

The purpose of this bulletin is to provide major changes in aeronautical information that have occurred since the last publication date of each Sectional Aeronautical, VFR Terminal Area, and Helicopter Route Chart listed. The general policy is to include only those changes to controlled airspace and special use airspace that present a hazardous condition or impose a restriction on the pilot, and major changes to airports and radio navigational facilities, thereby providing the VFR pilot with the essential data necessary to update and maintain chart currency. The data is grouped by type and then by effective date. When a new edition of the Aeronautical Chart is published, the corrective tabulation will be removed from this bulletin. Inasmuch as this Bulletin provides major changes only, pilots should consult the airport listing in this directory for all new information. Users of U.S. World Aeronautical Charts (WAC) and U.S. Gulf Coast VFR Aeronautical Charts should consult the appropriate Sectional and VFR Terminal Area Charts for revisions. Positions are shown as degrees, minutes, seconds and hemisphere. Data is current as of 56 days prior to the date of this publication.

Military Training Routes (MTRs) are shown on Sectional Aeronautical Charts, VFR Terminal Area, and Helicopter Route Charts. Only the route centerline, direction of flight and the route designator are shown — route widths and altitudes are not shown. Since these routes are subject to change every 56 days and the charts are reissued generally every 6 months, routes with a change in the alignment of the charted route centerline will be listed in this Aeronautical Chart Bulletin below. You are advised to contact Flight Service for route dimensions and current status for those routes affecting your flight.

ALBUQUERQUE SECTIONAL 90th Edition, 18 Oct 2012

OBSTRUCTIONS

15 Nov 2012 Add obst 4331'MSL (269'AGL), 35°19'17"N, 102°32'08"W.

Add obst 4271'MSL (269'AGL), 35°17'14"N, 102°29'18"W.

10 Jan 2013 Add obst 3603'MSL (498'AGL), 32°30'14"N, 102°16'42"W.

Add obst 8190'MSL (349'AGL), 35°36'22"N, 108°41'28"W.

Add obst 4353'MSL (428'AGL), 35°20'01"N, 102°28'52"W.

AIRPORTS

15 Nov 2012 – 10 Jan 2013 No Major Changes.

NAVAIDS

15 Nov 2012 – 10 Jan 2013 No Major Changes.

AIRSPACE

15 Nov 2012 – 10 Jan 2013 No Major Changes.

SPECIAL USE AIRSPACE

15 Nov 2012 – 10 Jan 2013 No Major Changes.

MILITARY TRAINING ROUTES

15 Nov 2012 – 10 Jan 2013 No Major Changes.

MISCELLANEOUS

15 Nov 2012 – 10 Jan 2013 No Major Changes.

CHEYENNE SECTIONAL 87th Edition, 10 Jan 2013

OBSTRUCTIONS

10 Jan 2013 No Major Changes.

AIRPORTS

10 Jan 2013 No Major Changes.

NAVAIDS

10 Jan 2013 No Major Changes.

AIRSPACE

10 Jan 2013 No Major Changes.

SPECIAL USE AIRSPACE

10 Jan 2013 No Major Changes.

MILITARY TRAINING ROUTES

10 Jan 2013 No Major Changes.

MISCELLANEOUS

10 Jan 2013 No Major Changes.

DENVER SECTIONAL
88th Edition, 10 Jan 2013

OBSTRUCTIONS

10 Jan 2013 No Major Changes.

AIRPORTS

10 Jan 2013 No Major Changes.

NAVAIDS

10 Jan 2013 No Major Changes.

AIRSPACE

10 Jan 2013 No Major Changes.

SPECIAL USE AIRSPACE

10 Jan 2013 No Major Changes.

MILITARY TRAINING ROUTES

10 Jan 2013 No Major Changes.

MISCELLANEOUS

10 Jan 2013 No Major Changes.

DENVER/COLORADO SPRINGS TERMINAL AREA CHART
79th Edition, 10 Jan 2013

OBSTRUCTIONS

10 Jan 2013 No Major Changes.

AIRPORTS

10 Jan 2013 No Major Changes.

NAVAIDS

10 Jan 2013 No Major Changes.

AIRSPACE

10 Jan 2013 No Major Changes.

SPECIAL USE AIRSPACE

10 Jan 2013 No Major Changes.

MILITARY TRAINING ROUTES

10 Jan 2013 No Major Changes.

MISCELLANEOUS

10 Jan 2013 No Major Changes.

EL PASO SECTIONAL
89th Edition, 26 Jul 2012

OBSTRUCTIONS

26 Jul 2012 – 10 Jan 2013 No Major Changes.

AIRPORTS

26 Jul 2012 – 20 Sep 2012 No Major Changes.

15 Nov 2012 Change CTAF 122.9 to 122.8 at PRESIDIO LELY INTL arpt, 29°38'03"N, 104°21'41"W.

10 Jan 2013 No Major Changes.

NAVAIDS

26 Jul 2012 – 10 Jan 2013 No Major Changes.

AIRSPACE

26 Jul 2012 – 10 Jan 2013 No Major Changes.

SPECIAL USE AIRSPACE

26 Jul 2012 – 10 Jan 2013 No Major Changes.

MILITARY TRAINING ROUTES

26 Jul 2012 – 10 Jan 2013 No Major Changes.

MISCELLANEOUS

26 Jul 2012 – 10 Jan 2013 No Major Changes.

GRAND CANYON VFR AERONAUTICAL CHART
3rd Edition, 19 Apr 2001

OBSTRUCTIONS

17 May 2001 – 10 Jan 2013 No Major Changes.

AIRPORTS

17 May 2001 – 10 May 2007 No Major Changes.

5 Jul 2007 Delete TASSI arpt, 36°15'09"N, 113°57'54"W.

Delete THE RANCH arpt, 36°00'37"N, 112°17'30"W.

30 Aug 2007 – 10 Jan 2013 No Major Changes.

NAVAIDS

17 May 2001 – 10 Jan 2013 No Major Changes.

AIRSPACE

17 May 2001 – 10 Jan 2013 No Major Changes.

SPECIAL USE AIRSPACE

17 May 2001 – 10 Jan 2013 No Major Changes.

MILITARY TRAINING ROUTES

17 May 2001 – 10 Jan 2013 No Major Changes.

MISCELLANEOUS

17 May 2001 Blue Direct North (BDN) west bound route, add 10,500 with a westbound arrow above the 8,500 figure just west of Supal/Diamond Creek Sector boundary.

12 Jul 2001 – 10 Jan 2013 No Major Changes.

KLAMATH FALLS SECTIONAL
87th Edition, 20 Sep 2012
OBSTRUCTIONS**20 Sep 2012** No Major Changes.**15 Nov 2012** Add obst 683'MSL(405'AGL), 40°06'40"N, 122°11'38"W.**10 Jan 2013** No Major Changes.**AIRPORTS****20 Sep 2012** No Major Changes.**15 Nov 2012** Change RP 14, 23 to RP 15, 23 at MONTAGUE-YREKA ROHRER arpt, 41°43'48"N, 122°32'40"W.**10 Jan 2013** No Major Changes.**NAVAIDS****20 Sep 2012 – 10 Jan 2013** No Major Changes.**AIRSPACE****20 Sep 2012 – 10 Jan 2013** No Major Changes.**SPECIAL USE AIRSPACE****20 Sep 2012** No Major Changes.**15 Nov 2012** Revise OWYHEE SOUTH MOA altitude to 3000 AGL or 10,000 MSL whichever is higher.

Revise PARADISE NORTH MOA altitude to 3000 AGL or 10,000 MSL whichever is higher.

Revise PARADISE SOUTH MOA altitude to 3000 AGL or 10,000 MSL whichever is higher.

Add FALLON NORTH 1 NV MOA. Boundary beginning at 39°51'00"N, 118°38'04"W; 40°01'00"N, 118°15'04"W; 40°06'00"N, 117°57'33"W; 40°06'03"N, 117°48'03"W; 40°02'40"N, 117°56'53"W; 39°34'27"N, 118°19'02"W; 39°26'21"N, 118°26'21"W; 39°45'53"N, 118°37'56"W to the point of beginning. Excluding that airspace within R-4813A when active, and those portions of the Fallon and Stillwater National Wildlife Refuge Areas below 3,000 AGL. Altitude: 100 AGL to but not including Fl 180. Time of Use: 0715-2330 Daily; other times by NOTAM. Controlling agency: Oakland ARTCC.

Add FALLON NORTH 2 NV MOA. Boundary beginning at 40°06'03"N, 117°48'03"W; 40°13'16"N, 117°24'09"W; 40°09'08"N, 117°24'03"W; 39°59'10"N, 117°34'03"W; 39°55'11"N, 117°26'15"W; 39°44'43"N, 117°25'22"W; 39°30'31"N, 117°24'27"W; 39°34'12"N, 117°39'39"W; 39°34'20"N, 118°12'19"W; 39°34'27"N, 118°19'02"W; 40°02'40"N, 117°56'53"W to the point of beginning.

Excluding that airspace within R-4816N when active, and those portions of the Fallon and Stillwater National Wildlife Refuge areas below 3,000 AGL. Altitude: 100 AGL to but not including Fl 180. Time of Use: 0715-2330 daily, other times by NOTAM. Controlling Agency: Oakland ARTCC.

Add FALLON NORTH 3 NV MOA. Boundary beginning at 40°13'16"N, 117°24'09"W; 40°20'37"N, 116°59'53"W; 40°05'00"N, 116°59'55"W; 30°44'43"N, 117°25'22"W; 39°55'11"N, 117°26'15"W; 39°59'10"N, 117°34'03"W; 40°09'08"N, 117°24'03"W to the point of beginning. Altitude: 100 AGL to but not including Fl 180 Southwest of the line beginning at 40°06'00"N, 117°48'03"W to 39°29'50"N, 117°04'03"W; 200 AGL to but not including Fl 180 Northeast of the line beginning at 40°06'00"N, 117°48'03"W to 39°29'50"N, 117°04'03"W. Time of Use: 0715-2330 daily; other times by NOTAM.

Controlling Agency: Salt Lake ARTCC.

Add FALLON NORTH 4 NV MOA. Boundary beginning at 40°20'37"N, 116°59'53"W; 40°23'00"N, 116°53'03"W; 40°25'00"N, 116°30'03"W; 39°45'00"N, 116°30'03"W; 39°28'31"N, 117°16'11"W; 39°30'31"N, 117°24'27"W; 39°44'43"N, 117°25'22"W; 40°05'00"N, 116°59'55"W to the point of beginning. Excluding: (1) that airspace encompassed by a 3NM radius centered on the town of Austin, NV located at approximately 39°29'50"N, 117°04'03"W, below 2,000 FT AGL. (2) that airspace encompassed by a 3NM radius centered on Austin Airport NV, located at 39°28'05"N, 117°11'44"W, below 2,000 FT AGL. (3) that airspace 2NM either side of State Route 722 to the town of Austin, NV and Austin Airport, NV. Altitude: 200 AGL to but not including Fl 180.

Time of use: 0715-2330 daily, other times by NOTAM. Controlling Agency: Salt Lake ARTCC.

10 Jan 2013 No Major Changes.**MILITARY TRAINING ROUTES****20 Sep 2012 – 10 Jan 2013** No Major Changes.**MISCELLANEOUS****20 Sep 2012** No Major Changes.**15 Nov 2012** Revise GOOSE NORTH MOA altitude from 300 AGL to 3000 AGL.**10 Jan 2013** No Major Changes.

LAS VEGAS SECTIONAL

88th Edition, 23 Aug 2012

OBSTRUCTIONS

20 Sep 2012 – 10 Jan 2013 No Major Changes.

AIRPORTS

20 Sep 2012 No Major Changes.

15 Nov 2012 Change RP 18 to RP 19 at STOUT arpt, 37°08'25"N, 113°18'21"W.

10 Jan 2013 No Major Changes.

NAVAIDs

20 Sep 2012 – 10 Jan 2013 No Major Changes.

AIRSPACE

20 Sep 2012 Add EUREKA, NV. Class E: That airspace extending upward from 700 feet above the surface within a 6.6-mile radius of the Eureka Airport; and within 1.5 miles either side of the 011° bearing of the airport extending from the 6.6-mile radius to 10 miles north of Eureka airport; that airspace extending upward from 1,200 feet above the surface within an area bounded by 40°35'00"N, 115°57'00"W; to 40°30'00"N, 115°39'00"W; to 40°07'00"N, 115°26'00"W; to 39°58'00"N, 115°51'00"W; to 39°30'00"N, 115°51'00"W; to 39°19'00"N, 115°47'00"W; to 39°18'00"N, 115°36'00"W; to 39°20'00"N, 115°14'00"W; to 39°08'00"N, 115°10'00"W; to 39°06'00"N, 115°57'00"W; to 39°16'00"N, 116°05'00"W; to 39°22'00"N, 116°12'00"W; to 39°43'00"N, 116°08'00"W; to 40°08'00"N, 116°02'00"W, thence to the point of beginning.

15 Nov 2012 No Major Changes.

10 Jan 2013 Add COALDALE, NV Class E: That airspace extending upward from 1,200 feet above the surface bounded by a line beginning at 38°55'20"N, 119°22'42"W; to 38°57'46"N, 119°14'44"W; to 38°41'13"N, 118°53'31"W; to 38°44'27"N, 118°48'52"W; to 38°37'03"N, 118°40'45"W; to 38°23'17"N, 118°20'35"W; to 38°16'55"N, 118°13'39"W; to 38°02'23"N, 117°56'00"W; to 37°45'08"N, 117°41'19"W; to 37°45'58"N, 117°39'55"W; to 37°29'37"N, 117°25'57"W; to 37°15'12"N, 117°13'46"W; to 37°12'00"N, 117°20'00"W; to 37°12'02"N, 117°38'40"W; to 37°19'09"N, 117°58'15"W; to 37°28'23"N, 117°54'28"W; to 37°55'00"N, 118°10'30"W; to 38°04'06"N, 119°15'00"W; thence to the point of origin.

SPECIAL USE AIRSPACE

20 Sep 2012 No Major Changes.

15 Nov 2012 Add FALLON NORTH 1 NV MOA. Boundary beginning at 39°51'00"N, 118°38'04"W; 40°01'00"N, 118°15'04"W; 40°06'00"N, 117°57'33"W; 40°06'03"N, 117°48'03"W; 40°02'40"N, 117°56'53"W; 39°34'27"N, 118°19'02"W; 39°26'21"N, 118°26'21"W; 39°45'53"N, 118°37'56"W; to the point of beginning. Excluding that airspace within R-4813A when active, and those portions of the Fallon and Stillwater National Wildlife Refuge Areas below 3,000 AGL. Altitude: 100 AGL to but not including FL 180. Time of Use: 0715-2330 Daily; Other times by NOTAM. Controlling agency: Oakland ARTCC.

Add FALLON NORTH 2 NV MOA. Boundary beginning at 40°06'03"N, 117°48'03"W; 40°13'16"N, 117°24'09"W; 40°09'08"N, 117°24'03"W; 39°59'10"N, 117°34'03"W; 39°55'11"N, 117°26'15"W; 39°44'43"N, 117°25'22"W; 39°30'31"N, 117°24'27"W; 39°34'12"N, 117°39'39"W; 39°34'20"N, 118°12'19"W; 39°34'27"N, 118°19'02"W; 40°02'40"N, 117°56'53"W; to the point of beginning. Excluding that airspace within R-4816N when active, and those portions of the Fallon and Stillwater National Wildlife Refuge areas below 3,000 AGL. Altitude: 100 AGL to but not including FL 180. Time of Use: 0715-2330 daily, other times by NOTAM. Controlling Agency: Oakland ARTCC.

Add FALLON NORTH 3 NV MOA. Boundary beginning at 40°13'16"N, 117°24'09"W; 40°20'37"N, 116°59'53"W; 40°05'00"N, 116°59'55"W; 39°44'43"N, 117°25'22"W; 39°55'11"N, 117°26'15"W; 39°59'10"N, 117°34'03"W; 40°09'08"N, 117°24'03"W; to the point of beginning. Altitude: 100 AGL to but not including FL 180 Southwest of the line beginning at 40°06'00"N, 117°48'03"W to 39°29'50"N, 117°04'03"W; 200 AGL to but not including FL 180 Northeast of the line beginning at 40°06'00"N, 117°48'03"W to 39°29'50"N, 117°04'03"W. Time of Use: 0715-2330 daily; other times by NOTAM. Controlling Agency: Salt Lake ARTCC.

Add FALLON NORTH 4 NV MOA. Boundary beginning at 40°20'37"N, 116°59'53"W; 40°23'00"N, 116°53'03"W; 40°25'00"N, 116°30'03"W; 39°45'00"N, 116°30'03"W; 39°28'31"N, 117°16'11"W; 39°30'31"N, 117°24'27"W; 39°44'43"N, 117°25'22"W; 40°05'00"N, 116°59'55"W; to the point of beginning. Excluding: (1) that airspace encompassed by a 3NM radius centered on the town of Austin, NV located at approximately 39°29'50"N, 117°04'03"W, below 2,000 FT AGL. (2) that airspace encompassed by a 3NM radius centered on Austin Airport NV, located at 39°28'05"N, 117°11'44"W, below 2,000 FT AGL. (3) that airspace 2NM either side of state route 722 to the town of Austin, NV and Austin airport, NV. Altitude: 200 AGL to but not including FL 180. Time of use: 0715-2330 daily, other times by NOTAM. Controlling Agency: Salt Lake ARTCC.

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Add FALLON SOUTH 1 NV MOA. Boundary beginning at 39°26'21"N, 118°26'21"W; 39°34'27"N, 118°19'02"W; 39°34'20"N, 118°12'19"W; 39°34'12"N, 117°39'39"W; 39°30'31"N, 117°24'27"W; 39°10'00"N, 117°23'03"W; 39°06'05"N, 118°33'37"W; 39°17'00"N, 118°21'24"W; to the point of beginning. Excluding the following airspace: (1) that airspace within R4804A, R-4810, R-4812 and R-4816S when active; (2) that airspace between 2,000 FT AGL and 8,500 FT MSL bounded on the west by the western edge of the Fallon South 1 MOA, on the north by the southern boundary of R-4816S, on the east by 118°07'30"W, and on the south by U.S. highway 30; (3) that airspace between 2,000 FT AGL and 10,500 FT MSL bounded on the west by 118°07'30"W, on the north by the southern boundary of R-4816S and on the south by a line 2NM south of and parallel to U.S. Highway 50, thence eastward until the intersection of U.S. highway 50 and state route 722, then 2NM either side of state route 722 eastward to the eastern boundary of the Fallon South MOA 1. Altitude: 100 AGL to but not including FL 180. Time of Use: 0715-2330 daily; other times by NOTAM. Controlling Agency: Oakland ARTCC.

Add FALLON SOUTH 2 NV MOA. Boundary beginning at 39°06'05"N, 118°33'37"W; 39°10'00"N, 117°23'03"W; 38°43'00"N, 118°02'03"W; 38°43'00"N, 118°11'33"W; 38°58'00"N, 118°42'54"W; to the point of beginning. Excluding that airspace encompassed by a 3 NM radius centered on the town of Gabbs, NV, located at 38°52'12"N; 117°55'33"W, below 2,000 FT AGL. Altitude: 100 AGL to but not including FL 180. Time of Use: 0715-2330 daily; other times by NOTAM. Controlling Agency: Oakland ARTCC.

Add FALLON SOUTH 3 NV MOA. Boundary beginning at 38°43'00"N, 118°11'33"W; 38°43'00"N, 118°02'03"W; 39°10'00"N, 117°23'03"W; 38°56'00"N, 117°23'03"W; 38°40'00"N, 118°00'03"W; 38°40'00"N, 118°05'13"W; at the point of beginning. Altitude: 100 AGL to but not including FL 180. Time of Use: 0715-2330 daily; other times by NOTAM. Controlling Agency: Oakland ARTCC. Add FALLON SOUTH 4 NV MOA. Boundary beginning at 39°30'31"N, 117°24'27"W; 39°28'31"N, 117°16'11"W; 39°45'00"N, 116°30'03"W; 39°10'00"N, 117°23'03"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 39°29'50"N; 117°04'03"W, below 2,000 FT AGL. (2) that airspace encompassed by a 3 nm radius centered on Austin airport, NV, located at 39°28'05"N; 117°11'44"W, below 2,000 FT 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 Fallon South 4 MOA between 2,000 FT AGL and 10,500 FT MSL. Altitude: 200 AGL to but not including FL 180. Time of Use: 0715-2330 daily; other times by NOTAM. Controlling Agency: Salt Lake ARTCC.

Add FALLON SOUTH 5 NV MOA. Boundary beginning at 39°10'00"N, 117°23'03"W; 39°45'00"N, 116°30'03"W; 39°18'00"N, 116°30'03"W; 38°56'00"N, 117°23'03"W; to the point of beginning. Excluding that airspace 2 NM either side of U.S. Highway 50 between 2,000 FT AGL and 10,500 FT MSL. Altitude: 200 AGL to but not including FL 180. Time of Use: 0715-2330 daily; other times by NOTAM. Controlling Agency: Salt Lake ARTCC.

Add WHITE ELK NV MOA. Beginning at 40°36'00"N, 114°27'03"W; 40°36'00"N, 114°51'00"W; 40°24'30"N, 115°06'00"W; 39°51'40"N, 115°06'00"W; 39°23'00"N, 114°27'03"W; to the point of beginning. Altitude: 180 AGL to but not including 14000 MSL. Time of Use: 0730-2200 Monday through Thursday, 0730-1630 Fridays; other times by NOTAM. Controlling Agency: Salt Lake ARTCC.
10 Jan 2013 No Major Changes.

MILITARY TRAINING ROUTES

20 Sep 2012 – 10 Jan 2013 No Major Changes.

MISCELLANEOUS

20 Sep 2012 – 10 Jan 2013 No Major Changes.

LAS VEGAS TERMINAL AREA CHART

76th Edition, 8 Mar 2012

OBSTRUCTIONS

20 Sep 2012 – 10 Jan 2013 No Major Changes.

AIRPORTS

20 Sep 2012 – 10 Jan 2013 No Major Changes.

NAVAIDS

20 Sep 2012 – 10 Jan 2013 No Major Changes.

AIRSPACE

20 Sep 2012 – 10 Jan 2013 No Major Changes.

SPECIAL USE AIRSPACE

20 Sep 2012 – 10 Jan 2013 No Major Changes.

MILITARY TRAINING ROUTES

20 Sep 2012 – 10 Jan 2013 No Major Changes.

MISCELLANEOUS

20 Sep 2012 – 10 Jan 2013 No Major Changes.

LOS ANGELES HELICOPTER ROUTE CHART
9th Edition, 30 Jun 2011**OBSTRUCTIONS**

30 Jun 2011 – 31 May 2012 No Major Changes.

26 Jul 2012 Add obst 420' MSL(405' AGL), 33°43'32"N, 118°15'33"W.

20 Sep 2012 – 10 Jan 2013 No Major Changes.

AIRPORTS

30 Jun 2011 No Major Changes.

25 Aug 2011 Delete VA MEDICAL CENTER HELIPORT, 33°46'33"N, 118°07'10"W.

20 Oct 2011 Delete CORONA RGNL MEDICAL CENTER HELIPORT, 33°52'23"N, 117°34'03"W.

15 Dec 2011 No Major Changes.

9 Feb 2012 Delete helipad at BRACKETT arpt, 34°05'29"N, 117°46'54"W.

5 Apr 2012 – 31 May 2012 No Major Changes.

26 Jul 2012 Change ZAMPERINI ATCT freq from 135.6 to 133.075, 33°48'12"N, 118°20'23"W.

20 Sep 2012 No Major Changes.

15 Nov 2012 Delete BROADCAST CORPORATION Heliport, 33°39'35"N, 117°46'01"W.

10 Jan 2013 No Major Changes.

NAVAIDS

30 Jun 2011 – 5 Apr 2012 No Major Changes.

31 May 2012 Change CTAF 122.9 to 122.775 at PERRIS VALLEY arpt, 33°45'52"N, 117°13'08"W.

26 Jul 2012 – 10 Jan 2013 No Major Changes.

AIRSPACE

30 Jun 2011 – 5 Apr 2012 No Major Changes.

31 May 2012 Revise Hawthorne, CA. Class D: That airspace extending upward from the surface to and including 2,500 feet MSL within 2.6-mile radius of the Jack Northrop Field/Hawthorne Municipal Airport, and that airspace 1.5 miles north and 2 miles south of the 229° bearing from the airport extending from the 2.6-mile radius to 3.8 miles southwest, and that airspace 2 miles north and 1.5 miles south of the 096° bearing from the airport extending from the 2.6-mile radius to 3.9 miles east of the airport, excluding the Los Angeles Airport Class D airspace. This Class D airspace is effective during the specific dates and times established in advance by a Notice to Airmen. The effective date and time will thereafter be continuously published in the Airport/Facility Directory.

Revise Hawthorne, CA. Class E. That airspace extending upward from the surface within 2 miles north and 1.5 miles south of the 096° bearing from Jack Northrop Field/Hawthorne Municipal Airport, beginning 3.9 miles east of the airport extending to 6.3 miles east of the airport. This Class E airspace area is effective during the specific dates and times established in advance by a Notice to Airmen. The effective date and time will thereafter be continuously published in the Airport/Facility Directory. Delete SANTA ANA Class C frequencies 132.7 and 279.575.

26 Jul 2012 – 10 Jan 2013 No Major Changes.

SPECIAL USE AIRSPACE

30 Jun 2011 – 10 Jan 2013 No Major Changes.

MILITARY TRAINING ROUTES

30 Jun 2011 – 10 Jan 2013 No Major Changes.

MISCELLANEOUS

30 Jun 2011 – 10 Jan 2013 No Major Changes.

LOS ANGELES SECTIONAL
92nd Edition, 13 Dec 2012

OBSTRUCTIONS

10 Jan 2013 Add obst 370'MSL(250'AGL), 33°00'45"N, 115°13'13"W.

AIRPORTS

10 Jan 2013 Add SOUTHERN CALIFORNIA LOGISTICS ATCT frequency 282.225, 34°35'50"N, 117°22'58"W.

NAVAIDS

10 Jan 2013 No Major Changes.

AIRSPACE

10 Jan 2013 No Major Changes.

SPECIAL USE AIRSPACE

10 Jan 2013 No Major Changes.

MILITARY TRAINING ROUTES

10 Jan 2013 No Major Changes.

MISCELLANEOUS

10 Jan 2013 No Major Changes.

LOS ANGELES TERMINAL AREA CHART
66th Edition, 13 Dec 2012

OBSTRUCTIONS

10 Jan 2013 No Major Changes.

AIRPORTS

10 Jan 2013 No Major Changes.

NAVAIDS

10 Jan 2013 No Major Changes.

AIRSPACE

10 Jan 2013 No Major Changes.

SPECIAL USE AIRSPACE

10 Jan 2013 No Major Changes.

MILITARY TRAINING ROUTES

10 Jan 2013 No Major Changes.

MISCELLANEOUS

10 Jan 2013 No Major Changes.

PHOENIX SECTIONAL
88th Edition, 18 Oct 2012

OBSTRUCTIONS

15 Nov 2012 No Major Changes.

10 Jan 2013 Add obst 370'MSL (250'AGL), 33°00'45"N, 115°13'13"W.
Add obst 815'MSL (440'AGL), 32°45'48"N, 115°59'57"W.

AIRPORTS

15 Nov 2012 – 10 Jan 2013 No Major Changes.

NAVAIDS

15 Nov 2012 – 10 Jan 2013 No Major Changes.

AIRSPACE

15 Nov 2012 – 10 Jan 2013 No Major Changes.

SPECIAL USE AIRSPACE

15 Nov 2012 – 10 Jan 2013 No Major Changes.

MILITARY TRAINING ROUTES

15 Nov 2012 – 10 Jan 2013 No Major Changes.

MISCELLANEOUS

15 Nov 2012 – 10 Jan 2013 No Major Changes.

PHOENIX TERMINAL AREA CHART
47th Edition, 18 Oct 2012

OBSTRUCTIONS

15 Nov 2012 - 10 Jan 2013 No Major Changes.

AIRPORTS

15 Nov 2012 - 10 Jan 2013 No Major Changes.

NAVAIDS

15 Nov 2012 - 10 Jan 2013 No Major Changes.

AIRSPACE

15 Nov 2012 - 10 Jan 2013 No Major Changes.

SPECIAL USE AIRSPACE

15 Nov 2012 - 10 Jan 2013 No Major Changes.

MILITARY TRAINING ROUTES

15 Nov 2012 - 10 Jan 2013 No Major Changes.

MISCELLANEOUS

15 Nov 2012 - 10 Jan 2013 No Major Changes.

SALT LAKE CITY HELICOPTER ROUTE CHART

3rd Edition, 26 Oct 2006

OBSTRUCTIONS

23 Nov 2006 – 10 Jan 2013 No Major Changes.

AIRPORTS

23 Nov 2006 – 10 Apr 2008 No Major Changes.

5 Jun 2008 Delete PAYNE arpt, 41°05'54"N, 112°06'56"W.

Delete WARD heli, 40°35'59"N, 111°48'03"W.

31 Jul 2008 – 25 Sep 2008 No Major Changes.

20 Nov 2008 Delete CHANNEL 4 heli, 40°43'57"N, 111°57'20"W.

15 Jan 2009 – 3 Jun 2010 No Major Changes.

29 Jul 2010 CAMP WILLIAMS ANG arpt abandoned, 40°25'55"N, 111°55'51"W.

23 Sep 2010 – 10 Jan 2013 No Major Changes.

NAVAIDS

23 Nov 2006 – 10 Jan 2013 No Major Changes.

AIRSPACE

23 Nov 2006 – 20 Sep 2012 No Major Changes.

15 Nov 2012 Revise SALT LAKE CITY, UT. Class B: Area A. That area extending upward from the surface to and including 12,000 MSL, within an area bounded by a line beginning at the TCH 20° radial 6.6-mile DME at 40°57'13"N., 111°55'56"W.; thence south to the intersection of Redwood Rd. and W. 500 South St. at the TCH 049° radial 3.1-mile DME at 40°53'02"N., 111°55'48"W.; thence south to Center St. at the TCH 102° radial 2.3-mile DME at 40°50'32"N., 111°55'57"W.; thence east along Center St. to Interstate 15 (I-15) at the 4.3-mile DME radius of the Salt Lake City International Airport at the TCH 099° radial 3-mile DME at 40°50'32"N., 111°54'56"W.; thence clockwise along the 4.3-mile DME radius of the Salt Lake City International Airport to I-15 at the TCH 151° radial 7.3-mile DME at 40°44'37"N., 111°54'15"W.; thence south along I-15 to W. 5300 South St. at the TCH 163° radial 12.3-mile DME at 40°39'17"N., 111°54'06"W.; thence west to the Usana Amphitheatre at the TCH 192° radial 11.8-mile DME at 40°39'28"N., 112°02'08"W.; thence northwest to the intersection of State Route 201 (SR-201) and S. 8000 West St. at the TCH 210° radial 9.1-mile DME at 40°43'06"N., 112°04'56"W.; thence northwest to Interstate 80 (I-80) at the TCH 239° radial 9-mile DME at 40°46'22"N., 112°09'04"W.; thence north to a point southeast of Seagull Point on Antelope Island at the TCH 304° radial 9.3-mile DME at 40°56'13"N., 112°09'05"W.; thence east to the point of beginning. Area B. That airspace extending upward from 7,800 feet MSL to and including 12,000 feet MSL, within an area bounded by a line beginning at the TCH 265° radial 12-mile DME at 40°49'57"N., long 112°14'40"W.; thence west along the TCH 265° radial to the 20-mile DME arc at 40°49'13"N., 112°25'09"W.; thence clockwise along the TCH 20-mile DME arc to the 4.3-mile DME radius of Hill AFB at the TCH 009° radial at 41°10'47"N., 111°54'48"W.; thence clockwise along the 4.3-mile DME radius of Hill AFB to W. 1700 South St. at the TCH 347° radial 14.7-mile DME at 41°05'20"N., 112°03'21"W.; thence west along W. 1700 South St. to the TCH 329° radial 16.8-mile DME at 41°05'22"N., 112°10'20"W.; thence south to the TCH 316° radial 11.6-mile DME at 40°59'21"N., 112°09'33"W.; thence south to a point southeast of Seagull Point on Antelope Island at the TCH 304° radial 9.3-mile DME at 40°56'13"N., 112°09'05"W.; thence southwest to the point of beginning. Area C. That airspace extending upward from 6,000 feet MSL to and including 12,000 feet MSL, within an area bounded by a line beginning at the TCH 316° radial 11.6-mile DME at 40°59'21"N., 112°09'33"W.; thence east to I-15 at the TCH 013° radial 9.8-mile DME at 41°00'34"N., 111°56'00"W.; thence south to the TCH 020° radial 6.6-mile DME at 40°57'13"N., 111°55'56"W.; thence west to a point southeast of Seagull Point on Antelope Island at the TCH 304° radial 9.3-mile DME at 40°56'13"N., 112°09'05"W.; thence north to the point of beginning. Area D. That airspace extending upward from 6,000 feet MSL to and including 12,000 feet MSL, within an area bounded by a line beginning at the Usana Amphitheatre at the TCH 192° radial 11.8-mile DME at 40°39'28"N., 112°02'08"W.; thence east to the intersection of I-15 and W. 5300 South St. at the TCH 163° radial 12.3-mile DME at 40°39'17"N., 111°54'06"W.; thence south along I-15 to the TCH 169° radial 20.7-mile DME at 40°30'43"N., 111°53'31"W.; thence west to the TCH 184° radial 20.4-mile DME at 40°30'38"N., 112°00'33"W.; thence north to the TCH 184° radial 16-mile DME at 40°35'03"N., 112°00'23"W.; thence clockwise along the TCH 16-mile DME arc to State Route 48 (SR-48) at the TCH 189° radial at 40°35'13"N., 112°02'18"W.; thence north to the point of beginning. Area E. That airspace extending upward from 6,500 feet MSL to and including 12,000 feet MSL, within an area bounded by a line beginning on SR-48 at the TCH 189° radial 16-mile DME arc at 40°35'13"N., 112°02'18"W.; thence clockwise along the TCH 16-mile DME arc to 03° radial at 40°36'14"N., 112°07'00"W.; the TCH 203° radial at 40°36'14"N., 112°07'00"W.; thence north along 112°07'00"W. to the TCH 211° radial 12-mile DME at 40°40'42"N., 112°07'00"W.; thence clockwise along the TCH 12-mile DME arc to the railroad tracks at the TCH 233° radial at 40°43'43"N., 112°11'27"W.; thence west along the railroad tracks to the TCH 236° radial 13.5-mile DME at 40°43'27"N., 112°13'38"W.; thence clockwise along the TCH 13.5-mile DME arc to the TCH 265° radial at 40°49'49"N., 112°16'38"W.; thence east along the TCH 265° radial to the TCH 12-mile DME at 40°49'57"N., 112°14'40"W.; thence northeast to a point southeast of Seagull Point on Antelope Island at the TCH 304° radial 9.3-mile DME at 40°56'13"N., 112°09'05"W.; thence south to I-80 at the TCH 239° radial 9-mile DME at 40°46'22"N., 112°09'04"W.; thence southeast to the intersection of SR-201 and S. 8000 West St. at the TCH 210° radial 9.1-mile DME at 40°43'06"N., 112°04'56"W.; thence southeast to the Usana Amphitheatre at the TCH 192° radial 11.8-mile DME at 40°39'28"N., 112°02'08"W.; thence south to the point of beginning. Area F. That airspace extending upward from 7,000 feet MSL to and including 12,000 feet MSL, within an area bounded by a line beginning at the TCH 184° radial 16-mile DME at 40°35'03"N., 112°00'23"W.; thence clockwise along the TCH 16-mile DME arc to the TCH 203° radial at 40°36'14"N., 112°07'00"W.; thence south along 112°07'00"W. to the TCH 197° radial 21.4-mile DME at 40°30'33"N., 112°07'00"W.; thence

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east to the TCH 184° radial 20.4-mile DME at 40°30'38"N., 112°00'33"W.; thence north to the point of beginning. Area G. That airspace extending upward from 8,000 feet MSL to and including 12,000 feet MSL, within an area bounded by a line beginning on I-15 at the TCH 169° radial 20.7-mile DME at 40°30'43"N., 111°53'31"W.; thence south along I-15 to the TCH 172° radial 24.4-mile DME at 40°26'51"N., 111°54'42"W.; thence south along the TCH 173° radial to the TCH 26.9-mile DME at 40°24'19"N., 111°54'23"W.; thence west to the TCH 193° radial 27.6-mile DME at 40°24'07"N., 112°07'00"W.; thence north along 112°07'00"W. to the TCH 197° radial 21.4-mile DME at 40°30'33"N., 112°07'00"W.; thence east to the point of beginning. Excluding R-6412, when active. Area H. That airspace extending upward from 9,000 feet MSL to and including 12,000 feet MSL, within an area bounded by a line beginning at the TCH 193° radial 27.6-mile DME at 40°24'07"N., 112°07'00"W.; thence south along 112°07'00"W. to the TCH 191° radial 33-mile DME at 40°18'34"N., 112°07'00"W.; thence counter clockwise along the TCH 33-mile DME arc to the TCH 173° radial at 40°18'14"N., 111°53'42"W.; thence north along the TCH 173° radial to the TCH 26.9-mile DME at 40°24'19"N., 111°54'23"W.; thence west to the point of beginning. Excluding R-6412, when active. Area I. That airspace extending upward from 10,000 feet MSL to and including 12,000 feet MSL, within an area bounded by a line beginning on I-15 at the TCH 172° radial 24.4-mile DME at 40°26'51"N., 111°54'42"W.; thence south along I-15 to intercept the TCH 160° radial 33-mile DME at 40°19'54"N., 111°44'26"W.; thence clockwise along the TCH 33-mile DME arc to the TCH 173° radial at 40°18'14"N., 111°53'42"W.; thence north along the TCH 173° radial to the point of beginning. Area J. That airspace extending upward from 11,000 feet MSL to and including 12,000 feet MSL, within an area bounded by a line beginning on the railroad tracks at the TCH 238° radial 20-mile DME at 40°40'22"N., 112°21'12"W.; thence east along the railroad tracks to the TCH 233° radial 12-mile DME at 40°43'43"N., 112°11'27"W.; thence counter clockwise along the TCH 12-mile DME arc to the TCH 211° radial at 40°40'42"N., 112°07'00"W.; thence south along 112°07'00"W. to the TCH 198° radial 20-mile DME at 40°31'58"N., 112°07'00"W.; thence clockwise along the TCH 20-mile DME arc to the point of beginning. Area K. That airspace extending upward from 8,600 feet MSL to and including 12,000 feet MSL, within an area bounded by a line beginning at the TCH 265° radial 13.5-mile DME at 40°49'49"N., 112°16'38"W.; thence west along the TCH 265° radial to intercept the TCH 20-mile DME arc at 40°49'13"N., 112°25'09"W.; thence counter clockwise along the TCH 20-mile DME arc to the railroad tracks at the TCH 238° radial at 40°40'22"N., 112°21'12"W.; thence east along the railroad tracks to the TCH 236° radial 13.5-mile DME at 40°43'27"N., 112°13'38"W.; thence clockwise along the TCH 13.5-mile DME arc to the point of beginning. Area L. That airspace extending upward from 10,500 feet MSL to and including 12,000 feet MSL, within an area bounded by a line beginning at the intersection of the Wasatch Mountains ridge line and Interstate 84 (I-84) at the TCH 016° radial 18-mile DME at 41°08'17"N., 111°52'18"W.; thence west along I-84 to the 4.3-mile radius of Hill AFB at the TCH 015° radial 17.9-mile DME at 41°08'16"N., 111°52'48"W.; thence clockwise along the 4.3-mile radius of Hill AFB to U.S. Highway 89 at the TCH 014° radial 13.6-mile DME at 41°04'11"N., 111°54'39"W.; thence south along U.S. Highway 89 to I-15 at the TCH 024° radial 9-mile DME at 40°59'14"N., 111°54'05"W.; thence south along I-15 to the TCH 072° radial 4-mile DME at 40°52'16"N., 111°53'50"W.; thence east along 40°52'16"N. to the TCH 081° radial 8-mile DME at 40°52'16"N., 111°48'30"W.; thence north along 111°48'30"W. to the Wasatch Mountains ridge line at the TCH 059° radial 9.2-mile DME at 40°55'45"N., 111°48'30"W.; thence north along the Wasatch Mountains ridge line to the point of beginning. Area M. That airspace extending upward from 9,000 feet MSL to and including 12,000 feet MSL, within an area bounded by a line beginning on I-15 at the TCH 356° radial 26-mile DME at 41°16'57"N., 112°01'33"W.; thence counter clockwise along the TCH 26-mile DME arc to the TCH 338° radial at 41°15'07"N., 112°11'50"W.; thence south to the TCH 333° radial 20-mile DME at 41°08'50"N., 112°10'56"W.; thence clockwise along the TCH 20-mile DME arc to I-15 at the TCH 356° radial at 41°10'58"N., 112°00'49"W.; thence north along I-15 to the point of beginning. Area N. That airspace extending upward from 10,000 feet MSL to and including 12,000 feet MSL, within an area bounded by a line beginning on I-15 at the TCH 356° radial 26-mile DME at 41°16'57"N., 112°01'33"W.; thence clockwise along the TCH 26-mile DME arc to North Mountain Rd. at the TCH 003° radial at 41°16'59"N., 111°56'57"W.; thence south on North Mountain Rd., which turns into Harrison Blvd., to the TCH 004° radial 20-mile DME at 41°10'58"N., 111°56'56"W.; thence counter clockwise along the TCH 20-mile DME arc to I-15 at the TCH 356° radial at 41°10'58"N., 112°00'49"W.; thence north along I-15 to the point of beginning. Area O. That airspace extending upward from 7,500 feet MSL to and including 12,000 feet MSL, within an area bounded by a line beginning at the intersection of U.S. Highway 89 and a 4.3-mile radius from Hill AFB at the TCH 014° radial 13.6-mile DME at 41°04'11"N., 111°54'39"W.; thence clockwise along the 4.3-mile radius from Hill AFB to 1700 South St. at the TCH 347° radial 14.7-mile DME at 41°05'20"N., 112°03'21"W.; thence west along W. 1700 South St. to the TCH 329° radial 16.8-mile DME at 41°05'22"N., 112°10'20"W.; thence south to the TCH 316° radial 11.6-mile DME at 40°59'21"N., 112°09'33"W.; thence east to I-15 at the TCH 013° radial 9.8-mile DME at 41°00'34"N., 111°56'00"W.; thence south to the TCH 020° radial 6.6-mile DME at 40°57'13"N., 111°55'56"W.; thence south to the intersection of Redwood Rd. and W. 500 South St. at the TCH 049° radial 3.1-mile DME at 40°53'02"N., 111°55'48"W.; thence south to Center St. at the TCH 102° radial 2.3-mile DME at 40°50'32"N., 111°55'57"W.; thence east along Center St. to I-15 at the TCH 099° radial 3-mile DME at 40°50'32"N., 111°54'56"W.; thence north along I-15 to U.S. Highway 89 at the TCH 024° radial 9-mile DME at 40°59'14"N., 111°54'05"W.; thence north along U.S. Highway 89 to the point of beginning.

10 Jan 2013 No Major Changes.

SPECIAL USE AIRSPACE

23 Nov 2006 – 10 Jan 2013 No Major Changes.

MILITARY TRAINING ROUTES

23 Nov 2006 – 10 Jan 2013 No Major Changes.

MISCELLANEOUS

23 Nov 2006 – 10 Jan 2013 No Major Changes.

SALT LAKE CITY SECTIONAL

88th Edition, 18 Oct 2012

OBSTRUCTIONS

15 Nov 2012 Add obst 6400'MSL (224'AGL), 40°30'10"N, 116°18'47"W.

Add obst 5674'MSL (208'AGL), 40°47'56"N, 115°54'27"W.

10 Jan 2013 Add obst 6598'MSL (226'AGL), 40°30'09"N, 114°54'48"W.

Add obst 6200'MSL (214'AGL), 42°41'12"N, 111°35'19"W.

AIRPORTS

15 Nov 2012 No Major Changes.

10 Jan 2013 Delete MASON arpt, 42°25'56.0"N, 114°09'59.0"W.

NAVAIDS

15 Nov 2012 – 10 Jan 2013 No Major Changes.

AIRSPACE

15 Nov 2012 Revise BOISE, ID. Class E: That airspace extending upward from the surface within 3.5 miles each side of the Boise Air Terminal 300° bearing extending from the 5-mile radius of the Boise Air Terminal to 9.5 miles northwest of the airport; and within .5 miles west and 5.6 miles east of the Boise Air Terminal 179° bearing extending from the 5-mile radius of the airport to 6.1 miles south of the airport; and that airspace within 4.3 miles each side of the Boise Air Terminal 114° bearing extending from the 5-mile radius of the airport to 11.7 miles southeast of the airport.

Revise BOISE, ID. Class E: That airspace extending upward from 700 feet above the surface bounded by a line beginning at 43°56'00"N., 116°33'04"W.; to 43°51'15"N., 116°25'03"W.; thence via the 19.3-mile radius of the Boise Air Terminal (Gowen Field), clockwise to 116°14'03"W.; to 43°45'00"N., 116°14'03"W.; to 43°31'00"N., 115°52'03"W.; to 43°20'00"N., 115°58'03"W.; to 43°25'00"N., 116°25'03"W.; to 43°27'00"N., 116°29'03"W.; to 43°25'12"N., 116°32'23"W.; to 43°29'25"N., 116°37'53"W.; to 43°32'45"N., 116°49'04"W.; to 43°37'35"N., 116°47'04"W.; to 43°42'00"N., 116°57'04"W.; thence to the point of beginning; that airspace extending upward from 1,200 feet above the surface within the 30.5-mile radius of the airport beginning at the 122° bearing of the airport, thence via a line to the intersection of the 34.8-mile radius of the airport and the 224° bearing of the airport, thence clockwise along the 34.8-mile radius of the airport to that airspace 7 miles each side of the 269° bearing of the airport extending from the 34.8-mile radius to 49.6 miles west of the airport, and within 7 miles northeast and 9.6 miles southwest of the 295° bearing of the airport extending from the 34.8-mile radius to 65.3 miles northwest of the airport, to 44°00'27"N., 117°10'58"W.; thence along the 042° bearing to V-253, thence south along V-253, thence along the 30.5-mile radius of the airport to the point of beginning; that airspace southeast of the airport extending upward from 9,000 feet MSL bounded on the north by V-444, on the east by V-293, on the south by V-330 on the southwest by V-4; that airspace northeast of the airport extending upward from 11,500 feet MSL, bounded on the northeast by V-293, on the south by V-444, on the southwest.

10 Jan 2013 No Major Changes.

SPECIAL USE AIRSPACE

15 Nov 2012 Add WHITE ELK NV MOA. Beginning at 40°36'00"N, 114°27'03"W; 40°36'00"N, 114°51'00"W; 40°24'30"N, 115°06'00"W; 39°51'40"N, 115°06'00"W; 39°23'00"N, 114°27'03"W; to the point of beginning. Altitude: 180 AGL to but not including 14000 MSL. Time of Use: 0730-2200 Monday through Thursday, 0730-1630 Fridays; other times by NOTAM. Controlling Agency: Salt Lake ARTCC.

Add FALLON SOUTH 3 NV MOA. Boundary beginning at 38°43'00"N, 118°11'33"W; 38°43'00"N, 118°02'03"W; 39°10'00"N, 117°23'03"W; 38°56'00"N, 117°23'03"W; 38°40'00"N, 118°00'03"W; 38°40'00"N, 118°05'13"W; at the point of beginning. Altitude: FL 180 to but not including 100 AGL. Time of Use: 0715-2330 daily; other times by NOTAM. Controlling Agency: Oakland ARTCC.

Add FALLON SOUTH 4 NV MOA. Boundary beginning at 39°30'31"N, 117°24-27.0 W; 39°28'31"N, 117°16'11"W; 39°45'00"N, 116°30'03"W; 39°10'00"N, 116°30'03"W; to the point of beginning. Excluding: (1) that airspace encompassed by a 3 NM radius center on the town of Austin, NV located at approximately 39°29'50"N; 117°04'03"W, below 2,000 FT AGL. (2) that airspace encompassed by a 3 nm radius centered on Austin airport, NV, located at 39°28'05"N; 117°11'44"W, below 2,000 FT 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 Fallon South 4 MOA between 2,000 FT AGL and 10,500 FT MSL. Altitude: FL 180 to but not including 100 AGL. Time of Use: 0715-2330 daily; other times by NOTAM. Controlling Agency: Salt Lake ARTCC.

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10 Jan 2013 Add FALLON NORTH 4 NV MOA. Boundary beginning at 40°20'37"N, 116°59'53"W; 40°23'00"N, 116°53'03"W; 40°25'00"N, 116°30'03"W; 39°45'00"N, 116°30'03"W; 39°28'31"N, 117°16'11"W; 39°30'31"N, 117°24'27"W; 39°44'43", 117°25'22"W; 40°05'00"N, 116°59'55"W, to the point of the beginning. Excluding (1) that airspace encompassed by a 3NM radius centered on the town of Austin, NV located at approximately 39°29'50"N, 117°04'03"W; below 2000' AGL. (2) That airspace encompassed by a 3NM radius centered on Austin airport NV, located at 39°28'05"N; 117°11'51"W, below 2,000 FT AGL. (3) that airspace 2 NM either side of state route 722 to the town of Austin, NV and Austin Airport, NV. Altitude: FL 180 to but not including 200 AGL. Time of Use: 0715-2330 daily; other times by NOTAM. Controlling Agency: Salt Lake ARTCC.

Add FALLON NORTH 3 NV MOA. Boundary beginning at 40°13'16"N, 117°24'09"W; 40°20'37"N, 116°59'53"W; 40°05'00"N, 116°59'55"W; 30°44'43"N, 117°25'22"W; 39°55'11"N, 117°26'15"W; 39°59'10"N, 117°34'03"W; 40°09'08"N, 117°24'03"W to the point of beginning. Altitude: 100 AGL to but not including FL 180 Southeast of the line beginning at 40°06'00" N, 117°48'03" W to 39°29'50" N, 117°04'03" W; 200 AGL to but not including FL 180 Northeast of the line beginning at 40°06'00" N, 117°48'03" W to 39°29'50" N, 117°04'03" W. Time of Use: 0715-2330 daily; other times by NOTAM. Controlling Agency: Salt Lake ARTCC.

MILITARY TRAINING ROUTES

15 Nov 2012 – 10 Jan 2013 No Major Changes.

MISCELLANEOUS

15 Nov 2012 No Major Changes.

10 Jan 2013 Delete RP 13 at ALPINE arpt, 43°11'04"N, 111°02'32"W.
Delete RP * at SPANISH FORK-SPRINGVILLE arpt, 40°08'33"N, 111°39'51"W.

SALT LAKE CITY TERMINAL AREA CHART

47th Edition, 18 Oct 2012

OBSTRUCTIONS

15 Nov 2012 – 10 Jan 2013 No Major Changes.

AIRPORTS

15 Nov 2012 – 10 Jan 2013 No Major Changes.

NAVAIDS

15 Nov 2012 – 10 Jan 2013 No Major Changes.

AIRSPACE

15 Nov 2012 – 10 Jan 2013 No Major Changes.

SPECIAL USE AIRSPACE

15 Nov 2012 – 10 Jan 2013 No Major Changes.

MILITARY TRAINING ROUTES

15 Nov 2012 – 10 Jan 2013 No Major Changes.

MISCELLANEOUS

15 Nov 2012 No Major Changes.

10 Jan 2013 Delete RP * at SPANISH FORK-SPRINGVILLE arpt, 40°08'33"N, 111°39'51"W.

SAN DIEGO TERMINAL AREA CHART
65th Edition, 13 Dec 2012

OBSTRUCTIONS

10 Jan 2013 No Major Changes.

AIRPORTS

10 Jan 2013 No Major Changes.

NAVAIDS

10 Jan 2013 No Major Changes.

AIRSPACE

10 Jan 2013 No Major Changes.

SPECIAL USE AIRSPACE

10 Jan 2013 No Major Changes.

MILITARY TRAINING ROUTES

10 Jan 2013 No Major Changes.

MISCELLANEOUS

10 Jan 2013 No Major Changes.

SAN FRANCISCO SECTIONAL
89th Edition, 23 Aug 2012

OBSTRUCTIONS

20 Sep 2012 Add obst 484'MSL (350'AGL), 38°41'17"N, 121°56'06"W.

15 Nov 2012 Change obst from 5854'MSL(254'AGL) to 5972'MSL(252'AGL), 36°17'16"N, 118°50'23"W.

10 Jan 2013 Add obst 402'MSL (253'AGL), 38°29'47"N, 121°59'47"W.

AIRPORTS

20 Sep 2012 – 15 Nov 2012 No Major Changes.

10 Jan 2013 Delete SILLER arpt, 39°27'37"N, 121°34'50"W.

NAVAIDS

20 Sep 2012 – 10 Jan 2013 No Major Changes.

AIRSPACE

20 Sep 2012 Revise FAIRFIELD, CA Class E. That airspace extending upward from the surface within 1.8 miles each side of the Travis AFB 047° bearing, extending from the 4.3-mile radius of Travis AFB to 8.7 miles northeast of Travis AFB, and within 1.8 miles each side of the Travis AFB 227° bearing extending from the 4.3-mile radius of the airport to 8.7 miles southwest of Travis AFB, and within 3.7 miles northwest and 1.8 miles southeast of the Travis AFB 236° bearing extending from the 4.3-mile radius of the airport to 5.6 miles southwest of Travis AFB.

Revise WOODLAND, CA Class E. That airspace extending upward from 700 feet above the surface within a 2.6-mile radius of Watts-Woodland Airport, and within 2.6 miles each side of the Watts-Woodland Airport 133° bearing extending from the 2.6-mile radius to 8.1 miles southeast of Watts-Woodland Airport, and within 1.8 miles each side of the Watts-Woodland Airport 172° bearing extending from the 2.6-mile radius to 6 miles south of the airport, and within 1.9 miles each side of the Watts-Woodland Airport 345° bearing extending from the 2.6-mile radius to 7 miles north of the airport.

15 Nov 2012 No Major Changes.

10 Jan 2013 Add COALDALE, NV Class E: That airspace extending upward from 1,200 feet above the surface bounded by a line beginning at 38°55'20"N, 119°22'42"W; to 38°57'46"N, 119°14'44"W; to 38°41'13"N, 118°53'31"W; to 38°44'27"N, 118°48'52"W; to 38°37'03"N, 118°40'45"W; to 38°23'17"N, 118°20'35"W; to 38°16'55"N, 118°13'39"W; to 38°02'23"N, 117°56'00"W; to 37°45'08"N, 117°41'19"W; to 37°45'58"N, 117°39'55"W; to 37°29'37"N, 117°25'57"W; to 37°15'12"N, 117°13'46"W; to 37°12'00"N, 117°20'00"W; to 37°12'02"N, 117°38'40"W; to 37°19'09"N, 117°58'15"W; to 37°28'23"N, 117°54'28"W; to 37°55'00"N, 118°10'30"W; to 38°04'06"N, 119°15'00"W; thence to the point of origin.

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SPECIAL USE AIRSPACE**20 Sep 2012** No Major Changes.**15 Nov 2012** Add FALLON NORTH 1 NV MOA. Boundary beginning at 39°51'00"N, 118°38'04"W; 40°01'00"N, 118°15'04"W; 40°06'00"N, 117°57'33"W; 40°06'03"N, 117°48'03"W; 40°02'40"N, 117°56'53"W; 39°34'27"N, 118°19'02"W; 39°26'21"N, 118°26'21"W; 39°45'53"N, 118°37'56"W to the point of beginning. Excluding that airspace within R-4813A when active, and those portions of the Fallon and Stillwater National Wildlife Refuge Areas below 3,000 AGL. Altitude: 100 AGL to but not including FI 180. Time of Use: 0715-2330 Daily; other times by NOTAM. Controlling agency: Oakland ARTCC.

Add FALLON NORTH 2 NV MOA. Boundary beginning at 40°06'03"N, 117°48'03"W; 40°13'16"N, 117°24'09"W; 40°09'08"N, 117°24'03"W; 39°59'10"N, 117°34'03"W; 39°55'11"N, 117°26'15"W; 39°44'43"N, 117°25'22"W; 39°30'31"N, 117°24'27"W; 39°34'12"N, 117°39'39"W; 39°34'20"N, 118°12'19"W; 39°34'27"N, 118°19'02"W; 40°02'40"N, 117°56'53"W to the point of beginning. Excluding that airspace within R-4816N when active, and those portions of the Fallon and Stillwater National Wildlife Refuge areas below 3,000 AGL. Altitude: 100 AGL to but not including FI 180. Time of Use: 0715-2330 daily; other times by NOTAM. Controlling Agency: Oakland ARTCC.

Add FALLON SOUTH 1 NV MOA. Boundary beginning at 39°26'21"N, 118°26'21"W; 39°34'27"N, 118°19'02"W; 39°34'20"N, 118°12'19"W; 39°34'12"N, 117°39'39"W; 39°30'31"N, 117°24'27"W; 39°10'00"N, 117°23'03"W; 39°06'05"N, 118°33'37"W; 39°17'00"N, 118°21'24"W to the point of beginning. Excluding the following airspace: (1) that airspace within R4804A, R-4810, R-4812 and R-4816S when active; (2) that airspace between 2,000 FT AGL and 8,500 FT MSL bounded on the west by the western edge of the Fallon South 1 MOA, on the north by the southern boundary of R-4816S, on the east by 118°07'30"W, and on the south by U.S. Highway 30; (3) that airspace between 2,000 FT AGL and 10,500 FT MSL bounded on the west by 118°07'30"W, on the north by the southern boundary of R-4816S and on the south by a line 2NM south of and parallel to U.S. Highway 50, thence eastward until the intersection of U.S. Highway 50 and State Route 722, then 2NM either side of State Route 722 eastward to the eastern boundary of the Fallon South MOA 1. Altitude: 100 AGL to but not including FI 180. Time of Use: 0715-2330 daily; other times by NOTAM. Controlling Agency: Oakland ARTCC.

Add FALLON SOUTH 2 NV MOA. Boundary beginning at 39°06'05"N, 118°33'37"W; 39°10'00"N, 117°23'03"W; 38°43'00"N, 118°02'03"W; 38°43'00"N, 118°11'33"W; 38°58'00"N, 118°42'54"W to the point of beginning. Excluding that airspace encompassed by a 3 NM radius centered on the town of Gabbs, NV, located at 38°52'12"N, 117°55'33"W; below 2,000 FT AGL. Altitude: 100 AGL to but not including FI 180. Time of Use: 0715-2330 daily; other times by NOTAM. Controlling Agency: Oakland ARTCC.

Add FALLON SOUTH 3 NV MOA. Boundary beginning at 38°43'00"N, 118°11'33"W; 38°43'00"N, 118°02'03"W; 39°10'00"N, 117°23'03"W; 38°56'00"N, 117°23'03"W; 38°40'00"N, 118°00'03"W; 38°40'00"N, 118°05'13"W to the point of beginning. Altitude: 100 AGL to but not including FI 180. Time of Use: 0715-2330 daily; other times by NOTAM. Controlling Agency: Oakland ARTCC.

10 Jan 2013 No Major Changes.**MILITARY TRAINING ROUTES****20 Sep 2012 - 10 Jan 2013** No Major Changes.**MISCELLANEOUS****20 Sep 2012 - 15 Nov 2012** No Major Changes.**10 Jan 2013** Add CTAF symbol to freq. 122.725 at RIO VISTA arpt, 38°11'36"N, 121°42'13"W.

SAN FRANCISCO TERMINAL AREA CHART
81st Edition, 23 Aug 2012

OBSTRUCTIONS

20 Sep 2012 – 15 Nov 2012 No Major Changes.

10 Jan 2013 Add obst 231' MSL (225' AGL), 37°58'13"N, 122°29'46"W.

AIRPORTS

20 Sep 2012 – 10 Jan 2013 No Major Changes.

NAVAIDS

20 Sep 2012 – 10 Jan 2013 No Major Changes.

AIRSPACE

20 Sep 2012 Revise FAIRFIELD, CA Class E. That airspace extending upward from the surface within 1.8 miles each side of the Travis AFB 047° bearing, extending from the 4.3-mile radius of Travis AFB to 8.7 miles northeast of Travis AFB, and within 1.8 miles each side of the Travis AFB 227° bearing extending from the 4.3-mile radius of the airport to 8.7 miles southwest of Travis AFB, and within 3.7 miles northwest and 1.8 miles southeast of the Travis AFB 236° bearing extending from the 4.3-mile radius of the airport to 5.6 miles southwest of Travis AFB.

15 Nov 2012 – 10 Jan 2013 No Major Changes.

SPECIAL USE AIRSPACE

20 Sep 2012 – 10 Jan 2013 No Major Changes.

MILITARY TRAINING ROUTES

20 Sep 2012 – 10 Jan 2013 No Major Changes.

MISCELLANEOUS

20 Sep 2012 – 10 Jan 2013 No Major Changes.

WICHITA SECTIONAL
90th Edition, 10 Jan 2013

OBSTRUCTIONS

10 Jan 2013 No Major Changes.

AIRPORTS

10 Jan 2013 No Major Changes.

NAVAIDS

10 Jan 2013 No Major Changes.

AIRSPACE

10 Jan 2013 No Major Changes.

SPECIAL USE AIRSPACE

10 Jan 2013 No Major Changes.

MILITARY TRAINING ROUTES

10 Jan 2013 No Major Changes.

MISCELLANEOUS

10 Jan 2013 No Major Changes.
