radius of 35 NM centered at lat. 21'27'01 "N., long. 157°45'50"W.; (Kaneohe Bay TACAN) to lat. 22°00'47"N., long. 157°55'50"W.; to lat. 21°44'48"N., long. 157°52'50"W.; to lat. 21°46'48"N., long. 157°59'50"W.; to lat. 21°43'48"N., long. 158°03'50"W.; to lat. 21°37'49"N., long. 158°08'50"W.; thence counterclockwise 3 NM from and parallel to the shoreline of Oahu to lat. 21°35'48"N., long. 158°19'50"W.; to lat. 21°58'47"N., long. 158°53'20"W.; thence

counterclockwise along the arc of a circle radius of 25 NM centered at lat. 21 °57'55"N., long. 159°20'17"W.; (Lihue VORTAC) to lat. 22°20'46"N., long. 159°08'50"W.; to the point of beginning.

Altitudes. Surface to unlimited.

Times of use. 0700–2200 local time Monday-Friday; 0700-1800 local time Saturday-Sunday and holidays; other times by NOTAM.

Controlling agency. FAA, Honolulu CERAP

Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Pearl Harbor, HI (FACSFACPH)

TIMES OF USE CHANGED 8/20/92

W-190 Hawaii, HI

Boundaries. Beginning at lat. 22°59'42"N., long. 157°29'50"W.; to lat. 22°59'42"N., long. 157°08'50"W.; to lat. 22°35'44"N., long. 156°59'50"W.; to lat. 22° 10'45"N., long. 156°59'50"W.; to lat. 21°49'35"N., long. 157°17'05"W.; thence counterclockwise along the arc of a circle radius of 35 NM centered at lat. 21°27'01"N., long. 157°45'50"W.; (Kaneohe Bay TACAN) to lat. 21°58'46"N., long. 157°29'50"W.; to the point of beginning.

Altitudes. Surface to unlimited.

Times of use. 0700-2200 local time Monday-Friday; 0700-l 800 local time Saturday-Sunday and holidays; other times by NOTAM.

Controlling agency. FAA, Honolulu CERAP

Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Pearl Harbor, HI (FACSFACPH)

TIMES OF USE CHANGED 8/20/92

W-191 Hawaii, HI

Boundaries. Beginning at lat. 20°54'09"N., long. 158°10'47"W.; thence counterclockwise along the arc of a circle of 28 nautical miles in radius centered at lat. 21 °18'30"N., long. 157°55'49"W.; to lat. 20°52'16"N., long. 157°45'06"W.; to lat. 20°42'53"N., long. 157° 41' 18" W.; thence clockwise along the arc of a circle of 38 nautical miles in radius centered at lat. 21 °18'30"N., long. 157°55'49"W.; to lat. 20°45'27"N., long. 158°16'06"W.; thence to the point of beginning.

Altitudes. Surface to 3,000 feet MSL.

Times of use. 0700-2200 local time Monday-Friday; 0700-l 800 local time Saturday-Sunday and holidays; other times by NOTAM.

Controlling agency. FAA, Honolulu CERAP

Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Pearl Harbor, HI (FACSFACPH)

TIMES OF USE CHANGED 8/20/92

W-192 Hawaii, HI

Boundaries. Beginning at lat. 20°45'27"N., long. 158°16'06"W.; thence counterclockwise along the arc of a circle of 38 nautical miles in radius centered at lat. 21 °18'30"N., long. 157°55'49"W.; to lat. 20°41'04"N., long. 158°03'33"W.; to lat. 18°50'42"N., long. 158°26'00"W.; thence clockwise along the arc of a circle of 150 nautical miles in radius centered at lat. 21 °18'30"N., long. 157°55'49"W.; to lat. 19°07'50"N., long. 159°15'01"W.; to the point of beginning.

Altitudes. Surface to unlimited.

Times of use. 0700-2200 local time Monday-Friday; 0700–1800 local time Saturday-Sunday and holidays; other times by NOTAM.

Controlling agency. FAA, Honolulu CERAP

Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Pearl Harbor, HI (FACSFACPH)

TIMES OF USE CHANGED 8/20/92

W-193 Hawaii, HI

Boundaries. Beginning at lat. 20°41'04"N., long. 158°03'33'W.; thence counterclockwise along the arc of a circle of 38 nautical miles in radius centered at lat. 21 °18'30"N., long. 157°55'49"W.; to lat. 20°41'30"N., long. 157°46'01"W.; to lat. 18°52'23"N., long. 157° 17'34"W.; thence clockwise along the arc of a circle of 150 nautical miles in radius centered at lat. 21" 18'30"N., long. 157°55'49"W.; to lat. 18°50'42"N., long. 158°26'00"W. to the point of beginning.

Altitudes. Surface to unlimited.

Times of use. 0700-2200 local time Monday-Friday; 0700–1800 local time Saturday-Sunday and holidays; other times by NOTAM.

Controlling agency. FAA, Honolulu CERAP

Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Pearl Harbor, HI (FACSFACPH)

TIMES OF USE CHANGED 8/20/92

W-194 Hawaii, HI

Boundaries. Beginning at lat. 20°41'30"N., long. 157° 46'01"W.; thence counterclockwise along the arc of a circle 38 nautical miles in radius centered at lat. 21 °18'30"N., long. 157°55'49"W.; to lat. 20°42'53"N., long. 157°41'18"W.; to lat. 20°42'05"N., long. 157°25'37"W.; to lat. 20°28'14"N., long. 157°14'13"W.; to lat. 20°03'35"N., long. 156°54'02"W.; to lat. 19°41'14"N., long. 156°35'50"W.; to lat. 19°08'15"N., long. 156°35'50"W.; thence clockwise along the arc of a circle of 150 nautical miles in radius centered at lat. 21 °18'30"N., long. 157°55'49"W.; to lat. 18°52'23"N., long. 157°17'34"W.; to the point of beginning.

Altitudes. Surface to unlimited.

Times of use. 0700-2200 local time Monday-Friday; 0700-1800 local time Saturday-Sunday and holidays; other times by **NOTAM.**
Controlling agency. FAA, Honolulu CERAP
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Pearl Harbor, HI (FACSFACPH)
TIMES OF USE CHANGED 8/20/92

W-196 Hawaii, HI
Boundaries. Beginning at lat. 20°57'35"N., long. 158'06' 13"W.; thence counterclockwise along the arc of a circle 23 nautical miles in radius centered at lat. 21 ° 18'30"N., long. 157°55'49"W.; to lat. 20°56'19"N., long. 157°49'03"W.; to lat. 20°51'29"N., long. 157°47'35"W.; thence clockwise along the arc of a circle of 28 nautical miles in radius centered at lat. 21 ° 18'30"N., long. 157°55'49"W.; to lat. 20°53'02"N., long. 158°08'28"W.; to the point of beginning.
Altitudes. Surface to 2,000 feet MSL.
Times of use. 0700-2200 local time Monday-Friday; 0700–1800 local time Saturday-Sunday and holidays; other times by **NOTAM.**
Controlling agency. Honolulu Tower.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Pearl Harbor, HI (FACSFACPH)
TIMES OF USE CHANGED 8/20/92

W–228A Corpus Christi, TX
Boundaries. Beginning at lat. 28°08'01"N., long. 96°41'01"W.; to lat. 28°01'01"N., long. 96°25'01"W.; thence clockwise along the 55 NM arc of Corpus Christi VORTAC; to lat. 26°59'31"N., long. 97°19'01"W.; thence along a line 3 NM from and parallel to the shoreline and to lat. 27°11'01"N.; to lat. 27°23'01"N., long. 97°06'01"W.; to lat. 27°15'01"N., long. 96°56'01"W.; to lat. 27°28'01"N., long. 96°46'01"W.; to lat. 27°46'01"N., long. 96°51'01"W.; to INT of lat. 27°49'01"N., and a line 3 NM from shoreline; thence NE along a line 3 NM from and parallel to the shoreline; to the point of beginning.
Altitudes. Surface to FL 450.
Times of use. Continuous.
Controlling agency. FAA, Houston ARTCC, TX
Using agency. Chief of Naval Air Training, Naval Air Station Corpus Christi, TX

W–228B Corpus Christi, TX
Boundaries. Beginning at lat. 28°01'01"N., long. 96°25'01"W.; to lat. 27°38'01"N., long. 95°30'01"W.; to lat. 27°15'01"N., long. 95°33'01"W.; to lat. 27°34'01"N., long. 96°29'01"W.; thence counterclockwise along the 55 NM arc of Corpus Christi VORTAC; to the point of beginning.
Altitudes. Surface to FL 450.
Times of use. Continuous.
Controlling agency. FAA, Houston ARTCC, TX
Using agency. Chief of Naval Air Training, Naval Air Station Corpus Christi, TX

W–228C Corpus Christi, TX
Boundaries. Beginning at lat. 27°32'01"N., long. 96°30'01"W.; thence counterclockwise along the 55 NM arc of Corpus Christi VORTAC; to lat. 27'34'01 "N., long. 96°29'01"W.; to lat. 27°15'01"N., long. 95°33'01"W.; to lat. 26°52'01"N., long. 95°35'01"W.; to lat. 26°00'01"N., long. 95°59'01"W.; to lat. 26°00'01"N., long. 96°30'01"W.; to the point of beginning.
Altitudes. Surface to FL 450.
Times of use. Continuous.
Controlling agency. FAA, Houston ARTCC, TX
Using agency. Chief of Naval Air Training, Naval Air Station Corpus Christi, TX

W–228D Corpus Christi, TX
Boundaries. Beginning at lat. 26'59'3 1 "N., long. 97° 19'01"W.; thence counterclockwise along the 55 NM arc of Corpus Christi VORTAC; to lat. 27'32'01 "N., long. 96°30'01"W.; to lat. 26°00'01"N., long. 96°30'01"W.; to lat. 26°00'01"N., long. 97°06'01"W.; thence along a line 3 NM from and parallel to the shoreline; to the point of beginning.
Altitudes. Surface to FL 450.
Times of use. Continuous.
Controlling agency. FAA, Houston ARTCC, TX
Using agency. Chief of Naval Air Training, Naval Air Station Corpus Christi, TX

W–237A High Washington Coastal, WA
Boundaries. Beginning at lat. 47°3 1'59"N., long. 125°41'05"W.; to lat. 47°41'29"N., long. 124°33'05"W.; thence southbound 3 miles parallel to the shoreline ending at lat. 47°05'59"N., long. 124° 14'53"W.; to lat. 47°00'29"N., long. 124°30'05"W.; to lat. 46°49'59"N., long. 125 ° 24'05" W.; to the point of beginning.
Altitudes. FL 230 to but not including FL 500.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Seattle ARTCC
Using agency. USN, Commanding Officer, NAS Whidbey Island
ADDED 11/11/93

W–237A Low Washington Coastal, WA
Boundaries. Beginning at lat. 47°3 1'59"N., long. 125°41'05"W.; to lat. 47°41'29"N., long. 124°33'05"W.; thence southbound 3 miles parallel to the shoreline ending at lat. 47°05'59"N., long. 124°14'53"W.; to lat.

47°00'29"N., long. 124°30'05"W.; to lat. 46°49'59"N., long. 125°24'05"W.; to the point of beginning.
Altitudes. Surface to but not including FL 230.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Seattle ARTCC
Using agency. USN, Commanding Officer, NAS Whidbey Island
ADDED 11/11/93

W-237B High Washington Coastal, WA
Boundaries. Beginning at lat. 48°08'59"N., long. 125°56'05"W.; to lat. 48°08'59"N., long. 124°48'05"W.; thence southbound 3 miles parallel to the shoreline ending at lat. 47" 41'29"N., long. 124°33'05"W.; to lat. 47°31'59"N., long. 125°41'05"W.; to the point of beginning.
Altitudes. FL 230 to but not including FL 500.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Seattle ARTCC
Using agency. USN, Commanding Officer, NAS Whidbey Island
ADDED 11/11/93

W-237B Low Washington Coastal, WA
Boundaries. Beginning at lat. 48°08'59"N., long. 125°56'05"W.; to lat. 48°08'59"N., long. 124°48'05"W.; thence southbound 3 miles parallel to the shoreline ending at lat. 47°41'29"N., long. 124°33'05"W.; to lat. 47°31'59"N., long. 125°41'05"W.; to the point of beginning.
Altitudes. Surface to but not including FL 230.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Seattle ARTCC
Using agency. USN, Commanding Officer, NAS Whidbey Island
ADDED 11/11/93

W-260 San Francisco, CA
Boundaries. Beginning at lat. 39°00'00"N., long. 124°00'00"W.; to lat. 38°51'00"N., long. 124°00'00"W.; to lat. 38°21'30"N., long. 123°26'10"W.; to lat. 38°07'00"N., long. 123°15'14"W.; to lat. 38°02'00"N., long. 123°17'50"W.; to lat. 38°00'00"N., long. 123°23'04"W.; to lat. 37°50'00"N., long. 124°24'34"W.; to lat. 38°05'30"N., long. 125°22'04"W.; to lat. 38°52'00"N., long. 125°52'34"W.; to the point of beginning.
Altitudes. Surface to FL 600.
Times of use. Continuous.
Controlling agency. FAA, Oakland ARTCC
Using agency. Commander, Fleet Area Control and Surveillance Facility, San Diego, CA
BOUNDARIES CHANGED 9/14/95

W-283 San Francisco, CA
Boundaries. Beginning at lat. 36°52'00"N., long. 123" 10'04"W.; to lat. 36°20'00"N., long. 124" 19'04"W.; to lat. 35°13'00"N., long. 123°34'04"W.; to lat. 35°29'00"N., long. 123°00'04"W.; to lat. 35°04'00"N., long. 122°43'04"W.; to lat. 35°20'55"N., long. 122°06'59"W.; to the point of beginning.
Altitudes. Surface to FL 600.
Times of use. 1300-0500 Monday-Friday.
Controlling agency. FAA, Oakland ARTCC
Using agency. Commander, Fleet Area Control and Surveillance Facility, San Diego, CA
TIMES OF USE CHANGED 12/5/88

W–285A San Francisco, CA
Boundaries. Beginning at lat. 37°05'00"N., long. 122°43'04"W.; to lat. 35°58'00"N., long. 121°57'04"W.; to lat. 35°37'00"N., long. 121°32'04"W.; to lat. 35°20'55"N., long. 122°06'59"W.; to lat. 36°52'00"N., long. 123 °10'04"W.; to the point of beginning.
Altitudes. Surface to FL 450, except surface to, but not including 14,000 feet MSL below W-285B.
Times of use. 1300–0500 Monday-Friday.
Controlling agency. FAA, Oakland ARTCC
Using agency. U.S. Navy, Commander, Fleet Area Control and Surveillance Facility, San Diego, CA
ALTITUDES CHANGED 2/7/91

W–285B San Francisco, CA
Boundaries. Beginning at lat. 37°05'00"N., long. 122°43'04"W.; to lat. 35°58'00"N., long. 121°57'04"W.; to lat. 35°37'00"N., long. 121°32'04"W.; to lat. 36°11'00"N., long. 122°23'34"W.; to lat. 36°59'00"N., long. 122°55'49"W.; to the point of beginning.
Altitudes. 14,000 feet MSL to FL 450.
Times of use. 1300-0500 Monday-Friday.
Controlling agency. FAA, Oakland ARTCC
Using agency. U.S. Navy, Commander, Fleet Area Control and Surveillance Facility, San Diego, CA
ALTITUDES CHANGED 2/7/91

W-289 Point Mugu, CA
Boundaries. Beginning at lat. 34°05'55"N., long. 119°12'33"W.; thence 3 NM from and parallel to the shoreline to lat. 34°02'15"N., long. 119°04'23"W.; to lat. 33°52'03"N., long. 119°07'02"W.; to lat. 32°56'31"N., long. 119°07'03"W.; to lat. 32°50'25"N., long. 119° 15'25"W.; to lat. 32°13'30"N., long. 121°43'04"W.; to lat. 33°14'53"N., long. 122" 19'19"W.; to lat. 34°05'24"N., long. 120°30'04"W.; to lat. 34°00'00"N.,

long. 120°30'04"W.; to lat. 34°00'00"N., long. 119°37'43"W.; to the point of beginning, excluding that portion which would coincide with W-412, R–2535A, and R-2535B.
Altitudes. Unlimited.
Times of use. Intermittent
Controlling agency. FAA, Los Angeles ARTCC
Using agency. U.S. Navy, Commander, Naval Air Warfare Center Weapons Division, Point Mugu, CA
USING AGENCY CHANGED 11 /11 /93

W–289N Point Mugu, CA
Boundaries. Beginning at lat. 34°06'45"N., long. 120°30'04"W.; to lat. 34°08'00"N., long. 120°25'44"W.; to lat. 34°08'00"N., long. 120°10'49"W.; to lat. 34°00'00"N., long. 120° 16'04"W.; to lat. 34°00'00"N., long. 120°30'04"W.; to the point of beginning.
Altitudes. Surface to FL 240.
Times of use. Intermittent
Controlling agency. FAA, Los Angeles ARTCC
Using agency. U.S. Navy, Commander, Naval Air Warfare Center Weapons Division, Point Mugu, CA
USING AGENCY CHANGED 11 /11 /93

W-290 San Diego, CA
Boundaries. Beginning at lat. 33°28'30"N., long. 119°07'03"W.; to lat. 33°28'30"N., long. 119°04'03"W.; to lat. 33°27'20"N., long. 119°01'43"W.; to lat. 33°28'30"N., long. 119°00'13"W.; to lat. 33°28'30"N., long. 118°37'03"W.; to lat. 33°19'30"N., long. 118°37'03"W.; to lat. 32°56'31"N., long. 119°07'03"W.; to the point of beginning.
Altitudes. Surface to FL 800.
Times of use. Intermittent.
Controlling agency. FAA, Los Angeles ARTCC
Using agency. U.S. Navy, Commander, Naval Air Warfare Center Weapons Division, Point Mugu, CA
USING AGENCY CHANGED 8/20/92

W-291 San Diego, CA
Boundaries. Beginning at lat. 33°12'30"N., long. 117°58'48"W.; to lat. 32°53'00"N., long. 117°41'43"W.; to lat. 32°36'50"N., long. 117°32'57"W.; to lat. 32°31'30"N., long. 117°30'03"W.; to lat. 32°13'00"N., long. 117°30'03"W.; to lat. 32°13'00"N., long. 117°12'03"W.; to lat. 29°35'00"N., long. 115°57'03"W.; to lat. 29°35'00"N., long. 118°10'03"W.; to lat. 24°00'01"N., long. 125°00'03"W.; to lat. 27°30'00"N., long. 127 ° 10'04" W.; to lat. 30° 40'00"N., long. 120°50'03"W.; to lat. 30°50'00"N., long. 120°40'03"W.; to lat. 31°50'00"N., long. 119°42'03"W.; to lat. 32°12'15"N., long. 119°42'03"W.; to lat. 32°44'30"N., long. 119°07'03"W.; to lat. 33° 16'35"N., long. 118°25'03"W.; to the point of beginning.
Altitudes. Surface to FL 800.
Times of use. Intermittent
Controlling agency. FAA, Los Angeles ARTCC
Using agency. Fleet Air Control and Surveillance Facility, San Diego, CA

W–368A Culebra, PR
Boundaries. Beginning at lat. 20°00'00"N., long. 65°48'17"W.; to lat. 20°00'00"N., long. 65°30'00"W.; to lat. 19°30'00"N., long. 65°30'00" W.; to lat. 19°30'00"N., long. 65°55'00"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent, normally sunrise to sunset.
Controlling agency. FAA, San Juan CERAP
Using agency. U.S. Navy, Atlantic Fleet Weapons Training Facility, Naval Station Roosevelt Roads, PR
ADDED 6/25/92

W–368B Culebra, PR
Boundaries. Beginning at lat. 20°00'00"N., long. 65°30'00"W.; to lat. 20°00'00"N., long. 65°00'00"W.; to lat. 19°30'00"N., long. 65°00'00"W.; to lat. 19°30'00"N., long. 65°30'00"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent, normally sunrise to sunset.
Controlling agency. FAA, San Juan CERAP
Using agency. U.S. Navy, Atlantic Fleet Weapons Training Facility, Naval Station Roosevelt Roads, PR
ADDED 6/25/92

W–368C Culebra, PR
Boundaries. Beginning at lat. 19°30'00"N., long. 65°55'00"W.; to lat. 19°30'00"N., long. 65°30'00"W.; to lat. 18°44'53"N., long. 65°29'59"W.; to lat. 18°44'53"N., long. 65°54'59"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent, normally sunrise to sunset.
Controlling agency. FAA, San Juan CERAP
Using agency. U.S. Navy, Atlantic Fleet Weapons Training Facility, Naval Station Roosevelt Roads, PR
ADDED 6/25/92

W–368D Culebra, PR
Boundaries. Beginning at lat. 19° 30'00"N., long. 65°30'00"W.; to lat. 19°30'00"N., long. 65°00'00"W.; to lat. 18°44'53"N., long. 64°59'59"W.; to lat. 18°44'53"N., long. 65°29'59"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent, normally sunrise to sunset.
Controlling agency. FAA, San Juan CERAP

Using agency. U.S. Navy, Atlantic Fleet Weapons Training Facility, Naval Station Roosevelt Roads, PR
ADDED 6/25/92

W–369A Culebra, PR
Boundaries. Beginning at lat. 20°00'00"N., long. 65°00'00"W.; to lat. 20°00'00"N., long. 64°30'00"W.; to lat. 19°30'00"N., long. 64°30'00"W.; to lat. 19°30'00"N., long. 65 °00'00"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent, normally sunrise to sunset.
Controlling agency. FAA San Juan CERAP
Using agency. U.S. Navy, Atlantic Fleet Weapons Training Facility, Naval Station Roosevelt Roads, PR
ADDED 6/25/92

W–369B Culebra, PR
Boundaries. Beginning at lat. 20°00'00"N., long. 64°30'00"W.; to lat. 20°00'00"N., long. 64°00'00"W.; to lat. 19°30'00"N., long. 64°00'00"W.; to lat. 19°30'00"N., long. 64°30'00"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent, normally sunrise to sunset.
Controlling agency. FAA, San Juan CERAP
Using agency. U.S. Navy, Atlantic Fleet Weapons Training Facility, Naval Station Roosevelt Roads, PR
ADDED 6/25/92

W-369C Culebra, PR
Boundaries. Beginning at lat. 20°00'00"N., long. 64°00'00"W.; to lat. 20°02'02"N., long. 63°59'56"W.; to lat. 19°30'00"N., long. 63°37'40"W.; to lat. 19°30'00"N., long. 64°00'00"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent, normally sunrise to sunset.
Controlling agency. FAA, San Juan CERAP
Using agency. U.S. Navy, Atlantic Fleet Weapons Training Facility, Naval Station Roosevelt Roads, PR
ADDED 6/25/92

W-369D Culebra, PR
Boundaries. Beginning at lat. 19°30'00"N., long. 65°00'00"W.; to lat. 19°30'00"N., long. 64°30'00"W.; to lat. 18°44'53"N., long. 64°29'59"W.; to lat. 18°44'53"N., long. 64°59'59"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent, normally sunrise to sunset.
Controlling agency. FAA, San Juan CERAP
Using agency. U.S. Navy, Atlantic Fleet Weapons Training Facility, Naval Station Roosevelt Roads, PR
ADDED 6/25/92

W-369E Culebra, PR
Boundaries. Beginning at lat. 19°30'00"N., long. 64°30'00"W.; to lat. 19°30'00"N., long. 64°00'00"W.; to lat. 18°49'53"N., long. 63°59'58"W.; to lat. 18°49'53"N., long. 64°29'58"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent, normally sunrise to sunset.
Controlling agency. FAA, San Juan CERAP
Using agency. U.S. Navy, Atlantic Fleet Weapons Training Facility, Naval Station Roosevelt Roads, PR
ADDED 6/25/92

W-369F Culebra, PR
Boundaries. Beginning at lat. 19° 30'00"N., long. 64°00'00"W.; to lat. 19°30'00"N., long. 63°37'40"W.; to lat. 18°50'00"N., long. 63°10'00"W.; to lat. 18°49'53"N., long. 63°59'58"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent, normally sunrise to sunset.
Controlling agency. FAA, San Juan CERAP
Using agency. U.S. Navy, Atlantic Fleet Weapons Training Facility, Naval Station Roosevelt Roads, PR
ADDED 6/25/92

W-370A Vieques, PR
Boundaries. Beginning at lat. 17°49'53"N., long. 66°16'59"W.; to lat. 17°49'53"N., long. 66°05'59"W.; to lat. 17°29'53"N., long. 65°54'58"W.; to lat. 17°29'53"N., long. 66°18'20"W.; to lat. 17°44'53"N., long. 66°16'49"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent, normally sunrise to sunset.
Controlling agency. FAA, San Juan CERAP
Using agency. U.S. Navy, Atlantic Fleet Weapons Training Facility, Naval Station Roosevelt Roads, PR
ADDED 6/25/92

W-370B Vieques, PR
Boundaries. Beginning at lat. 17°29'53"N., long. 66°18'20"W.; to lat. 17°29'53"N., long. 65°54'58"W.; to lat. 17°09'53"N., long. 65°43'59"W.; to lat. 16°50'00"N., long. 65°40'00"W.; to lat. 16°50'00"N., long. 66°22'23"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent, normally sunrise to sunset.
Controlling agency. FAA, San Juan CERAP
Using agency. U.S. Navy, Atlantic Fleet Weapons Training Facility, Naval Station Roosevelt Roads, PR
ADDED 6/25/92

W-371 Ponce, PR
Boundaries. Beginning at lat. 18°04'53"N., long. 67°54'59"W.; to lat. 18°04'53"N., long. 67°15'04"W.; 3 NM from and parallel to the shoreline; to lat. 17°55'33"N.,

long. 66°37'59"W.; to lat. 17°44'53"N., long. 66°38'59"W.; to lat. 17°00'00"N., long. 66°43'00"W.; to lat. 16°36'00"N., long. 66°45'00"W.; to lat. 16°30'00"N., long. 66°46'00"W.; to lat. 16°30'00"N., long. 67°55'00"W.; to the point of beginning.
Altitudes. Surface to FL 3 10.
Times of use. 0700-2200 daily.
Controlling agency. FAA, San Juan CERAP
Using agency. Puerto Rico Air National Guard, San Juan, PR

W-372A Ponce, PR
Boundaries. Beginning at lat. 16°50'00"N., long. 66°22'23"W.; to lat. 16°50'00"N., long. 66°00'00"W.; to lat. 16°30'00"N., long. 66°00'00"W.; to lat. 16°30'00"N., long. 66°24'00"W.; to lat. 16°34'00"N., long. 66°24'00"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent, normally sunrise to sunset.
Controlling agency. FAA, San Juan CERAP
Using agency. U.S. Navy, Atlantic Fleet Weapons Training Facility, Naval Station Roosevelt Roads, PR
ADDED 6/25/92

W-372B Ponce, PR
Boundaries. Beginning at lat. 16°50'00"N., long. 66°00'00"W.; to lat. 16°50'00"N., long. 65°40'00"W.; to lat. 16°30'00"N., long. 65°36'00"W.; to lat. 16°30'00"N., long. 66°00'00"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent, normally sunrise to sunset.
Controlling agency. FAA, San Juan CERAP
Using agency. U.S. Navy, Atlantic Fleet Weapons Training Facility, Naval Station Roosevelt Roads, PR
ADDED 6/25/92

W–372C Ponce, PR
Boundaries. Beginning at lat. 16°30'00"N., long. 66°23'00"W.; to lat. 16°30'00"N., long. 66°00'00"W.; to lat. 16"10'00"N., long. 66°00'00"W.; to lat. 16"10'00"N., long. 66°23'00"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent, normally sunrise to sunset.
Controlling agency. FAA, San Juan CERAP
Using agency. U.S. Navy, Atlantic Fleet Weapons Training Facility, Naval Station Roosevelt Roads, PR
ADDED 6/25/92

W-372D Ponce, PR
Boundaries. Beginning at lat. 16°30'00"N., long. 66°00'00"W.; to lat. 16°30'00"N., long. 65°36'00"W.; to lat. 16°10'00"N., long. 65°31'33"W.; to lat. 16°10'00"N., long. 66°00'00"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent, normally sunrise to sunset.
Controlling agency. FAA, San Juan CERAP
Using agency. U.S. Navy, Atlantic Fleet Weapons Training Facility, Naval Station Roosevelt Roads, PR
ADDED 6/25/92

W-372E Ponce, PR
Boundaries. Beginning at lat. 16°10'00"N., long. 66°23'00"W.; to lat. 16°10'00"N., long. 66°00'00"W.; to lat. 15°50'00"N., long. 66°00'00"W.; to lat. 15°50'00"N., long. 66°23'00"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent, normally sunrise to sunset.
Controlling agency. FAA, San Juan CERAP
Using agency. U.S. Navy, Atlantic Fleet Weapons Training Facility, Naval Station Roosevelt Roads, PR
ADDED 6/25/92

W–372F Ponce, PR
Boundaries. Beginning at lat. 16° 10'00"N., long. 66°00'00"W.; to lat. 16°10'00"N., long. 65°31'33"W.; to lat. 16°03'00"N., long. 65°30'00"W.; to lat. 15°50'00"N., long. 65°45'38"W.; to lat. 15°50'00"N., long. 66°00'00"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent, normally sunrise to sunset.
Controlling agency. FAA, San Juan CERAP
Using agency. U.S. Navy, Atlantic Fleet Weapons Training Facility, Naval Station Roosevelt Roads, PR
ADDED 6/25/92

W-3726 Ponce, PR
Boundaries. Beginning at lat. 15°50'00"N., long. 66°23'00"W.; to lat. 15°50'00"N., long. 65°45'38"W.; to lat. 15°33'00"N., long. 66°06'00"W.; to lat. 15°39'00"N., long. 66°23'00"W.; to point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent, normally sunrise to sunset.
Controlling agency. FAA, San Juan CERAP
Using agency. U.S. Navy, Atlantic Fleet Weapons Training Facility, Naval Station Roosevelt Roads, PR
ADDED 6/25/92

W-373A Ponce, PR
Boundaries. Beginning at lat. 17" 49'53"N., long. 66°05'59"W.; to lat. 17°49'53"N., long. 65°33'59"W.; to lat. 17°46'42"N., long. 65°29'59"W.; to lat. 17°29'53"N., long. 65°29'59"W.; to lat. 17°29'53"N., long. 65°54'58"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent, normally sunrise to sunset.
Controlling agency. FAA, San Juan CERAP

Using agency. U.S. Navy, Atlantic Fleet Weapons Training Facility, Naval Station Roosevelt Roads, PR
ADDED 6/25/92

W–373B Ponce, PR
Boundaries. Beginning at lat. 17°29'53"N., long. 65°54'58"W.; to lat. 17°29'53"N., long. 65°29'59"W.; to lat. 16°50'00"N., long. 65°30'00"W.; to lat. 16°50'00"N., long. 65°40'00"W.; to lat. 17°09'53"N., long. 65°43'59"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent, normally sunrise to sunset.
Controlling agency. FAA, San Juan CERAP
Using agency. U.S. Navy, Atlantic Fleet Weapons Training Facility, Naval Station Roosevelt Roads, PR
ADDED 6/25/92

W-373C Ponce, PR
Boundaries. Beginning at lat. 17°46'42"N., long. 65°29'59"W.; to lat. 17°29'53"N., long. 65°08'57"W.; to lat. 17°29'53"N., long. 65°29'59"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent, normally sunrise to sunset.
Controlling agency. FAA, San Juan CERAP
Using agency. U.S. Navy, Atlantic Fleet Weapons Training Facility, Naval Station Roosevelt Roads, PR
ADDED 6/25/92

W-373D Ponce, PR
Boundaries. Beginning at lat. 17°29'53"N., long. 65°29'59"W.; to lat. 17°29'53"N., long. 65°08'57"W.; to lat. 16°57'00"N., long. 64°28'00"W.; to lat. 16°50'00"N., long. 64°35'00"W.; to lat. 16°50'00"N., long. 65°30'00"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent, normally sunrise to sunset.
Controlling agency. FAA, San Juan CERAP
Using agency. U.S. Navy, Atlantic Fleet Weapons Training Facility, Naval Station Roosevelt Roads, PR
ADDED 6/25/92

W-374 San Juan, PR
Boundaries. Beginning at lat. 17°44'53"N., long. 66°16'50"W.; to lat. 17°00'00"N., long. 66°21'30"W.; to lat. 17°00'00"N., long. 66°43'00"W.; to lat. 17°44'53"N., long. 66°38'59"W.; to the point of beginning.
Altitudes. Surface to 6,000 feet MSL
Times of use. Intermittent.
Controlling agency. FAA, San Juan CERAP
Using agency. Atlantic Fleet Weapons Training Facility, Naval Station, Roosevelt Roads, PR

W-375 San Juan, PR
Boundaries. Beginning at lat. 17°00'00"N., long. 66°21'30"W.; to lat. 16°34'00"N., long. 66°24'00"W.; to lat. 16°30'00"N., long. 66°24'00"W.; to lat. 16°30'00"N., long. 66°46'00"W.; to lat. 16°36'00"N., long. 66°45'00"W.; to lat. 17°00'00"N., long. 66°43'00"W.; to the point of beginning
Altitudes. Surface to 6,000 feet MSL
Times of use. Intermittent.
Controlling agency. FAA, San Juan CERAP
Using agency. Atlantic Fleet Weapons Training Facility, Naval Station, Roosevelt Roads, PR

W-376 San Juan, PR
Boundaries. Beginning at lat. 17°00'00"N., long. 66°21'30"W.; to lat. 16°34'00"N., long. 66°24'00"W.; to lat. 16°30'00"N., long. 66°24'00"W.; to lat. 16°30'00"N., long. 66°46'00"W.; to lat. 16°36'00"N., long. 66°45'00"W.; to lat. 17°00'00"N., long. 66°43'00"W.; to the point of beginning
Altitudes. 17,000 to 21,000 feet MSL
Times of use. Intermittent.
Controlling agency. FAA, San Juan CERAP
Using agency. Atlantic Fleet Weapons Training Facility, Naval Station, Roosevelt Roads, PR

W-377A Ponce, PR
Boundaries. Beginning at lat. 16°50'00"N., long. 65°40'00"W.; to lat. 16°50'00"N., long. 64°35'00"W.; to lat. 16°47'00"N., long. 64°38'00"W.; to lat. 16°30'00"N., long. 64°58'10"W.; to lat. 16°30'00"N., long. 65°36'OO"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent, normally sunrise to sunset.
Controlling agency. FAA, San Juan CERAP
Using agency. U.S. Navy, Atlantic Fleet Weapons Training Facility, Naval Station Roosevelt Roads, PR
ADDED 6/25/92

W-377B Ponce, PR
Boundaries. Beginning at lat. 16° 30'00"N., long. 65°36'00"W.; to lat. 16°30'00"N., long. 64°58'10"W.; to lat. 16°03'00"N., long. 65°30'00"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent, normally sunrise to sunset.
Controlling agency. FAA, San Juan CERAP
Using agency. U.S. Navy, Atlantic Fleet Weapons Training Facility, Naval Station Roosevelt Roads, PR
ADDED 6/25/92

W–386A Virginia Capes, VA
Boundaries. Beginning at lat. 38°00'00"N., long. 75°11'19"W.; to lat. 38°00'00"N., long. 74°29'59"W.; to

lat. 37°15'01"N., long. 74°29'59"W.; to lat. 37°15'01"N., long. 75°29'59"W.; to lat. 37°08'01"N., long. 75°29'59"W.; to lat. 37°08'01"N., long. 75°46'59"W.; thence 3 NM east of and parallel to the shoreline to the point of beginning.
Altitudes. E of long. 75° 30'OO"W.; surface to unlimited; W of long. 75°30'00"W.; surface to but not including 2,000 feet MSL and above FL 600 to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Washington ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA

W–386B Virginia Capes, VA
Boundaries. Beginning at lat. 38°00'00"N., long. 74°29'59"W.; to lat. 38°00'00"N., long. 73°04'58"W.; to lat. 37°57'01"N., long. 72°59'58"W.; to lat. 37"13'40"N., long. 72°39'58"W.; to lat. 37°07'51"N., long. 73°59'58"W.; to lat. 37°15'01"N., long. 73°59'58"W.; to lat. 37° 15'01"N., long. 74°29'59"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Washington ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA

W–386C Virginia Capes, VA
Boundaries. Beginning at lat. 37°08'01"N., long. 75°29'59"W.; to lat. 37°04'01"N., long. 75°25'59"W.; to lat. 37°02'07"N., long. 75°08'14"W.; to lat. 37°00'21"N., long. 75° 29'59"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Washington ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA

W–386D Virginia Capes, VA
Boundaries. Beginning at lat. 37° 15'01"N., long. 75°29'59"W.; to lat. 37°15'01"N., long. 74°29'59"W.; to lat. 37°05'19"N., long. 74°29'59"W.; to lat. 37°02'07"N., long. 75°08'14"W.; to lat. 37°04'01"N., long. 75°25'59"W.; to lat. 37°08'01"N., long. 75°29'59"W.; to. the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Washington ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA

W-3863 Virginia Capes, VA
Boundaries. Beginning at lat. 37°15'01"N., long. 74°29'59"W.; to lat. 37°05'19"N., long. 74°29'59"W.; to lat. 37°07'51"N., long. 73°59'58"W.; to lat. 37°15'01"N., long. 73°59'58"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Washington ARTCC
Using agency. Fleet Area Control and Surveillance Facility, Virginia Capes, Naval Air Station, Oceana, Virginia Beach, VA

W–387A Virginia Capes, VA
Boundaries. Beginning at lat. 37°04'54"N., long. 74°35'59"W.; to lat. 37°13'40"N., long. 72°39'59"W.; to lat. 36°42'09"N., long. 72°39'58"W.; to lat. 36°47'16"N., long. 74°35'59"W.; to the point of beginning.
Altitudes. Surface to but not including FL 240.
Times of use. Continuous.
Controlling agency. U.S. Navy, FACSFAC VACAPES
Using agency. U.S. Navy, FACSFAC VACAPES
CONTROLLING AND USING AGENCIES CHANGED 5/3/90

W–387B Virginia Capes, VA
Boundaries. Beginning at lat. 37°04'54"N., long. 74°35'59"W.; to lat. 37" 13'40"N., long. 72°39'58"W.; to lat. 36°42'09"N., long. 72°39'58"W.; to lat. 36°47'16"N., long. 74°35'59"W.; to the point of beginning.
Altitudes. FL 240 to unlimited.
Times of use. Continuous.
Controlling agency. U.S. Navy, FACSFAC VACAPES
Using agency. U.S. Navy, FACSFAC VACAPES
CONTROLLING AND USZNG AGENCIES CHANGED 5/3/90

W-412 Santa Cruz Island, CA
Boundaries. Beginning at lat. 34°08'00"N., long. 119°40'03"W.; to lat. 33°59'15"N., long. 119°40'03"W.; to lat. 33°53'00"N., long. 120°07'03"W.; to lat. 33°49'00"N., long. 120° 16'03"W.; to lat. 34°00'00"N., long. 120° 16'04"W.; to lat. 34°08'00"N., long. 120°10'49"W.; to the point of beginning.
Altitudes. Surface to 3,000 feet MSL.
Times of use. Sunrise-sunset.
Controlling agency. FAA, Los Angeles ARTCC
Using agency. U.S. Navy, Commander, Naval Air Warfare Center Weapons Division, Point Mugu, CA
USING AGENCY CHANGED 11/11/93

W–428B Vieques Island, PR
Boundaries. Beginning at lat. 18° 13'03"N., long. 65°25'26"W.; to lat. 18°13'38"N., long. 65°25'24"W.; to lat. 18" 13'38"N., long. 65°10'09"W.; to lat. 18°02'38"N., long. 65° 11'49"W.; to lat. 18°02'38"N., long. 65° 27'04" W.; thence counterclockwise along the boundary of Restricted Area R-7104 to the point of beginning.
Altitudes. Surface to 50,000 feet MSL.
Times of use. Intermittent.
Controlling agency. FAA, San Juan CERAP
Using agency. Atlantic Fleet Weapons Training Facility, Naval Station, Roosevelt Roads, PR

W–428C Vieques Island, PR
Boundaries. Beginning at lat. 18°02'38"N., long. 65°27'04"W.; to lat. 18°02'38"N., long. 65°11'49"W.; to lat. 17°55'58"N., long. 65°12'49"W.; to lat. 17°59'08"N., long. 65°27'44"W.; to the point of beginning.
Altitudes. Surface to 50,000 feet MSL.
Times of use. Intermittent.
Controlling agency. FAA, San Juan CERAP
Using agency. Atlantic Fleet Weapons Training Facility, Naval Station, Roosevelt Roads, PR

W–429A Culebra, PR
Boundaries. Beginning at lat. 20°50'02"N., long. 65°36'56"W.; to lat. 20°50'02"N., long. 65°29'56"W.; to lat. 20°00'00"N., long. 65°30'00"W.; to lat. 20°00'00"N., long. 65° 48' 17" W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent, normally sunrise to sunset.
Controlling agency. FAA, San Juan CERAP
Using agency. U.S. Navy, Atlantic Fleet Weapons Training Facility, Naval Station Roosevelt Roads, PRADDED 6/25/92

W–429B Culebra, PR
Boundaries. Beginning at lat. 20°50'02"N., long. 65°29'56"W.; to lat. 20°50'02"N., long. 64°59'56"W.; to lat. 20°00'00"N., long. 65°00'00"W.; to lat. 20°00'00"N., long. 65° 30'OO"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent, normally sunrise to sunset.
Controlling agency. FAA San Juan CERAP
Using agency. U.S. Navy, Atlantic Fleet Weapons Training Facility, Naval Station Roosevelt Roads, PRADDED 6/25/92

W–429C Culebra, PR
Boundaries. Beginning at lat. 20°50'02"N., long. 64°59'56"W.; to lat. 20°50'02"N., long. 64°34'56"W.; to lat. 20°02'02"N., long. 63°59'56"W.; to lat. 20°00'00"N., long. 64°00'00'W.; to lat. 20°00'00"N., long. 65°00'00"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent, sunrise to sunset.
Controlling agency. FAA, San Juan CERAP
Using agency. U.S. Navy, Atlantic Fleet Weapons Training Facility, Naval Station Roosevelt Roads, PR
ADDED 6/25/92

W-453 Gulfport, MS
Boundaries. Beginning at lat. 30°09' 16"N., long. 88°01'30"W.; to lat. 29°36'11"N., long. 88°01'30"W.; to lat. 29°42'51"N., long. 88°49'30"W.; thence 3 NM offshore of the Chandeleur Islands to lat. 30°06'01"N., long. 88°51'00"W.; to lat. 30°11'01"N., long. 88°41'40"W.; thence 3 NM from and parallel to the shoreline to the point of beginning.
Altitudes. Surface to FL 500.
Times of use. Intermittent, sunrise to sunset; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC
Using agency. Commander, Air National Guard Training Site, Gulfport, MS

W–460A Hoquiam, WA
Boundaries. Beginning at lat. 46" 42'59"N., long. 128°49'05"W.; to lat. 47°01'29"N., long. 127°23'05"W.; to lat. 46°07'59"N., long. 127°00'05"W.; to lat. 45° 49'59"N., long. 128°27'05"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. By NOTAM.
Controlling agency. FAA, Oakland ARTCC
Using agency. U.S. Navy, Commanding Officer, NAS Whidbey Island, Oak Harbor, WA
USING AGENCY CHANGED 7/22/93

W–460B Hoquiam, WA
Boundaries. Beginning at lat. 47°01'29"N., long. 127°23'05"W.; to lat. 47°20'59"N., long. 125°39'05"W.; to lat. 46°31'59"N., long. 125°18'05"W.; to lat. 46°24'29"N., long. 125°34'05"W.; to lat. 46°07'59"N., long. 127°00'05"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. By NOTAM.
Controlling agency. FAA, Seattle ARTCC
Using agency. U.S. Navy, Commanding Officer, NAS Whidbey Island, Oak Harbor, WA
USING AGENCY CHANGED 7/22/93

W–465A Key West, FL
Boundaries. Beginning at lat. 24°40' 17"N., long. 80° 17'14"W.; to lat. 24°00'02"N., long. 80°12'44"W.; to

lat. 24°00'02"N., long. 80°59'44"W.; to lat. 24°37'02"N., long. 80°56'59"W.; to the point of beginning.
Altitudes. Surface to FT., 700.
Times of use. Intermittent, 0700-2300 daily; other times by NOTAM.
Controlling agency. FAA, Miami ARTCC
Using agency. Commanding Officer, Naval Air Station, Key West, FL

W–465B Key West, FL
Boundaries. Beginning at lat. 24°43'01"N., long. 79°41'59"W.; to lat. 24°17'12"N., long. 79°24'59"W.; to lat. 24°00'02"N., long. 79°58'59"W.; to lat. 24°00'02"N., long. 80°.12'44"W.; to lat. 24°40'17"N., long. 80°17'14"W.; to the point of beginning.
Altitudes. Surface to FL 700.
Times of use. Intermittent, 0700-2300 daily; other times by NOTAM.
Controlling agency. FAA, Miami ARTCC
Using agency. Commanding Officer, Naval Air Station, Key West, FL

W–465C Key West, FL
Boundaries. Beginning at lat. 24°00'02"N., long. 79°58'59"W.; to lat. 23°30'02"N., long. 80°57'59"W.; to lat. 23°30'02"N., long. 81°01'59"W.; to lat. 24°00'02"N., long. 80°56'44"W.; to the point of beginning.
Altitudes. FL 210 to FL 700.
Times of use. Intermittent, 0700-2300 daily; other times by NOTAM.
Controlling agency. FAA, Miami ARTCC
Using agency. Commanding Officer, Naval Air Station, Key West, FL

W–470A Panama City, FL
Boundaries. Beginning at lat. 29°32'31"N., long. 85°00'00"W.; thence 3 NM from and parallel to the shoreline; to lat. 29°42'30"N., long. 84°40'00"W.; to lat. 29°42'30"N., long. 84°00'00"W,; to lat. 28°56'00"N., long. 83°31'00"W.; to lat. 29°19'30"N., long. 85°00'00"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. U.S. Air Force, Commander, Armament Division, Eglin AFB, FL
BOUNDARIES CHANGED 4/25/96

W–470B Panama City, FL
Boundaries. Beginning at lat. 29°19'30"N., long. 85°00'00"W.; to lat. 28°56'00"N., long. 83°31'00"W.; to lat. 28°31'00"N., long. 84°03'00"W.; to lat. 28°46'30"N., long. 85°00'00"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. U.S. Air Force, Commander, Armament Division, Eglin AFB, FL
BOUNDARIES CHANGED 4/25/96

W–470C Panama City, FL
Boundaries. Beginning at lat. 28°46'30"N., long. 85°00'00"W.; to lat. 28°31'00"N., long. 84°03'00"W.; to lat. 28°1 O'OO"N., long. 84°30'OO"W.; to lat. 28°1 O'OO"N., long. 84°39'00"W.; to lat. 28°15'00"N., long. 85°00'00"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Jacksonville ARTCC
Using agency. U.S. Air Force, Commander, Armament Division, Eglin AFB, FL
BOUNDARIES CHANGED 4/25/96

W–497A Patrick AFB, FL
Boundaries. Beginning at lat. 28°41'41"N., long. 80°34'59"W.; to lat. 29°00'01"N., long. 79°29'59"W.; to lat. 28°00'01"N., long. 79°29'59"W.; to lat. 28°00'01"N., long. 79°59'59"W.; to lat. 28°25'01"N., long. 80°30'29"W.; thence north 3 NM from and parallel to the shoreline to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. By NOTAM.
Controlling agency. FAA, Miami ARTCC
Using agency. U.S. Air Force, Eastern Space and Missile Center/RRS, Cape Canaveral AFS, FL.
USING AGENCY CHANGED 7/25/91

W–497B Patrick AFB, FL
Boundaries. Beginning at lat. 29°00'01"N., long. 79°29'59"W.; to lat. 29°20'01"N., long. 78°20'09"W.; to lat. 29°30'01"N., long. 78°17'59"W.; to lat. 30°00'01"N., long. 77°12'59"W.; to lat. 30°00'01"N., long. 76°59'59"W.; to lat. 27°00'01"N., long. 77°04'59"W.; to lat. 27°00'01"N., long. 79°47'59"W.; to lat. 27°20'01"N., long. 80°05'59"W.; to lat. 27°30'01"N., long. 80°13'59"W.; thence north 3 NM from and parallel to the shoreline to lat. 28°25'01"N., long. 80°30'29"W.; to lat. 28°00'01"N., long. 79°59'59"W.; to lat. 28°00'01"N., long. 79°29'59"W.; thence to the point of beginning, excluding that airspace below 5,000 feet MSL in a corridor 2 1/2 statute miles on each side of a line betweenlat. 27°00'01"N., long. 78°59'59"W.; to lat. 27°15'01"N., long. 78°23'59"W.; to lat. 27°00'01"N., long. 77°42'59"W.;
Altitudes. Surface to unlimited.
Times of use. By NOTAM.
Controlling agency. FAA, Miami ARTCC

Using agency. U.S. Air Force, Eastern Space and Missile Center/RRS, Cape Canaveral AFS, FL.
USZNG AGENCY CHANGED 7/25/91

W-506 Nantucket Shoals Offshore, MA
Boundaries. Beginning at lat. 41 °00'00"N., long. 69°27'58"W.; to lat. 41 °00'00"N., long. 67°59'58"W.; to lat. 40°07'01 "N., long. 67°59'58"W.; to lat. 40°46'00"N., long. 69°05'58"W.; to the point of beginning.
Altitudes. Surface to FL 500.
Times of use. Intermittent.
Controlling agency. FAA, New York ARTCC
Using agency. 24th Air Division/DOTS, Griffiss AFB, NY
CONTROLLING AGENCY CHANGED 11/11/93

W-513 Point Reyes, CA
Boundaries. Beginning at lat. 38°02'00"N., long. 123° 17'50"W.; to lat. 37°56'00"N., long. 123" 17'50"W.; to lat. 37°46'25"N., long. 123°10'00"W.; to lat. 37°43'00"N., long. 124°00'04"W.; to lat. 37°50'00"N., long. 124°24'34"W.; to lat. 38°00'00"N., long. 123°23'04"W.; to the point of beginning.
Altitudes. Surface to FL 600.
Times of use. 1300-0500 Monday-Friday.
Controlling agency. FAA, Oakland ARTCC
Using agency. Commander, Fleet Area Control and Surveillance Facility, San Diego, CA
BOUNDARIES CHANGED 9/14/95

W-517 Guam, GU
Boundaries. Beginning at lat. 12°50'00"N., long. 144° 30'OO"E.; to lat. 13° 1 O'OO"N., long. 144° 30'OO"E.; to lat. 13°10'00"N., long. 144°42'00"E.; to lat. 12°50'00"N., long. 144°45'00"E.; to lat. 11 °00'00"N., long. 144°45'00"E.; to lat. 11 °00'00"N., long. 143°00'00"E.; to lat. 11°45'00"N., long. 143°00'00"E.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. By NOTAM.
Controlling agency. FAA, Guam CERAP
Using agency. Commander, Naval Forces, Marianas Naval Station, Guam

W-532 Point Arguello, CA
Boundaries. Beginning at lat. 35°37'00"N., long. 121°32'04"W.; to lat. 34°56'30"N., long; 120°43'34"W.; thence 3 NM from and parallel to the shoreline to lat. 34°23'54"N., long. 120°30'04"W.; to lat. 33°47'10"N., long. 122°38'23"W.; to lat. 35°13'00"N., long. 123°34'04"W.; to lat. 35°29'00"N., long. 123°00'04"W.; to lat. 35 °04'00"N., long. 122° 43'04" W.; to the point of beginning.
Altitudes. Unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Los Angeles ARTCC
Using agency. U.S. Navy, Commander, Naval Air Warfare Center Weapons Division, Point Mugu, CA
USZNG AGENCY CHANGED 11/11/93

W-537 Santa Barbara, CA
Boundaries. That airspace included in Control Area 1176 which lies west of long. 120°30'00"W.
Altitudes. Surface to unlimited.
Times of use. Intermittent.
Controlling agency. FAA, Los Angeles ARTCC
Using agency. U.S. Navy, Commander, Naval Air Warfare Center Weapons Division, Point Mugu, CA NOTE: Prior approval required before entering Control Area 1176 west of long. 120°30'00"W.
USING AGENCY CHANGED 11/11/93

W-570 Newport, OR
Boundaries. Beginning at lat. 45°44'59"N., long. 125°30'05"W.; to lat. 46°09'59"N., long. 124°20'05"W.; to lat. 44°54'02"N., long. 124°20'04"W.; thence south 12 miles from and parallel to the U.S. shoreline; to lat. 44°50'35"N, long. 124°21'21"W.; to lat. 44°37'59"N., long. 124°28'04"W.; to lat. 44°10'59"N., long. 125°30'05"W.; to point of beginning.
Altitudes. Surface to FL 500.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Seattle ARTCC
Using agency. 25th Air Division, McChord AFB, WA
BOUNDARIES CHANGED 1 Oil 3/94

W-602 Gulf of Mexico South of Houston, TX
Boundaries. Beginning at lat. 28°10'01"N., long. 94°53'01"W.; to lat. 28°10'01"N., long. 94" 14'01"W.; to lat. 27°22'01"N., long. 93°26'00"W.; to lat. 26°20'01"N., long. 94°41'01"W.; to lat. 26°20'01"N., long. 95°03'01"W.; to the point of beginning.
Altitudes. Surface to FL 450.
Times of use. Continuous
Controlling agency. FAA, Houston ARTCC
Using agency. U.S. Air Force, Det 1 HQ ACCJDOSR, Offutt AFB, NE
USING AGENCY CHANGED 5/27/93

W-602 Gulf of Mexico, South of Houston, TX
Boundaries. Beginning at lat. 27°37'00"N., long. 94°05'00"W.; to lat. 26°13'00"N., long. 93°27'00"W.; to lat. 25°20'00"N., long. 94°23'00"W.; to lat. 26°02'00"N., long. 95°53'00"W.; to lat. 27°04'00"N., long. 95°20'00"W.; to the point of beginning.
Altitude. Surface to FL 250.
Time of use. Continuous, Monday-Sunday; other times by NOTAM.

Controlling agency. FAA Houston ARTCC.
Using agency. Strategic Communications Wing 1, Tinker AFB, Oklahoma City, OK, and the 1st ACCS, Offut AFB, Omaha, NE.
REVISED 6/20/96

W-612 Blying Sound, AK
Boundaries. Beginning at lat. 59°43'00"N., long. 148°57'30"W.; to lat. 59°43'00"N., long. 148°43'30"W.; to lat. 59°22'00"N., long. 147°05'00"W.; to lat. 58°48'00"N., long. 148°00'00"W.; to lat. 59°09'00"N., long. 149°47'00"W.; to point of beginning.
Altitudes. Surface to FL 290.
Times of use. By NOTAM.
Controlling agency. FAA, Anchorage ARTCC
Using agency. USAF, 3 WG, Elmendorf AFB, AK.
USING AGENCY CHANGED 3/30/95

IDENTIFIERS

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