

VFR AERONAUTICAL CHART SYMBOLS

AERONAUTICAL INFORMATION

| | |
|---|----|
| AIRPORTS | 9 |
| RADIO AIDS TO NAVIGATION | 10 |
| AIRSPACE INFORMATION | 11 |
| NAVIGATIONAL AND PROCEDURAL INFORMATION | 15 |
| CHART LIMITS | 17 |

TOPOGRAPHIC INFORMATION

CULTURE

| | |
|---------------------------------------|----|
| RAILROADS | 18 |
| ROADS | 18 |
| POPULATED PLACES OUTLINED | 19 |
| BOUNDARIES | 19 |
| MISCELLANEOUS CULTURAL FEATURES | 20 |

HYDROGRAPHY

| | |
|---|----|
| SHORELINES | 21 |
| LAKES | 21 |
| RESERVOIRS | 21 |
| STREAMS | 22 |
| MISCELLANEOUS HYDROGRAPHIC FEATURES | 22 |

RELIEF

| | |
|-------------------------------------|----|
| CONTOURS | 25 |
| ELEVATIONS | 26 |
| UNRELIABLE RELIEF | 26 |
| SHADED RELIEF | 26 |
| AREA RELIEF FEATURES | 26 |
| MISCELLANEOUS RELIEF FEATURES | 26 |

HELICOPTER ROUTE CHARTS

| | |
|---|----|
| AIRPORTS | 27 |
| RADIO AIDS TO NAVIGATION | 27 |
| AIRSPACE INFORMATION | 28 |
| NAVIGATIONAL AND PROCEDURAL INFORMATION | 30 |
| CULTURE | 31 |
| HYDROGRAPHY | 31 |
| RELIEF | 31 |

VFR FLYWAY PLANNING CHARTS

| | |
|---|----|
| AIRPORTS | 32 |
| RADIO AIDS TO NAVIGATION | 32 |
| AIRSPACE INFORMATION | 32 |
| NAVIGATIONAL AND PROCEDURAL INFORMATION | 34 |
| CULTURE | 35 |
| HYDROGRAPHY | 35 |
| RELIEF | 35 |

GENERAL INFORMATION

Symbols shown are for World Aeronautical Charts (WAC), Sectional aeronautical charts and Terminal Area Charts (TAC). When a symbol is different on any VFR chart series, it will be annotated thus:
WAC or Not shown on WAC.

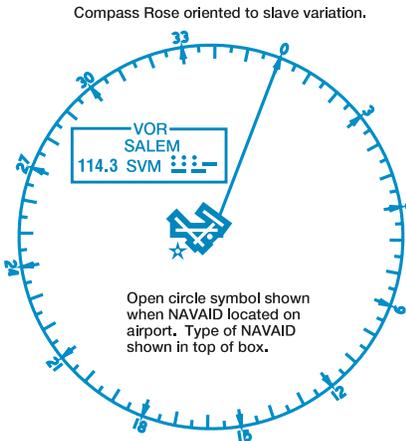
| AIRPORTS | |
|--|------------|
| <p>LANDPLANE-CIVIL</p> <p><i>Airports having control towers (CT) are shown in blue, all others are shown in magenta.</i></p> <p><i>All recognizable runways, including some which may be closed, are shown for visual identification purposes.</i></p> <p><i>Refueling and repair facilities for normal traffic.</i></p> <p><i>Runway patterns will be depicted at airports with at least one hard surface runway 1500' or greater in length.</i></p> | <p>WAC</p> |
| <p>SEAPLANE-CIVIL</p> | <p>WAC</p> |
| <p>LANDPLANE CIVIL-MILITARY</p> | <p>WAC</p> |
| <p>LANDPLANE-MILITARY</p> <p><i>Refueling and repair facilities not indicated.</i></p> | <p>WAC</p> |
| <p>LANDPLANE-EMERGENCY</p> <p><i>No facilities</i></p> <p><i>or</i></p> <p><i>Complete information is not available.</i></p> <p><i>Add appropriate notes as required: "closed, approximate position, existence unconfirmed."</i></p> | <p>WAC</p> |

| AIRPORTS | |
|--|--|
| <p>SEAPLANE-EMERGENCY</p> <p>No facilities or complete information is not available</p> | <p>WAC</p> |
| <p>HELIPORT (Selected)</p> | <p>WAC</p> |
| <p>ULTRALIGHT FLIGHT PARK (Selected)</p> | <p>Not shown on WAC</p> |
| <p>AIRPORT DATA GROUPING</p> | <p>Rotating Beacon in operation Sunset to Sunrise</p> <p>FSS NO SVFR [NAME](NAM) CT - 118.3 * C ASOS/ AWOS 135.42 897 L 110 122.95 RP 23,34 VFR Advsy 125.0</p> <p>FSS NO SVFR [NAME](NAM) CT - 118.3 * ATIS 123.8 897 L 110 U Airport of Entry</p> <p>WAC</p> |
| <p>Legend:</p> <ul style="list-style-type: none"> FSS - Flight Service Station on field NO SVFR - Airports where fixed wing special visual flight rules FSS - Flight Service Station on field NO SVFR - Airports where fixed wing special visual flight rules operations are prohibited (shown above airport name) F.A.R., 91 [] - Indicates F.A.R., 93 Special Air Traffic Rules and Airport Traffic Patterns R - Airport Surveillance Radar (Not shown on WAC) (NAM) - Location Identifier (Not shown on WAC) CT - 118.3 - Control Tower (CT) - primary frequency * - Star indicates operation part-time. See tower frequencies tabulation for hours of operation C - Indicates Common Traffic Advisory Frequencies (CTAF) (Not shown on WAC) ATIS 123.8 - Automatic Terminal Information Service ASOS/ AWOS 135.42 - Automated Surface Weather Observing Systems (Shown when full-time ATIS is not available.) Some ASOS/AWOS facilities may not be located at airport. (Not shown on WAC) 897 - Elevation in feet L - Lighting in operation Sunset to Sunrise *L - Lighting limitations exist; refer to Airport/Facility Directory. 110 - Length of longest runway in hundreds of feet; usable length may be less. UNICOM - Aeronautical advisory station ("U" only on WAC) RP 23,34 - Runways with Right Traffic Patterns (public use) (Not shown on WAC) RP* - (See Airport/Facility Directory) VFR Advsy 125.0 - VFR Advisory Service shown where ATIS is not available and frequency is other than primary CT frequency. <p>When lighting is not available, the respective character is replaced by a dash. All lighting codes refer to runway lights. Lighted runway may not be the longest or lighted full length.</p> | |

RADIO AIDS TO NAVIGATION

VHF OMNI-DIRECTIONAL RADIO (VOR) RANGE

Compass Rose oriented to slave variation.



Open circle symbol shown when NAVAID located on airport. Type of NAVAID shown in top of box.

VOR

Operates less than continuous or on-request Transcribed Weather Broadcast (TWEB)



OAKDALE
*116.8 OAK

Underline indicates no voice on this frequency

VORTAC

Low Frequency Name ASOS/AWOS

379 110.0 Ch 47 PTK

Freq and Channel Identification

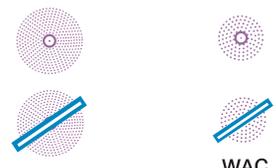
VOR-DME

Hazardous Inflight Weather Advisory Service (HIWAS)



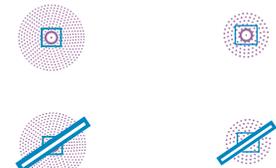
SALEM
*114.3 Ch 90 SVM

NON-DIRECTIONAL RADIOBEACON (NDB)



HUMPHREY
275 HPY

Underline indicates no voice on this frequency



GAMBELL
369 GAM
DME Ch 92 (114.5)

RADIO AIDS TO NAVIGATION

ILS COMPONENTS

Shown when component of airway system or used in the description of Class B airspace.

Localizer

○ LCZR OR ○ LOCALIZER 109.5 I-BED

Locator Beacon

○ LOM OR  LOM 388 DT

ILS - DME

○

SALT LAKE CITY
DME ANT (I-BNT) Ch 52 (111.5)

BROADCAST STATIONS (BS)

○

BS
KFTM
1400

FLIGHT SERVICE STATION (FSS)

Heavy line box indicates Flight Service Station (FSS). Frequencies 121.5, 122.2, 243.0, and 255.4 (Canada - 121.5, 126.7, and 243.0) are normally available at all FSS's and are not shown above boxes. All other frequencies are shown. Frequencies transmit and receive except those followed by an R. R - receive only.

PONTIAC PTK

No NAVAID of the same name as FSS

OR

122.1R

IDAHO FALLS
109.0 Ch 27 IDA

FSS oper 0500-2300
Boise FSS other times.

NAVAID same name as FSS but not an RCO

Frequencies above thin line box are remot to NAVAID site. Other frequencies at FSS providing voice communication may be available determined by altitude and terrain. Consult Airport / Facility Directory for complete information.

Thin line box without frequencies and controlling FSS name indicates no FSS frequency available.

123.6

OLYMPIA RCO
McCHORD

122.35
ST PAUL
108.6 STP
MINNEAPOLIS

122.35
HUMPHREY
275 HPY
MILES CITY

FSS providing voice communication

AIR FORCE STATION (AFS)

122.0 AFS 123.6
POINT BARROW

122.4 AFS 123.6
CAPE LEWISTON
206 LWS

AFS at airport with NDB

LONG RANGE RADAR STATION (LRRS)

122.4 LRRS 122.55
BARTER ISLAND

122.4 LRRS 123.6
CAPE LISBURNE
385 LUR

LRRS at airport with NDB

AIRSPACE INFORMATION

CLASS B AIRSPACE

Appropriate notes as required may be shown.

Only the airspace effective below 18,000 feet MSL are shown.

(Mode C see FAR 91.215 /AIM)

All mileages are nautical (NM).

All radials are magnetic.

LAS VEGAS CLASS B

Outer limit only, segments not shown

FOR FLIGHTS AT AND BELOW 8000' MSL SEE KANSAS CITY VFR TERMINAL AREA CHART

(WAC only)

80 - Ceiling of Class B in hundreds of feet MSL
40 - Floor of Class B in hundreds of feet MSL

CTC LAS VEGAS APP ON 121.1 OR 257.8

(TAC only)

CLASS C AIRSPACE

Appropriate notes as required may be shown.

(Mode C see FAR 91.215 /AIM)

BURBANK CLASS C

Outer limit only, segments not shown

BOISE CLASS C

See NOTAMs/Directory for Class C eff hrs

WAC

FOR FLIGHTS AT OR BELOW 6600' MSL SEE PHOENIX VFR SECTIONAL CHART

(WAC only)

48 - Ceiling of Class C in hundreds of feet MSL
30 - Floor of Class C in hundreds of feet MSL

CTC BURBANK APP WITHIN 20 NM ON 124,6 395,9

Not shown on WAC

AIRSPACE INFORMATION

CLASS D AIRSPACE

See NOTAMs/Directory for Class D eff hrs

See NOTAMs/Directory for Class D/E (sfc) eff hrs

(A minus in front of the figure is used to indicate "from surface to but not including...")

ALTITUDE IN HUNDREDS OF FEET MSL

Not shown on WAC

CLASS E AIRSPACE

The limits of Class E airspace shall be shown by narrow vignettes or by the dashed magenta symbol. Individual units of designated airspace are not necessarily shown; instead, the aggregate lateral and vertical limits shall be defined by the following:

Airspace beginning at the surface designated around airports ...

See NOTAMs/Directory for Class D/E (sfc) eff hrs

See NOTAMs/Directory for Class E (sfc) eff hrs

See NOTAMs/Directory for 700' Class E eff hrs

Airspace beginning at 700 feet AGL ...

Airspace beginning at 1200 feet AGL or greater that abuts uncontrolled airspace (Class G) ...

8000 AGL

CEILING 14,000 MSL

Not shown on WAC

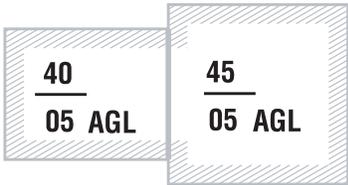
OFFSHORE CONTROL AREAS

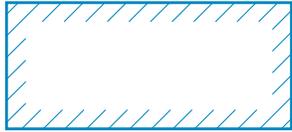
Class G Airspace

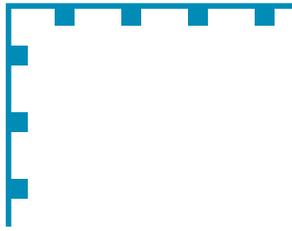
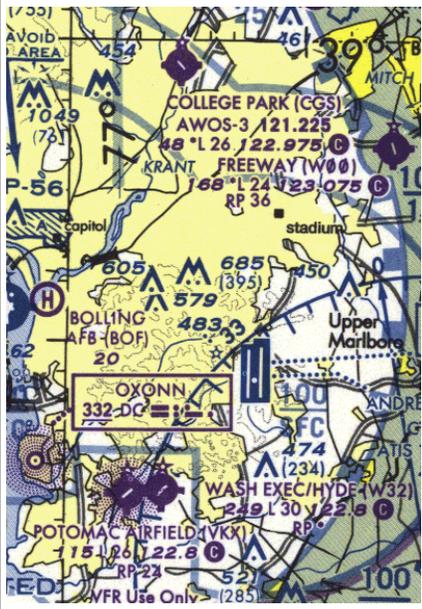
WAC

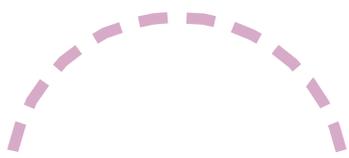
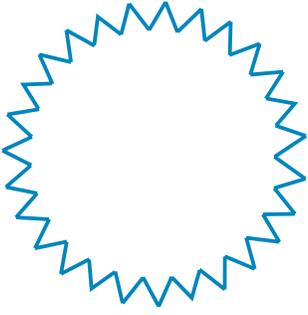
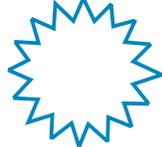
| AIRSPACE INFORMATION | |
|---|---|
| <p>CANADIAN AIRSPACE</p> <p><i>Individual units of designated Canadian airspace are not necessarily shown; instead, the aggregate lateral and vertical limits shall be portrayed as closely as possible to the comparable U.S. airspace.</i></p> <p><i>Appropriate notes as required may be shown.</i></p> | <p style="text-align: right;">TCA Class C/D</p> <p style="text-align: right;">TCA Class C/D</p> <p style="text-align: right;">WAC</p> <p style="text-align: center;">Outer limit only, segments not shown</p> <p>125 - Ceiling of TCA Class C/D in hundreds of feet MSL 25 - Floor of TCA Class C/D in hundreds of feet MSL</p> |
| <p>AIRSPACE OUTSIDE OF U.S.</p> <p><i>Other than Canada</i></p> <p><i>Appropriate notes as required may be shown.</i></p> | <p style="text-align: center;">Class D CZ</p> <p style="text-align: center;">Class C or D Control Zone</p> <p style="text-align: center;">ALTITUDE IN HUNDREDS OF FEET MSL</p> <p style="text-align: center;">Class E Control Zone</p> <p style="text-align: center;">Not shown on WAC</p> <div style="border: 1px solid black; padding: 5px; margin: 5px;"> <p>AIRSPACE CLASSIFICATION (SEE CANADA FLIGHT SUPPLEMENT) AND OPERATIONAL REQUIREMENTS (SEE DOD AREA PLANNING AP/1) MAY DIFFER BETWEEN CANADA AND UNITED STATES</p> </div> <div style="border: 1px solid black; padding: 5px; margin: 5px;"> <p>NOTE: REFER TO CURRENT CANADIAN CHARTS AND FLIGHT INFORMATION PUBLICATIONS FOR INFORMATION WITHIN CANADIAN AIRSPACE</p> </div> |
| <p>FLIGHT INFORMATION REGIONS (FIR) and/or (CTA)</p> <p>OCEANIC CONTROL AREAS (OCA)</p> | <p style="text-align: center;">No FIR exists this side - No ticks</p> <p style="text-align: center;">MONCTON FIR CZQM</p> <p style="text-align: center;">WINNIPEG FIR CZWG</p> <p style="text-align: center;">EDMONTON FIR CZEG</p> <p style="text-align: center;">OAKLAND OCEANIC CONTROL AREA</p> |

| AIRSPACE INFORMATION | |
|--|--|
| <p>AIR DEFENSE IDENTIFICATION ZONE (ADIZ)</p> <p><i>Note. Delimiting line not shown when it coincides with International Boundary, projection lines or other linear features.</i></p> | <p style="text-align: center;">ALASKA ADIZ</p> |
| <p>LOW ALTITUDE AIRWAYS VOR and LF / MF (CLASS E AIRSPACE)</p> <p><i>Low altitude Federal Airways are indicated by centerline.</i></p> <p><i>Only the controlled airspace effective below 18,000 feet MSL is shown.</i></p> | <p style="text-align: center;">V2N ← 270°</p> <p style="text-align: center;">Alternate Airway radial</p> <p style="text-align: center;">Total mileage between NAVAIDS on direct Airways.</p> <p style="text-align: center;">25</p> <p style="text-align: center;">V2 ← 255°</p> <p style="text-align: center;">Enroute Airway radial</p> <p style="text-align: center;">R40</p> <p style="text-align: center;">LF / MF Airway</p> <p style="text-align: center;">V2N ← 270°</p> <p style="text-align: center;">Alternate Airway radial</p> <p style="text-align: center;">V2 ← 255°</p> <p style="text-align: center;">Enroute Airway radial</p> <p style="text-align: center;">R40</p> <p style="text-align: center;">LF / MF Airway</p> <p style="text-align: center;">WAC</p> |
| <p>MISCELLANEOUS AIR ROUTES</p> | <p style="text-align: center;">BR 63V ← 265°</p> <p style="text-align: center;">Bahama Route</p> <p style="text-align: center;">A 301</p> <p style="text-align: center;">Oceanic & ATS Route</p> <p style="text-align: center;">AR5</p> <p style="text-align: center;">Atlantic Route</p> <p style="text-align: center;">GULF RTE-26</p> <p style="text-align: center;">Gulf Route</p> <p style="text-align: center;">B ROUTE-2</p> <p style="text-align: center;">Class G Route</p> <p style="text-align: center;">BR 63V ← 265°</p> <p style="text-align: center;">Bahama Route</p> <p style="text-align: center;">A 301</p> <p style="text-align: center;">Oceanic & ATS Route</p> <p style="text-align: center;">AR5</p> <p style="text-align: center;">Atlantic Route</p> <p style="text-align: center;">GULF RTE-26</p> <p style="text-align: center;">Gulf Route</p> <p style="text-align: center;">B ROUTE-2</p> <p style="text-align: center;">Class G Route</p> <p style="text-align: center;">WAC</p> |

| AIRSPACE INFORMATION | |
|--|---|
| <p>SPECIAL USE AIRSPACE</p> <p><i>Only the airspace effective below 18,000 feet MSL are shown.</i></p> <p><i>The type of area shall be spelled out in large areas if space permits.</i></p> |  <p style="text-align: center;">PROHIBITED, RESTRICTED OR WARNING AREA</p>  <p style="text-align: center;">ALERT AREA</p>  <p style="text-align: center;">MILITARY OPERATIONS AREA (MOA)</p> |
| <p>MILITARY TRAINING ROUTES (MTR)</p> |  <p style="text-align: center;">Not shown on WAC</p> |
| <p>SPECIAL MILITARY ACTIVITY ROUTES (SMAR)</p> <p><i>Boxed notes (as in text) shown adjacent to route.</i></p> |  <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: fit-content;"> <p style="text-align: center;">SPECIAL MILITARY ACTIVITY CONTACT MOBILE FSS ON 123.6 FOR ACTIVITY STATUS</p> </div> <p> 40 --- Ceiling of SMAR in hundreds of feet MSL 05 AGL --- Floor of SMAR in hundreds of feet AGL </p> <p style="text-align: center;">Not shown on WAC</p> |

| AIRSPACE INFORMATION | |
|---|--|
| <p>SPECIAL AIR TRAFFIC RULES / AIRPORT PATTERNS (FAR 93)</p> <p><i>Appropriate boxed note as required shown adjacent to area.</i></p> |  <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: fit-content;"> <p style="text-align: center;">SPECIAL NOTICE Pilots are required to obtain an ATC clearance prior to entering this area.</p> </div> |
| <p>SPACE OPERATIONS AREA (FAR 91.143)</p> |  <p style="text-align: center;">DARKER TINT IS FAR 91.143 AREA</p> <p style="text-align: center;">Not shown on WAC</p> |
| <p>MODE C (FAR 91.215)</p> <p><i>Appropriate notes as required may be shown.</i></p> | <p style="text-align: center;">MODE C</p>  <p style="text-align: center;">30 NM</p> |
| <p>MISCELLANEOUS AIRSPACE AREAS</p> <p>Parachute Jumping Area with Frequency</p> <p>Glider Operating Area</p> <p>Ultralight Activity</p> <p>Hang Glider Activity</p> |  <p style="text-align: center;">122.9</p>    <p style="text-align: center;">Not shown on WAC</p> |
| <p>SPECIAL CONSERVATION AREAS</p> <p>National Park, Wildlife Refuge, Primitive and Wilderness Areas, etc.</p> |  <p style="text-align: center;">PAHRANAGAT NATIONAL WILDLIFE REFUGE</p> <p style="text-align: center;">Not shown on WAC</p> |

| AIRSPACE INFORMATION | |
|--|---|
| <p>SPECIAL AIRSPACE AREAS</p> <p>SPECIAL FEDERAL AVIATION REGULATIONS (SFAR) AREAS</p> <p><i>Appropriate notes as required may be shown.</i></p> |  <div style="border: 1px solid blue; padding: 5px; margin-top: 10px;"> <p>SPECIAL FEDERAL AVIATION REGULATIONS (SFAR) 14 CFR Part 93, Subpart U and SFAR 50.2 - GRAND CANYON NATIONAL PARK SPECIAL FLIGHT RULES AREA. Special regulations apply to all aircraft operations below 18,000 feet MSL.</p> </div> |
| <p>SFAR AREA RELATING TO NATIONAL SECURITY</p> <p>Example: Washington DC</p> <p><i>Appropriate notes as required may be shown.</i></p> |  <div style="border: 1px solid blue; padding: 5px; margin-top: 10px;"> <p>WASHINGTON, DC METROPOLITAN AREA SPECIAL FLIGHT RULES AREA IN EFFECT (See SFAR 94 description in chart border).</p> </div> |
| <p>TEMPORARY FLIGHT RESTRICTION (TFR) RELATING TO NATIONAL SECURITY</p> <p>Example: P-40/R-4009</p> <p><i>Appropriate notes as required may be shown.</i></p> |  <div style="border: 1px solid blue; padding: 5px; margin-top: 10px;"> <p>CAUTION P-40 AND R-4009 EXPANDED BY TEMPORARY FLIGHT RESTRICTION. CONTACT AFSS FOR LATEST STATUS AND NOTAMS</p> </div> <p style="text-align: center;">Not shown on WAC</p> |

| AIRSPACE INFORMATION | |
|--|---|
| <p>NATIONAL SECURITY AREA</p> <p><i>Appropriate notes as required may be shown.</i></p> |  <div style="border: 1px solid purple; padding: 5px; margin-top: 10px;"> <p>FOR REASONS OF NATIONAL SECURITY PILOTS ARE REQUESTED TO AVOID FLIGHT BELOW 1200' MSL IN THIS AREA</p> </div> <p style="text-align: center;">Not shown on WAC</p> |
| <p>HIGH ENERGY RADIATION AREAS</p> <p><i>Appropriate notes as required may be shown.</i></p> |  <div style="border: 1px solid blue; padding: 5px; margin-top: 10px;"> <p>HAZARDOUS LASER TRANSMISSIONS SFC to infinity See Airport Facility/Directory</p> </div>  <p style="text-align: right;">WAC</p> |
| <p>TERMINAL RADAR SERVICE AREA (TRSA)</p> <p><i>Appropriate notes as required may be shown.</i></p> | <p style="text-align: center;">PALM SPRINGS TRSA</p>  <p>80 - Ceiling of TRSA in hundreds of feet MSL 40 - Floor of TRSA in hundreds of feet MSL</p> <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: fit-content;"> <p>SEE TWR FREQ TAB</p> </div> <p style="text-align: center;">Not shown on WAC</p> |

| AIRSPACE INFORMATION | |
|---|--|
| <p>IFR ROUTES</p> <p><i>Appropriate notes as required may be shown.</i></p> <p>Arrival</p> <p>Departure</p> <p>TAC only</p> | |
| <p>TRANSITION ROUTES</p> <p><i>Appropriate notes as required may be shown.</i></p> <p>Uni-directional</p> <p>Bi-directional</p> <p>TAC only</p> | <div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>VFR TRANSITION ROUTE ATC CLEARANCE REQUIRED SEE SHOWBOAT GRAPHIC ON SIDE PANEL</p> </div> |
| NAVIGATIONAL AND PROCEDURAL INFORMATION | |
| <p>ISOGONIC LINE & VALUE</p> <p><i>Isogonic lines and values shall be based on the five year epoch magnetic variation model.</i></p> | <p>WAC</p> |
| <p>LOCAL MAGNETIC NOTES</p> <p>Unreliability Notes</p> | <div style="border: 1px solid black; padding: 5px;"> <p>Magnetic disturbance of as much as 78° exists at ground level and 10° or more at 3000 feet above ground level in this vicinity.</p> </div> |
| <p>COMPASS ROSETTE</p> <p><i>Shown only in areas void of VOR roses.</i></p> <p><i>Compass rosette will be based on the five year epoch magnetic variation model.</i></p> | |

| NAVIGATIONAL AND PROCEDURAL INFORMATION | |
|---|--|
| <p>INTERSECTIONS</p> <p><i>Named intersections used as reporting points. Arrows are directed toward facilities which establish intersection.</i></p> | <p>Not shown on WAC</p> |
| <p>AERONAUTICAL LIGHTS</p> | <p>Rotating or Oscillating Located at Aerodrome</p> <p>WAC</p> |
| <p>AERONAUTICAL LIGHTS</p> | <p>Rotating Light with Flashing Code Identification Light</p> <p>Rotating Light with Course Lights and Site Number</p> <p>Flashing Light</p> <p>WAC</p> |

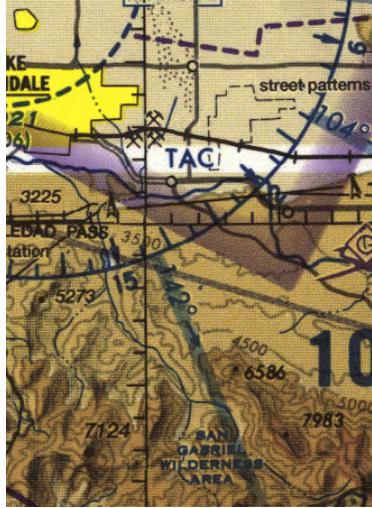
| NAVIGATIONAL AND PROCEDURAL INFORMATION | |
|--|---|
| <p>MARINE LIGHTS With Characteristics of Light</p> | <p>Land Light Land Light</p> <p style="text-align: center;">WAC</p> <p>R Red *W White G Green B Blue SEC Sector F Fixed Oc Single Occulting Oc (2) Group Occulting Oc (2+1) Composite Group Occulting Iso Isophase FI Flashing FI (2) Group Flashing FI (2+1) Composite Group Flashing Q Quick IQ Interrupted Quick Mo (A) Morse Code FFI Fixed and Flashing AI Alternating Gp Group LFI Long Flash Q (3) Group Quick Flashing IQ Interrupted Quick Flashing VQ Very Quick Flashing VQ (3) Group Very Quick Flashing IVQ Interrupted Very Quick Flashing UQ Ultra Quick Flashing IUQ Interrupted Ultra Quick Flashing</p> <p>*Marine Lights are white unless otherwise noted. Alternating lights are red and white unless otherwise noted.</p> |
| <p>VISUAL GROUND SIGNS</p> <p><i>Shore and Landmarkers</i></p> | <p>Arrow points to location of marker</p> <p>Actual location of ground sign</p> |
| <p>VFR CHECK POINTS</p> | <p>STATE CAPITOL</p> <p>SIGNAL HILL</p> <p>Not shown on WAC</p> |
| <p>VFR WAYPOINTS</p> <p>Stand-Alone</p> <p>Collocated with VFR Checkpoint</p> | <p>VPXYZ</p> <p>NAME (VPXYZ)</p> <p>Not shown on WAC</p> |

| NAVIGATIONAL AND PROCEDURAL INFORMATION | |
|--|---|
| <p>OBSTRUCTION</p> | <p>1473 (394) bldg Less than 1000' (AGL)</p> <p>628 UC Under Construction or reported and position / elevation unverified</p> <p>3368 (1529) 1000' & higher (AGL)</p> <p>1158 (253) stack 507 UC WAC</p> |
| <p>GROUP OBSTRUCTION</p> | <p>1062 (227) Less than 1000' (AGL)</p> <p>4977 (1432) 1000' and higher (AGL)</p> <p>2889 (1217) At least two in group over 1000' (AGL)</p> <p>524 (367) 3483 (1634) 4892 (1573) WAC</p> |
| <p>HIGH INTENSITY OBSTRUCTION LIGHTS</p> <p><i>High intensity lights may operate part-time.</i></p> | <p>Less than 1000' (AGL)</p> <p>1000' and higher (AGL)</p> <p>Group Obstruction</p> <p>WAC</p> |
| <p>MAXIMUM ELEVATION FIGURE (MEF)</p> | <p>135</p> |
| <p>WARNING, CAUTION NOTES</p> <p><i>Used when specific area is not demarcated.</i></p> | <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p style="text-align: center;">WARNING</p> <p>Extensive fleet and air operations being conducted in offshore areas to approximately 100 miles seaward.</p> </div> <div style="border: 1px solid black; padding: 5px;"> <p>CAUTION: Be prepared for loss of horizontal reference at low altitude over lake during hazy conditions and at night.</p> </div> |

CHART LIMITS

CHART LIMITS

OUTLINE ON SECTIONAL OF TERMINAL AREA CHART



LOS ANGELES TERMINAL AREA
 Pilots are encouraged to use the Los Angeles VFR Terminal Area Chart for flights at or below 10,000'

Not shown on WAC

OUTLINE ON SECTIONAL OF THE INSET CHART



If inset chart is on a different chart:

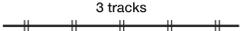
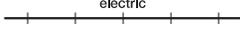
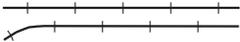
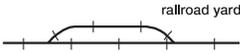
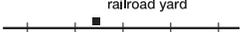
INDIANAPOLIS INSET
 See inset chart on the St. Louis Sectional for additional information

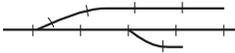
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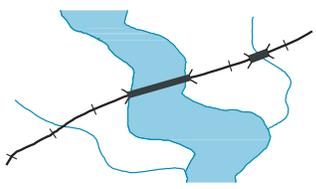
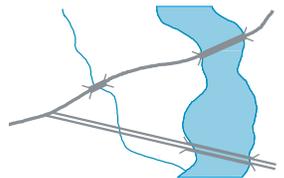
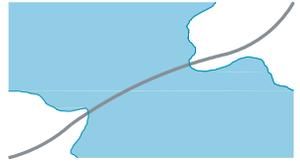
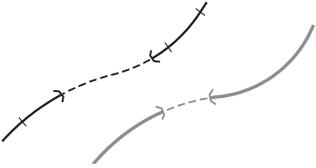
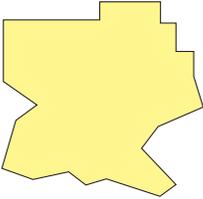
INDIANAPOLIS INSET
 See inset chart for additional detail

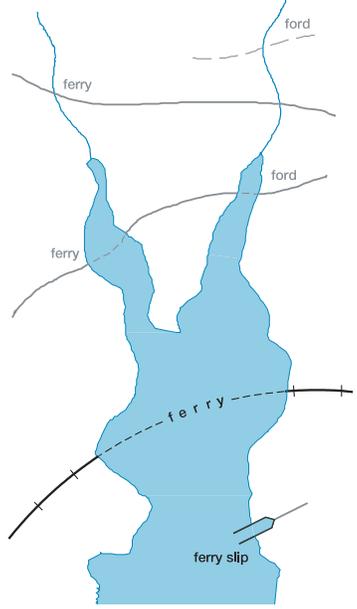
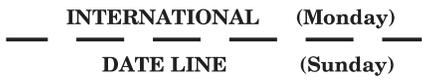
Not shown on WAC

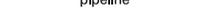
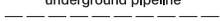
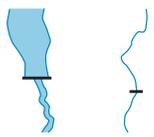
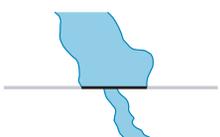
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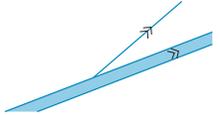
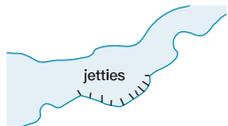
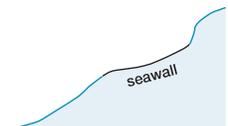
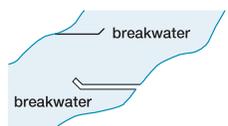
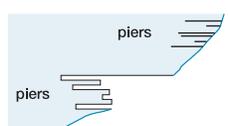
| CULTURE | |
|--|--|
| RAILROADS <i>All gauges</i> Single Track |   |
| Double Track |   |
| More Than Two Tracks |  |
| Electric |  |
| RAILROADS IN JUXTAPOSITION |  |
| RAILROAD-NONOPERATING, ABANDONED, DESTROYED, OR UNDER CONSTRUCTION |  |
| RAILROAD YARDS |  |
| Location Only |  |
| RAILROAD STATIONS |  |

| CULTURE | |
|---|---|
| RAILROAD SIDINGS AND SHORT SPURS |  |
| ROADS | |
| Dual Lane Category 1 |  |
| Primary Category 2 |  |
| Secondary Category 2 |  |
| TRAILS Category 3 |  |
| <i>Provides symbolization for dismantled railroad when combined with label "dismantled railroad."</i> | |
| ROAD MARKERS | |
| Interstate Route No. |  |
| U.S. Route No. |  |
| Air Marked Identification Label |  |
| ROAD NAMES |  |
| ROADS UNDER CONSTRUCTION |  |

| CULTURE | |
|-----------------------------------|---|
| BRIDGES AND VIADUCTS | Railroad  |
| | Road  |
| OVERPASSES AND UNDERPASSES |  |
| CAUSEWAYS |  |
| TUNNELS-ROAD AND RAILROAD |  |
| POPULATED PLACES OUTLINED | |
| Large Cities Category 1 |  |
| Cities and Large Towns Category 2 |  |
| POPULATED PLACES | |
| Towns and Villages Category 3 |  |

| CULTURE | |
|--------------------------------|---|
| FERRIES, FERRY SLIPS AND FORDS |  |
| PROMINENT FENCES |  |
| BOUNDARIES | |
| International |  |
| State and Provincial |  |
| Convention or Mandate Line |  |
| Date Line |  |

| CULTURE | |
|---|--|
| TIME ZONES | <p>PST (+7DT) = UTC MST (+6DT) = UTC Not shown on WAC</p> |
| MINES AND QUARRIES <i>Shaft Mines and Quarries</i> |  |
| POWER TRANSMISSION & TELECOMMUNICATION LINES |   WAC |
| PIPELINES | <p>pipeline</p>  |
| Underground | <p>underground pipeline</p>  |
| DAMS |  |
| DAM CARRYING ROAD |  |
| PASSABLE LOCKS | <p>locks</p>  |

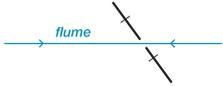
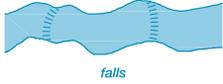
| CULTURE | |
|---------------------------------|--|
| SMALL LOCKS |  |
| WEIRS AND JETTIES | <p>jetties</p>  |
| SEAWALLS | <p>seawall</p>  |
| BREAKWATERS | <p>breakwater</p>  |
| PIERS, WHARFS, QUAYS, ETC. | <p>piers</p>  |
| MISCELLANEOUS CULTURAL FEATURES | <ul style="list-style-type: none"> ■ stadium ■ fort ■ cemetery |
| OUTDOOR THEATER |  |
| WELLS | <p>Other Than Water</p> <p>oil</p>  |

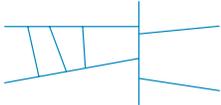
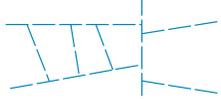
| CULTURE | |
|-----------------------------------|---|
| RACE TRACKS | |
| LOOKOUT TOWERS | <p>Air marked identification</p> <p> P-17 (Site number) 618 (Elevation base of tower)</p> |
| LANDMARK AREAS | |
| TANKS | <ul style="list-style-type: none"> • water • gas |
| COAST GUARD STATION | |
| AERIAL CABLEWAYS, CONVEYORS, ETC. | <p>aerial cableway aerial cableway</p> <p>■-----■ ■-----■</p> <p>WAC</p> |
| HYDROGRAPHY | |
| OPEN WATER | |
| INLAND WATER | |

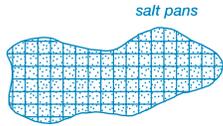
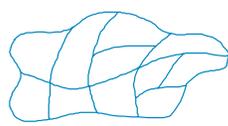
| HYDROGRAPHY | |
|-------------|--|
| SHORELINES | <p>Definite</p> |
| | <p>Fluctuating</p> |
| | <p>Unsurveyed <i>Indefinite</i></p> |
| | <p>Man-made</p> |
| LAKES | <p><i>Label as required</i></p> <p>Perennial</p> <p><i>When too numerous to show individual lakes, show representative pattern and descriptive note.</i></p> |
| | <p>Non-Perennial</p> <p><i>(dry, intermittent, etc.)</i> <i>Illustration includes small perennial lake</i></p> |
| | RESERVOIRS |
| RESERVOIRS | <p>Man-made Shorelines</p> <p><i>Label when necessary for clarity</i></p> |
| | <p><i>Too small to show to scale</i></p> |
| | <p>Under Construction</p> |

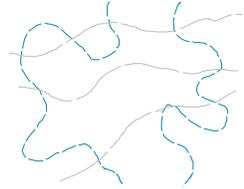
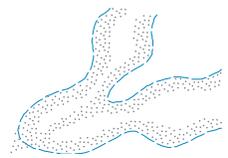
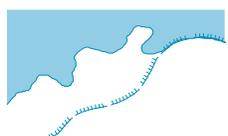
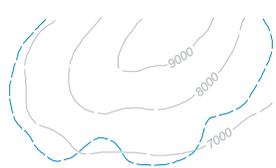
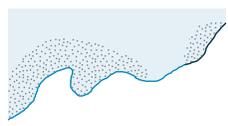
| HYDROGRAPHY | |
|---|--|
| STREAMS | |
| Perennial | |
| Non-Perennial | |
| Fanned Out <i>Alluvial fan</i> | |
| Braided | |
| Disappearing | |
| Seasonally Fluctuating <i>with undefined limits</i> | |
| <i>with maximum bank limits, prominent and constant</i> | |
| Sand Deposits In and Along Riverbeds | |

| HYDROGRAPHY | |
|---|--|
| WET SAND AREAS <i>Within and adjacent to desert areas</i> | |
| AQUEDUCTS | |
| | |
| Abandoned or Under Construction | |
| Underground | |
| Suspended or Elevated | |
| Tunnels | |
| Kanats <i>Underground aqueduct with air vents</i> | |

| HYDROGRAPHY | |
|--|---|
| FLUMES, PENSTOCKS AND SIMILAR FEATURES |  |
| Elevated |  |
| Underground |  |
| FALLS | |
| Double-Line |  |
| Single-Line |  |
| RAPIDS | |
| Double-Line |  |
| Single-Line |  |
| CANALS |  |

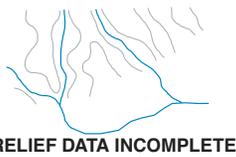
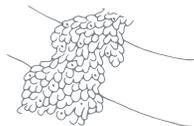
| HYDROGRAPHY | |
|--|---|
| To Scale |  |
| Abandoned or Under Construction |  |
| To Scale |  |
| SMALL CANALS AND DRAINAGE / IRRIGATION DITCHES | |
| Perennial |  |
| Non-Perennial |  |
| Abandoned or Ancient |  |
| Numerous <i>Representative pattern and/or descriptive note.</i> |  |
| Numerous |  |

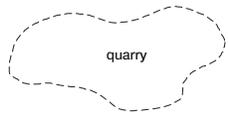
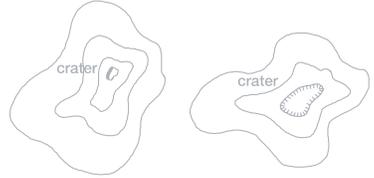
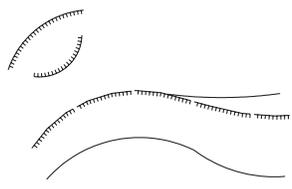
| HYDROGRAPHY | |
|--|--|
| SALT EVAPORATORS AND SALT PANS MAN EXPLOITED |  salt pans |
| SWAMPS, MARSHES AND BOGS |  |
| HUMMOCKS AND RIDGES |  |
| MANGROVE AND NIPA |  mangrove |
| PEAT BOGS |  peat bog |
| TUNDRA | tundra |
| CRANBERRY BOGS |  cranberry bog |
| RICE PADDIES |  <i>Extensive areas indicated by label only.</i> |

| HYDROGRAPHY | |
|-------------------------------------|--|
| LAND SUBJECT TO INUNDATION |  |
| SPRINGS, WELLS AND WATERHOLES |  |
| GLACIERS |  |
| Glacial Moraines |  |
| ICE CLIFFS |  |
| SNOWFIELDS, ICE FIELDS AND ICE CAPS |  |
| ICE PEAKS |  |
| FORESHORE FLATS |  <i>Tidal flats exposed at low tide.</i> |

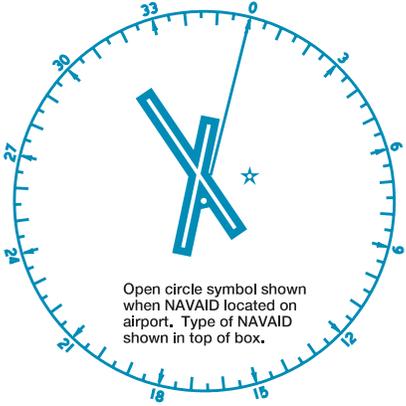
| HYDROGRAPHY | |
|--|---|
| ROCKS-ISOLATED Bare or Awash | * |
| WRECKS Exposed | |
| REEFS-ROCKY OR CORAL | |
| MISCELLANEOUS UNDERWATER FEATURES NOT OTHERWISE SYMBOLIZED | |
| FISH PONDS AND HATCHERIES | |
| ICE | |

| RELIEF | |
|--------------|--|
| CONTOURS | |
| Basic | |
| Approximate | |
| Intermediate | |
| Auxiliary | |
| Depression | |
| Values | |

| RELIEF | |
|---|---|
| SPOT ELEVATIONS | Position Accurate  |
| | Position Accurate, Elevation Approximate  |
| Approximate location |  |
| | Critical  |
| | Highest on Chart  |
| MOUNTAIN PASS |  |
| HACHURING |  |
| UNSURVEYED AREAS <i>Label appropriately as required</i> |  |
| UNCONTOURED AREAS <i>Label appropriately as required</i> |  |
| DISTORTED SURFACE AREAS |  |
| LAVA FLOWS |  |

| RELIEF | |
|---|---|
| SAND OR GRAVEL AREAS |  |
| SAND RIDGES To Scale |  |
| SAND DUNES To Scale |  |
| SHADED RELIEF |  |
| ROCK STRATA OUTCROP |  |
| QUARRIES TO SCALE |  |
| STRIPMINES, MINE DUMPS AND TAILINGS To Scale |  |
| CRATERS |  |
| ESCARPMENTS, BLUFFS, CLIFFS, DEPRESSIONS, ETC. |  |
| LEVEES AND ESKERS |  |

| AIRPORTS | |
|---|--|
| <p>LANDPLANE</p> <p><i>All recognizable runways, including some which may be closed, are shown for visual identification.</i></p>  <p>Public </p> <p>Private </p> | |
| <p>HELIPORT</p> <p>Heliports public and private </p> <p>Hospital Helipads </p> <p>Trauma Center </p> <p>Helipads located at major airports </p> | |
| <p>SEAPLANE</p>  | |
| <p>ULTRALIGHT FLIGHT PARK</p>  | |
| <p>AIRPORT DATA GROUPING</p> <p><i>Boxed airport name indicates airport for which a Special Traffic Rule has been established.</i></p>  <p>Rotating Beacon in operation Sunset to Sunrise</p> <p>FSS NO SVFR NAME (NAM) CT -119.1 * (119.8 HELI) ATIS 115.4 ASOS/ AWOS 135.42 03 L 122.95  Airport of Entry</p> | |
| <p>FSS - Flight Service Station on field</p> <p>NO SVFR - Airspace where fixed wing special visual flight rules operations are prohibited (shown above airport name) F.A.R. 91.</p> <p> - Indicates F.A.R. 93 Special Air Traffic Rules and Airport Traffic</p> <p>(NAM) - Location Identifier</p> <p>CT - 119.1 - Control Tower (CT) - primary frequency</p> <p>* - Star indicates operation part-time. See tower frequencies tabulation for hours of operation.</p> <p>ATIS 115.4 - Automatic Terminal Information Service</p> <p>ASOS / AWOS 135.42 - Automated Surface Weather Observing Systems (Shown when full-time ATIS is not available.) NDBs broadcasting ASOS / AWOS data may not be located at the airport.</p> <p>03 - Elevation in feet</p> <p>L - Lighting in operation Sunset to Sunrise</p> <p>*L - Lighting limitations exist, refer to Airport/Facility Directory.</p> <p>122.95 - UNICOM - Aeronautical advisory station</p> <p> - Indicates Common Traffic Advisory Frequencies (CTAF)</p> <p>(Unverified) - Unverified Heliport</p> <p>When lighting is not available, the respective character is replaced by a dash. All lighting codes refer to runway lights. Lighted runway may not be the longest or lighted full length. Dashes are not shown on heliports or helipads unless additional information follows the elevation (e.g. UNICOM, CTAF).</p> | |

| RADIO AIDS TO NAVIGATION | | | | | | | |
|--|---------------|---|-----------|---------------------|---------|---|--|
| <p>VHF OMNI-DIRECTIONAL RADIO (VOR) RANGE</p>   <p>Open circle symbol shown when NAVAID located on airport. Type of NAVAID shown in top of box.</p> <p>Compass Rose oriented to slave variation.</p> <p>Operates less than continuous or on-request Transcribed Weather Broadcast (TWEB)</p> <p>VOR</p>  <p>Underline indicates no voice on this frequency.</p> <p>VORTAC</p> <table border="1"> <thead> <tr> <th>Low Frequency</th> <th>Name</th> <th>ASOS/AWOS</th> </tr> </thead> <tbody> <tr> <td>379 111.0 Ch 47 PTK</td> <td>PONTIAC</td> <td></td> </tr> </tbody> </table> <p>Freq and Channel Identification</p> <p>VOR-DME</p>  <p>Hazardous Inflight Weather Advisory Service (HIWAS)</p> | Low Frequency | Name | ASOS/AWOS | 379 111.0 Ch 47 PTK | PONTIAC |  | |
| Low Frequency | Name | ASOS/AWOS | | | | | |
| 379 111.0 Ch 47 PTK | PONTIAC |  | | | | | |
| <p>NON-DIRECTIONAL RADIOBEACON (NDB)</p>  <p>Underline indicates no voice on this frequency.</p> <p>NDB-DME</p>  | | | | | | | |

| RADIO AIDS TO NAVIGATION | |
|--|---|
| <p>NAVAIDS USED TO DEFINE CLASS B AIRSPACE</p> | <p>ILS - DME</p> <p>SALT LAKE CITY DME ANT (I-BNT) Ch 52 (111.5)</p> |
| <p>BROADCAST STATIONS (BS)</p> | <p>BS KFTM 1400</p> |
| <p>FLIGHT SERVICE STATION (FSS)</p> | <p>Heavy line box indicates Flight Service Station (FSS) Frequencies 121.5, 122.2, 243.0, and 255.4 (Canada - 121.5, 126.7, and 243.0) are normally available at all FSS's and are not shown above boxes. All other frequencies are shown. Frequencies transmit and receive except those followed by R. R - receive only</p> <p>DENVER DEN</p> <p>No NAVAID of the same name as FSS</p> <p>OR</p> <p>122.1R NORTHWAY 123.6 116.3 Ch 110 ORT</p> <p>FSS oper 0600-2200 Rancho Murieta FSS other times.</p> <p>NAVAID same name as FSS but not an RCO</p> <p>Frequencies above thin line box are remote to NAVAID site. Other frequencies at FSS providing voice communication may be available determined by altitude and terrain. Consult Airport/Facility Directory for complete information.</p> <p>Thin line box without frequencies and controlling FSS name indicates no FSS frequencies available.</p> <p>123.6 OLYMPIA RCO McCHORD</p> |
| <p>REMOTE COMMUNICATIONS OUTLET (RCO)</p> | <p>122.35 ST PAUL 108.6 STP MINNEAPOLIS</p> <p>122.35 GAMBELL 369 GAM MILES CITY</p> <p>FSS providing voice communication</p> |

| AIRSPACE INFORMATION | |
|---|---|
| <p>CLASS B AIRSPACE</p> <p>Appropriate notes as required may be shown. (Mode C see FAR 91.215/AIM)</p> <p>All mileages are nautical (NM)</p> <p>All radials are magnetic.</p> | <p>LAS VEGAS CLASS B</p> <p>NAVAID identifier and distance from facility. LAS 20 NM LAS 031°</p> <p>NAVAID identifier and radial from facility.</p> <p>CLASS B SURFACE AREA</p> <p>70 SFC</p> <ul style="list-style-type: none"> - Ceiling of Class B in hundreds of feet MSL - Floor of Class B in hundreds of feet MSL <p>CTC LAS VEGAS APP ON 121.1 OR 257.8</p> |
| <p>CLASS C AIRSPACE</p> <p>Appropriate notes as required may be shown. (Mode C see FAR 91.215/AIM)</p> | <p>BURBANK CLASS C</p> <p>See NOTAMs/Directory for Class C eff hrs</p> <p>CLASS C SURFACE AREA</p> <p>See NOTAMs/Directory for Class C eff hrs</p> <p>70/30</p> <ul style="list-style-type: none"> - Ceiling of Class C in hundreds of feet MSL - Floor of Class C in hundreds of feet MSL <p>CTC BURBANK APP WITHIN 20 NM ON 124.6 395.9</p> |
| <p>CLASS D AIRSPACE</p> | <p>See NOTAMs/Directory for Class D eff hrs</p> <p>31</p> <p>See NOTAMs/Directory for Class D/E (sfc) eff hrs</p> <p>20</p> <p>(A minus in front of the figure is used to indicate "from surface to but not including...")</p> <p>ALTITUDES IN HUNDREDS OF FEET MSL</p> |

AIRSPACE INFORMATION

CLASS E (SFC) AIRSPACE

See NOTAMs/Directory for Class E (sfc) eff hrs

SPECIAL AIRSPACE AREAS

SPECIAL FEDERAL AVIATION REGULATIONS (SFAR) AREAS RELATING TO NATIONAL SECURITY

Example: Washington DC

Appropriate notes as required may be shown.

WASHINGTON DC METROPOLITAN SPECIAL FLIGHT RULES AREA IN EFFECT (See SFAR 94 description in chart border). Special regulations apply to all aircraft operations below Flight Level 180 in the Washington, DC Metropolitan Area. Pilots should contact a local AFSS for NOTAM information prior to flight in the Washington DC Metropolitan Area.

AIRSPACE INFORMATION

CANADIAN AIRSPACE

Appropriate notes as required may be shown.

TCA Class C/D

80 - Ceiling of TCA Class C/D In hundreds of feet MSL

40 - Floor of TCA Class C/D in hundreds of feet MSL

Class C or D Control Zone

ALTIMUDE IN HUNDREDS OF FEET MSL

Class E Control Zone

AIRSPACE CLASSIFICATION (SEE CANADA FLIGHT SUPPLEMENT) AND OPERATIONAL REQUIREMENTS (SEE DOD AREA PLANNING AP/1) MAY DIFFER BETWEEN CANADA AND UNITED STATES

NOTE: REFER TO CURRENT CANADIAN CHARTS AND FLIGHT INFORMATION PUBLICATIONS FOR INFORMATION WITHIN CANADIAN AIRSPACE

HELICOPTER ROUTES

| Route Name | Tower Frequency | One-way Route | Altitude Changeover Point |
|------------|-----------------|---------------|---------------------------|
| MARRIOT | 118.3 | → | |

Reporting or Holding Points **BAHAI** Name

Non-Compulsory Compulsory

Secondary Route

Transition Route

Police Zone

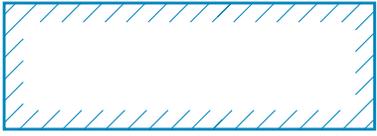
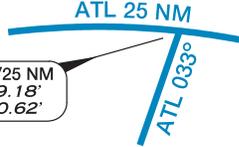
ZONE 8
1000

Recommended Route Altitude

500 Maximum

500 Minimum

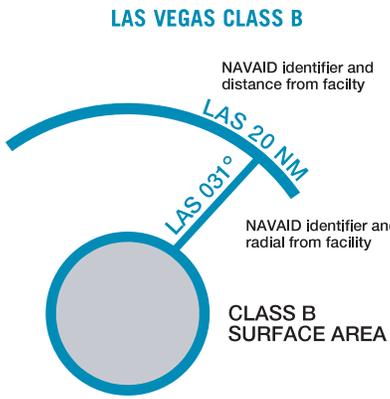
500 Recommended

| AIRSPACE INFORMATION | | NAVIGATIONAL AND PROCEDURAL INFORMATION | |
|---|--|--|--|
| <p>SPECIAL USE AIRSPACE</p> <p><i>Only the airspace effective below 18,000 feet MSL is shown.</i></p> <p><i>The type of area shall be spelled out in large areas if space permits.</i></p> |  <p>PROHIBITED, RESTRICTED, WARNING OR ALERT AREA</p>  <p>MILITARY OPERATIONS AREA (MOA)</p> | <p>VFR CHECKPOINTS</p>  <p>STATE CAPITOL</p>  <p>STACKS</p> | |
| <p>MILITARY TRAINING ROUTES (MTR)</p> |  | <p>VFR WAYPOINTS</p> <p>Stand-Alone</p>  <p>VPXYZ</p> <p>Collocated with VFR Checkpoint</p>  <p>NAME (VPXYZ)</p> | |
| <p>SPECIAL AIR TRAFFIC RULES / AIRPORT TRAFFIC AREAS (FAR PART 93)</p> <p><i>Appropriate boxed notes as required shown adjacent to area.</i></p> |  <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> <p>SPECIAL NOTICE Pilots are required to obtain an ATC clearance prior to entering this area.</p> </div> | <p>OBSTRUCTIONS</p>  <p>bldg</p>  <p>1000' and higher AGL</p>  <p>300' and higher AGL</p> <p>or</p>  <p>Group Obstruction</p> <p>or</p>  <p>or</p>  <p>Obstruction with hi-intensity lights.</p>  <p>2049 (1149) UC</p> <p>Elevation of the top above mean sea level</p> <p>Height above ground Under Construction or reported and position / elevation unverfied</p> | |
| <p>MODE C (FAR 91.215)</p> <p><i>Appropriate notes as required may be shown.</i></p> | <p>MODE C</p>  | <p>MAXIMUM ELEVATION FIGURE (MEF)</p> <p style="font-size: 2em; font-weight: bold;">124</p> | |
| <p>MISCELLANEOUS AIRSPACE AREAS</p> <p>Parachute Jumping Area with Frequency</p> <p>Glider Operating Area</p> <p>Ultralight Activity</p> <p>Hang Glider Activity</p> |  <p>122.9</p>    | <p>NAVIGATION DATA</p>  <p>N38°56.32' W76°36.91'</p>  <p>POWER PLANT N32°27.12' W70°15.73'</p>  <p>ATL 25 NM</p> <p>ATL 033/25 NM N33°59.18' W84°10.62'</p> <p>ATL 033°</p> | |
| <p>SPECIAL CONSERVATION AREAS</p> <p>National Park, Wildlife Refuge, Primitive and Wilderness Areas, etc.</p> |  <p>HAVASU LAKE NATIONAL WILDLIFE REFUGE</p> | <p>WARNING, CAUTION NOTES</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>WARNING Extensive fleet and air operations being conducted in offshore areas to approximately 100 miles seaward.</p> </div> <div style="border: 1px solid black; padding: 5px;"> <p>CAUTION: Be prepared for loss of horizontal reference at low altitude over lake during hazy conditions and at night.</p> </div> | |
| <p>TERMINAL RADAR SERVICE AREA (TRSA)</p> <p><i>Appropriate notes as required may be shown.</i></p> | <p>PALM SPRINGS TRSA</p>  <div style="border: 1px solid black; padding: 2px; display: inline-block;"> <p>SEE TWR FREQ TAB</p> </div> <p>80 - Ceiling of TRSA in hundreds of feet MSL</p> <p>40 - Floor of TRSA in hundreds of feet MSL</p> | | |

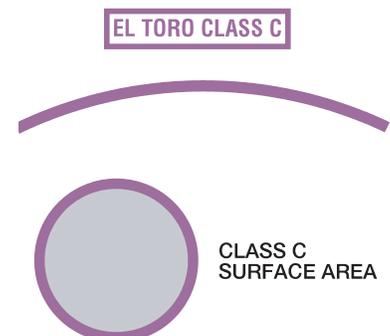
| CULTURE | |
|--------------------------|---|
| RAILROADS | |
| Single Track | |
| Double Track | |
| ROADS | |
| Dual Lane | |
| Primary | |
| BRIDGES | |
| | |
| POPULATED PLACES | |
| Built-up Areas | |
| BOUNDARIES | |
| International | |
| State and Provincial | |
| POWER TRANSMISSION LINES | |
| | |
| PROMINENT PICTORIALS | |
| | |
| LANDMARKS | |
| | <ul style="list-style-type: none"> Landmark Feature-stadium, factory, school, etc. Mines and Quarries Race Track Outdoor Theater Tank-water, oil or gas |

| HYDROGRAPHY | |
|------------------------|--|
| SHORELINES | |
| MAJOR LAKES AND RIVERS | |
| RESERVOIRS | |
| RELIEF | |
| SPOT ELEVATIONS | |
| Position Accurate | |

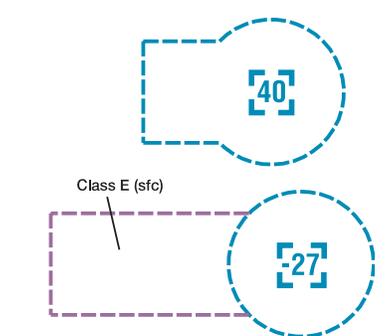
| AIRPORTS | |
|---|--|
| <p>LANDPLANE</p> <p><i>No distinction is made between airports with services and those without services. Runways may be exaggerated to clearly portray the pattern. Hard-surfaced runways which are closed but still exist are included in the charted pattern.</i></p> <p><i>FAR 91 - Fixed wing special VFR operations prohibited.</i></p> | <p>Rotating Beacon in operation Sunset to Sunrise</p>  <p>NO SVFR RIVERSIDE (RAL)</p> <p>Paved Runways</p>  <p>AGUA DOLCE (L70)</p> <p>Unpaved Runways</p>  <p>(Pvt) COMPTON</p> |

| AIRSPACE INFORMATION | |
|---|---|
| <p>CLASS B AIRSPACE</p> <p><i>Appropriate notes as required may be shown.</i></p> <p><i>(Mode C see FAR 91.215 /AIM)</i></p> <p><i>All mileages are nautical (NM).</i></p> <p><i>All radials are magnetic.</i></p> | <p>LAS VEGAS CLASS B</p>  <p>80 - Ceiling of Class B in hundreds of feet MSL</p> <p>40 - Floor of Class B in hundreds of feet MSL</p> |

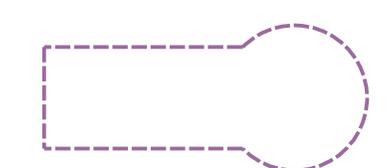
| RADIO AIDS TO NAVIGATION | |
|---|--|
| <p>VHF OMNI-DIRECTIONAL RADIO RANGE (VOR)</p> <p>VOR</p> |  <p>Identification Frequency</p> <p>MAL 109.6</p> |
| <p>VORTAC</p> |  <p>GCY 113.4</p> |
| <p>VOR-DME</p> |  <p>FHM <u>114.2</u></p> <p>Underline indicates no voice on this frequency</p> |

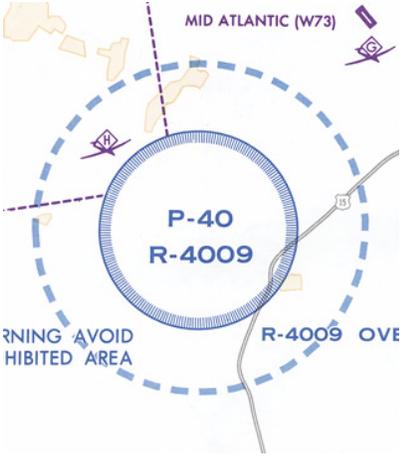
| | |
|---|--|
| <p>CLASS C AIRSPACE</p> <p><i>Appropriate notes as required may be shown.</i></p> <p><i>(Mode C see FAR 91.215 /AIM)</i></p> | <p>EL TORO CLASS C</p>  <p>48 - Ceiling of Class C in hundreds of feet MSL</p> <p>30 - Floor of Class C in hundreds of feet MSL</p> |
|---|--|

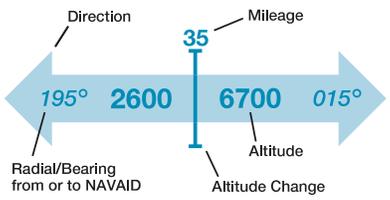
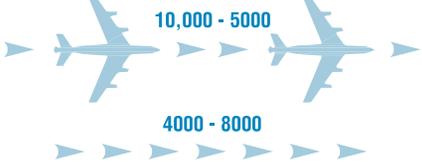
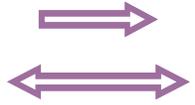
| | |
|---|--|
| <p>NON-DIRECTIONAL RADIOBEACON (NDB)</p> |  <p>WDP <u>396</u></p> <p>Underline indicates no voice on this frequency</p> |
| <p>NDB-DME</p> |  <p>LSJ 206</p> |

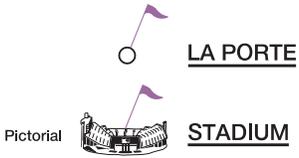
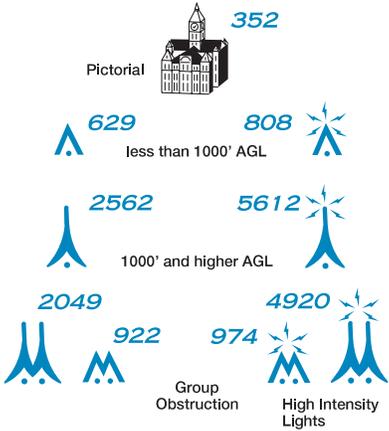
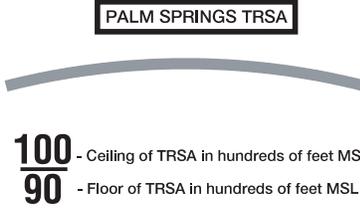
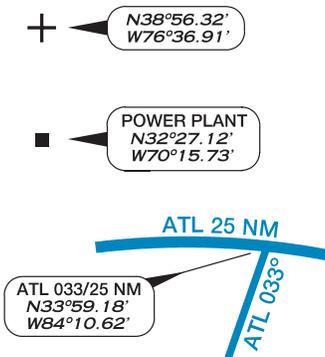
| | |
|--------------------------------|--|
| <p>CLASS D AIRSPACE</p> |  <p>(A minus in front of the figure is used to indicate *from surface to but not including...*)</p> <p>ALTITUDE IN HUNDREDS OF FEET MSL</p> |
|--------------------------------|--|

| | |
|---|--|
| <p>NAVAIDS USED TO DEFINE CLASS B AIRSPACE</p> |  <p>SALT LAKE CITY DME ANTENNA (I-BNT) Ch 52 (111.5)</p> |
|---|--|

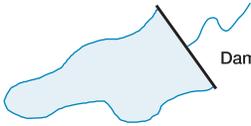
| | |
|--------------------------------------|---|
| <p>CLASS E (SFC) AIRSPACE</p> |  |
|--------------------------------------|---|

| AIRSPACE INFORMATION | |
|---|--|
| <p>SPECIAL AIRSPACE AREAS</p> |  |
| <p>SPECIAL FEDERAL AVIATION REGULATIONS (SFAR) AREAS RELATING TO NATIONAL SECURITY</p> <p>Example: Washington DC</p> <p><i>Appropriate notes as required may be shown.</i></p> |  <div style="border: 1px solid blue; padding: 5px; margin-top: 10px;"> <p>WASHINGTON DC METROPOLITAN AREA SPECIAL FLIGHT RULES AREA IN EFFECT (See SFAR 94 description in chart border). Special regulations apply to all aircraft operations below Flight Level 180 in the Washington DC Metropolitan Area. Pilots should contact a local AFSS for NOTAM information prior to flight in the Washington, DC Area.</p> </div> |
| <p>TEMPORARY FLIGHT RESTRICTION (TFR) RELATING TO NATIONAL SECURITY</p> <p>Example: P-40/R-4009</p> <p><i>Appropriate notes as required may be shown.</i></p> |  <div style="border: 1px solid blue; padding: 5px; margin-top: 10px;"> <p>CAUTION P-40 AND R-4009 EXPANDED BY TEMPORARY FLIGHT RESTRICTION. CONTACT AFSS FOR LATEST STATUS AND NOTAMS.</p> </div> |

| AIRSPACE INFORMATION | |
|--|---|
| <p>VFR FLYWAYS</p> |  |
| <p>IFR ROUTES</p> <p><i>Appropriate notes as required may be shown.</i></p> <p>Arrival</p> <p>Departure</p> |  |
| <p>TRANSITION ROUTES</p> <p><i>Appropriate notes as required may be shown.</i></p> <p>Uni-directional</p> <p>Bi-directional</p> | <div style="border: 1px solid purple; padding: 5px; margin-bottom: 10px;"> <p>VFR TRANSITION ROUTE ATC CLEARANCE REQUIRED SEE SHOWBOAT GRAPHIC ON SIDE PANEL</p> </div>  |
| <p>SPECIAL USE AIRSPACE</p> <p><i>Only the airspace effective below 18,000 feet MSL is shown.</i></p> | <div style="border: 1px solid blue; padding: 5px; margin-bottom: 10px;"> <p>P-56 OR R-6401 W-518 OR A-631</p> </div> <p>PROHIBITED, RESTRICTED ALERT OR WARNING AREA</p> <div style="border: 1px solid purple; padding: 5px; margin-bottom: 10px;"> <p>FALCON 1 MOA</p> </div> <p>MILITARY OPERATIONS AREA (MOA)</p> |
| <p>MILITARY TRAINING ROUTES (MTR)</p> |  |

| AIRSPACE INFORMATION | | NAVIGATIONAL AND PROCEDURAL INFORMATION | |
|--|---|--|---|
| <p>SPECIAL AIR TRAFFIC RULES / AIRPORT TRAFFIC AREAS (FAR Part 93)</p> <p><i>Appropriate boxed note as required shown adjacent to area.</i></p> |  | <p>VFR CHECKPOINTS</p> |  |
| <p>MODE C (FAR 91.215)</p> <p><i>Appropriate notes as required may be shown.</i></p> |  | <p>VFR WAYPOINTS</p> <p>Stand-Alone</p> <p>Collocated with VFR Checkpoint</p> |  |
| <p>AIR DEFENSE IDENTIFICATION ZONE (ADIZ)</p> |  | <p>OBSTRUCTIONS</p> <p><i>Only those obstacles specified by the FAA shall be shown.</i></p> <p><i>Above Ground Level (AGL) heights are not shown.</i></p> |  |
| <p>TERMINAL RADAR SERVICE AREA (TRSA)</p> |  <p>100 - Ceiling of TRSA in hundreds of feet MSL 90 - Floor of TRSA in hundreds of feet MSL</p> | <p>NAVIGATIONAL DATA</p> |  |
| <p>MISCELLANEOUS AIRSPACE AREAS</p> <p>Parachute Jumping Area</p> <p>Glider Operating Area</p> <p>Ultralight Activity</p> <p>Hang Glider Activity</p> |  | | |

| CULTURE | |
|--|---|
| RAILROADS Single and Multiple Tracks |  |
| ROADS Dual Lane Primary |   |
| POPULATED PLACES Built-up Areas Towns |  BREMERTON  LAWRENCEVILLE |
| BOUNDARIES International |  |
| POWER TRANSMISSION LINES |  |
| PROMINENT PICTORIALS |  TEMPLE |
| LANDMARKS |  XEROX BUILDING |

| HYDROGRAPHY | |
|--|---|
| SHORELINES |  |
| MAJOR LAKES AND RIVERS |  Bridge |
| RESERVOIRS |  Dam |
| RELIEF | |
| Spot Elevations Position Accurate Mountain Peaks |  6504 |