

VFR AERONAUTICAL CHART SYMBOLS

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HELICOPTER ROUTE CHARTS














































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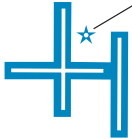

VFR FLYWAY PLANNING CHARTS

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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	
LANDPLANE: CIVIL <i>Airports having control towers (CT) are shown in blue, all others are shown in magenta.</i> <i>All recognizable runways, including some which may be closed, are shown for visual identification purposes.</i> <i>Refueling and repair facilities for normal traffic.</i> <i>Runway patterns will be depicted at airports with at least one hard surface runway 1500' or greater in length.</i>	        WAC
	        WAC
	    WAC
	        WAC
SEAPLANE: CIVIL	  WAC
LANDPLANE: CIVIL-MILITARY	        WAC
LANDPLANE: MILITARY <i>Refueling and repair facilities not indicated.</i>	       WAC

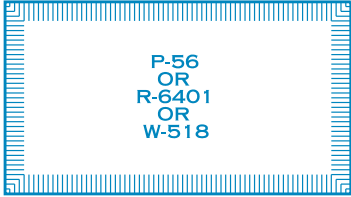

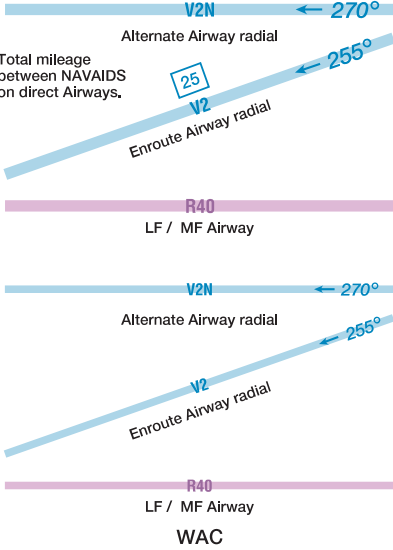

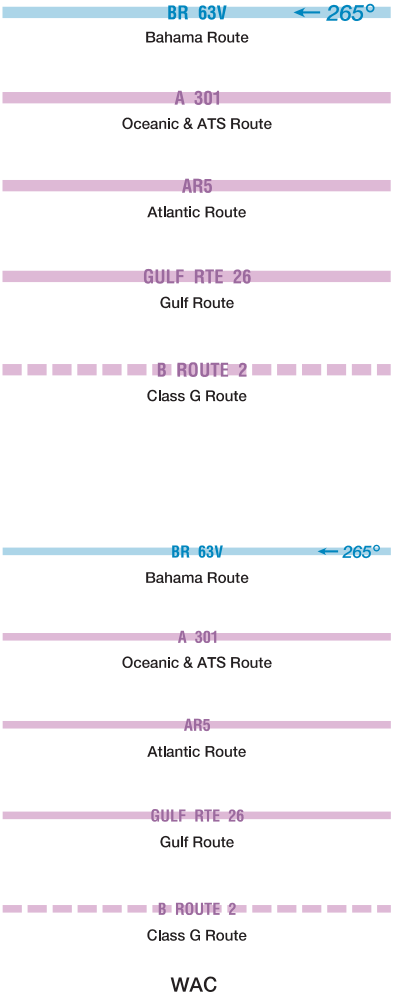


AIRPORTS	
LANDPLANE: EMERGENCY <i>No facilities</i> <i>or</i> <i>Complete information is not available.</i> <i>Add appropriate notes as required:</i> <i>"closed, approximate position, existence unconfirmed."</i>	 PUBLIC USE - Limited attendance or no service available   RESTRICTED OR PRIVATE - Use only in emergency, or by specific authorization   UNVERIFIED - A landing area available but warranting more than ordinary precaution due to: (1) lack of current information on field conditions, and / or (2) available information indicates peculiar operating limitations.   ABANDONED - Depicted for landmark value or to prevent confusion with an adjacent usable landing area. (Normally at least 3000' paved)  WAC
SEAPLANE: EMERGENCY <i>No facilities or complete information is not available</i>	  WAC
HELIPORT (Selected)	  WAC
ULTRALIGHT FLIGHT PARK (Selected)	 Not shown on WAC
AIRPORT DATA GROUPING	  Rotating Beacon in operation Sunset to Sunrise FSS NO SVFR (R) [NAME] (NAM) CT - 118.3 * (C) ASOS/ AWOS 135.42 897 L 110 122.95 UNICOM RP 23,34 VFR Advsy 125.0 FSS NO SVFR [NAME] (NAM) CT - 118.3 * ATIS 123.8 897 L 110 U Airport of Entry WAC
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 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. 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.	


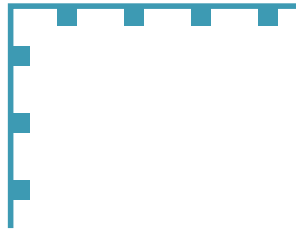


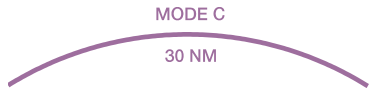
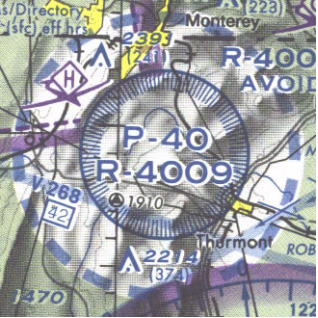


RADIO AIDS TO NAVIGATION	
VHF OMNI-DIRECTIONAL RADIO (VOR) RANGE	<p>Compass Rose oriented to slave variation.</p> <p>VOR SALEM 114.3 SVM</p> <p>Open circle symbol shown when NAVAID located on airport. Type of NAVAID shown in top of box.</p>
VOR	<p>Operates less than continuous or on-request Transcribed Weather Broadcast (TWEB)</p> <p>OAKDALE *116.8 OAK</p> <p>Underline indicates no voice on this frequency</p>
VORTAC	<p>Low Frequency Name ASOS/AWOS</p> <p>PONTIAC 379 110.0 Ch 47 PTK</p> <p>Frequency Channel Identifier Morse Code</p>
VOR-DME	<p>Hazardous Inflight Weather Advisory Service (HIWAS)</p> <p>SALEM *114.3 Ch 90 SVM</p>
NON-DIRECTIONAL RADIOBEACON (NDB)	<p>WAC</p> <p>HUMPHREY 275 HPY</p> <p>Underline indicates no voice on this frequency</p>
NDB-DME	<p>WAC</p> <p>GAMBELL 369 GAM DME Ch 92 (114.5)</p>


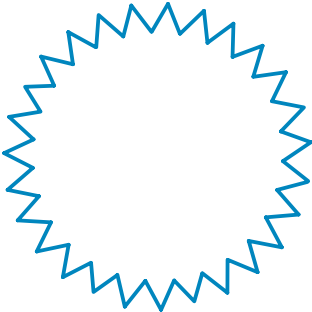
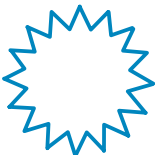

RADIO AIDS TO NAVIGATION	
ILS COMPONENTS	<p>Shown when component of airway system or used in the description of Class B airspace.</p> <p>Localizer</p> <p>LCZR or LOCALIZER 109.5 I-BED</p> <p>Locator Beacon</p> <p>LOM or LOM 388 DT</p> <p>ILS - DME</p> <p>SALT LAKE CITY DME ANT (I-BNT) Ch 52 (111.5)</p>
BROADCAST STATIONS (BS)	<p>On request by the proper authority or when a VFR Checkpoint.</p> <p>KFTM BS KFTM 1400</p>
FLIGHT SERVICE STATION (FSS)	<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. For Local Airport Advisory use FSS frequency 123.6. R - Receive only</p> <p>PONTIAC PTK</p> <p>No NAVAID of the same name as FSS</p> <p>or</p> <p>122.1R</p> <p>IDAHO FALLS 109.0 Ch 27 IDA</p> <p>FSS oper 0500-2300 Boise FSS other times.</p> <p>NAVAID same name as FSS but not an RCO</p> <p>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.</p> <p>Thin line box without frequencies and controlling FSS name indicates no FSS frequency available.</p> <p>123.6</p> <p>OLYMPIA RCO McCHORD</p> <p>122.35</p> <p>ST PAUL 108.6 STP MINNEAPOLIS</p> <p>122.35</p> <p>HUMPHREY 275 HPY MILES CITY</p> <p>FSS providing voice communication</p>
REMOTE COMMUNICATIONS OUTLET (RCO)	

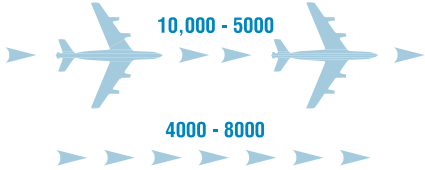

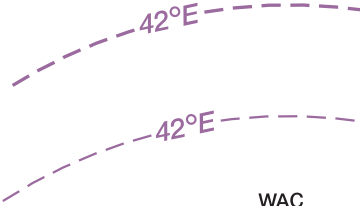
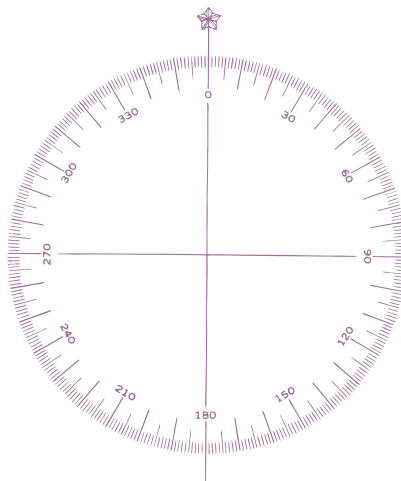
RADIO AIDS TO NAVIGATION		AIRSPACE INFORMATION	
AIR FORCE STATION (AFS)	<div>122.0 AFS 123.6 POINT BARROW</div> <div>122.4 AFS 123.6 CAPE LEWISTON 206 LWS</div> <div>AFS at airport with NDB</div>	CLASS C AIRSPACE	<div>BURBANK CLASS C</div> <div>See NOTAMs/Directory for Class C eff hrs</div> <div>Outer limit only, segments not shown</div> <div>BOISE CLASS C</div> <div>See NOTAMs/Directory for Class C eff hrs</div> <div>WAC</div> <div>FOR FLIGHTS AT OR BELOW 6600' MSL SEE PHOENIX VFR SECTIONAL CHART</div> <div>WAC only</div> <div>48 - Ceiling of Class C in hundreds of feet MSL 30 - Floor of Class C in hundreds of feet MSL</div> <div>CTC BURBANK APP WITHIN 20 NM ON 124.6 395.9</div> <div>Not shown on WAC</div>
	<div>122.4 LRRS 122.55 BARTER ISLAND</div> <div>122.4 LRRS 123.6 CAPE LISBURNE 385 LUR</div> <div>LRRS at airport with NDB</div>		
OFF AIRPORT AWOS/ASOS	<div>SANDBERG ASOS 120.625</div>		
AIRSPACE INFORMATION			
CLASS B AIRSPACE	<div>LAS VEGAS CLASS B</div> <div>Appropriate notes as required may be shown.</div> <div>Only the airspace effective below 18,000 feet MSL are shown.</div> <div>(Mode C see FAR 91.215 /AIM)</div> <div>All mileages are nautical (NM).</div> <div>All radials are magnetic.</div> <div>Outer limit only, segments not shown</div> <div>WAC</div> <div>FOR FLIGHTS AT AND BELOW 8000' MSL SEE KANSAS CITY VFR TERMINAL AREA CHART</div> <div>WAC only</div> <div>80 - Ceiling of Class B in hundreds of feet MSL 40 - Floor of Class B in hundreds of feet MSL</div> <div>CTC LAS VEGAS APP ON 121.1 OR 257.8</div> <div>TAC only</div>	<div>LAS 20 NM</div> <div>NAVAID identifier and distance from facility (TAC Only).</div> <div>LAS 002°</div> <div>NAVAID identifier and radial from facility (TAC Only).</div>	<div>CLASS D AIRSPACE</div> <div>See NOTAMs/Directory for Class D eff hrs</div> <div>See NOTAMs/Directory for Class D/E (sfc) eff hrs</div> <div>(A minus in front of the figure is used to indicate "from surface to but not including...")</div> <div>ALTITUDE IN HUNDREDS OF FEET MSL</div> <div>Not shown on WAC</div>

AIRSPACE INFORMATION	AIRSPACE INFORMATION	AIRSPACE INFORMATION	AIRSPACE INFORMATION
<p>CLASS E AIRSPACE</p> <p>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:</p> <p>Airspace beginning at the surface (sfc) designated around airports ...</p> <p>Airspace beginning at 700 feet AGL ...</p> <p>Airspace beginning at 1200 feet AGL or greater that abuts uncontrolled airspace (Class G) ...</p> <p>Differentiates floors of airspace greater than 700 feet above the surface...</p> <p>When the ceiling is less than 18,000 feet MSL, the value, prefixed by the word "ceiling," shall be shown along the limits.</p>	<p>See NOTAMs/Directory for Class D/E (sfc) eff hrs</p> <p>See NOTAMs/Directory for Class E (sfc) eff hrs</p> <p>See NOTAMs/Directory for 700' Class E eff hrs</p> <p>See NOTAMs/Directory for 700' Class E eff hrs</p> <p>8000 AGL</p> <p>CEILING 14,000 MSL</p> <p>Not shown on WAC</p>	<p>CANADIAN AIRSPACE</p> <p>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.</p> <p>Appropriate notes as required may be shown.</p>	<p>TCA Class C/D</p> <p>TCA Class C/D</p> <p>Outer limit only, segments not shown</p> <p>WAC</p> <p>125 - Ceiling of TCA Class C/D in hundreds of feet MSL</p> <p>25 - Floor of TCA Class C/D in hundreds of feet MSL</p> <p>Class D CZ</p> <p>Class C or D Control Zone</p> <p>ALTITUDE IN HUNDREDS OF FEET MSL</p> <p>Class E Control Zone</p> <p>Not shown on WAC</p> <p>AIRSPACE CLASSIFICATION (SEE CANADA FLIGHT SUPPLEMENT) AND OPERATIONAL REQUIREMENTS (SEE DOD AREA PLANNING AP/1) MAY DIFFER BETWEEN CANADA AND UNITED STATES</p> <p>NOTE: REFER TO CURRENT CANADIAN CHARTS AND FLIGHT INFORMATION PUBLICATIONS FOR INFORMATION WITHIN CANADIAN AIRSPACE</p>
<p>OFFSHORE CONTROL AREAS</p>	<p>ATLANTIC LOW CONTROL AREA</p> <p>Class G Airspace</p> <p>9500 MSL</p> <p>ATLANTIC LOW CONTROL AREA</p> <p>8000 MSL</p> <p>CONTROL AREA 1148L</p> <p>ATLANTIC LOW CONTROL AREA</p> <p>ATLANTIC LOW CONTROL AREA</p> <p>CONTROL AREA 1148L</p> <p>WAC</p>	<p>AIRSPACE OUTSIDE OF U.S.</p> <p>Other than Canada</p> <p>Appropriate notes as required may be shown.</p> <p>FLIGHT INFORMATION REGIONS (FIR) and /or (CTA)</p> <p>OCEANIC CONTROL AREAS (OCA)</p>	<p>NOTE: REFER TO CURRENT DOD (NGA) FLIGHT INFORMATION PUBLICATIONS FOR INFORMATION OUTSIDE OF U.S. AIRSPACE</p> <p>No FIR exists this side - No ticks</p> <p>MONCTON FIR CZQM</p> <p>WINNIPEG FIR CZWG</p> <p>EDMONTON FIR CZEG</p> <p>OAKLAND OCEANIC CONTROL AREA</p>

AIRSPACE INFORMATION		AIRSPACE INFORMATION	
AIR DEFENSE IDENTIFICATION ZONE (ADIZ) <i>Note. Delimiting line not shown when it coincides with International Boundary, projection lines or other linear features.</i>	ALASKA ADIZ	SPECIAL USE AIRSPACE <i>Only the airspace effective below 18,000 feet MSL are shown.</i> <i>The type of area shall be spelled out in large areas if space permits.</i>	
	LOW ALTITUDE AIRWAYS VOR and LF / MF (CLASS E AIRSPACE) <i>Low altitude Federal Airways are indicated by centerline.</i> <i>Only the controlled airspace effective below 18,000 feet MSL is shown.</i>		PROHIBITED, RESTRICTED OR WARNING AREA 
MISCELLANEOUS AIR ROUTES		MILITARY TRAINING ROUTES (MTR)	ALERT AREA 
			 Not shown on WAC
		SPECIAL MILITARY ACTIVITY ROUTES (SMAR) <i>Boxed notes (as in text) shown adjacent to route.</i>	
		<div> <div> <div>40</div> <div>05 AGL</div> </div> <div> <div>45</div> <div>05 AGL</div> </div> </div> <div> <div>SPECIAL MILITARY ACTIVITY CONTACT MOBILE FSS ON 123.6 FOR ACTIVITY STATUS</div> </div> <div> <div>40</div> <div>05 AGL</div> </div> <div> <div>---</div> <div>Ceiling of SMAR in hundreds of feet MSL</div> </div> <div> <div>---</div> <div>Floor of SMAR in hundreds of feet AGL</div> </div>	
		Not shown on WAC	

AIRSPACE INFORMATION	AIRSPACE INFORMATION	AIRSPACE INFORMATION	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>	 <p>SPECIAL NOTICE Pilots are required to obtain an ATC clearance prior to entering this area.</p>	<p>SPECIAL AIRSPACE AREAS</p> <p>SPECIAL FEDERAL AVIATION REGULATIONS (SFAR) AREAS</p> <p><i>Appropriate notes as required may be shown.</i></p>	 <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>
<p>SPACE OPERATIONS AREA (FAR 91.143)</p>	 <p>DARKER TINT IS FAR 91.143 AREA</p> <p>Not shown on WAC</p>	<p>SFAR AREA RELATING TO NATIONAL SECURITY</p> <p>Example: Washington DC</p>	 <p>WASHINGTON DC METROPOLITAN AREA SPECIAL FLIGHT RULES AREA IN EFFECT (See SFAR 94 description in chart border).</p>
<p>MODE C (FAR 91.215)</p> <p><i>Appropriate notes as required may be shown.</i></p>	<p>MODE C</p> <p>30 NM</p> 	<p>TEMPORARY FLIGHT RESTRICTION (TFR) RELATING TO NATIONAL SECURITY</p> <p>Example: P-40/R-4009</p>	 <p>CAUTION P-40 AND R-4009 EXPANDED BY TEMPORARY FLIGHT RESTRICTION. CONTACT AFSS FOR LATEST STATUS AND NOTAMS</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>Not shown on WAC</p>	<p><i>Appropriate notes as required may be shown.</i></p>	<p><i>Appropriate notes as required may be shown.</i></p>
<p>SPECIAL CONSERVATION AREAS</p> <p>National Park, Wildlife Refuge, Primitive and Wilderness Areas, etc.</p>	 <p>PAHRANAGAT NATIONAL WILDLIFE REFUGE</p> <p>Not shown on WAC</p>	<p><i>Appropriate notes as required may be shown.</i></p>	<p><i>Appropriate notes as required may be shown.</i></p>




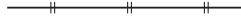
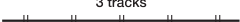

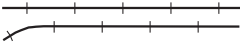

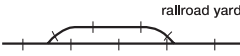


AIRSPACE INFORMATION	
NATIONAL SECURITY AREA <i>Appropriate notes as required may be shown.</i>	 <div style="border: 1px solid purple; padding: 5px; text-align: center;"> NOTICE FOR REASONS OF NATIONAL SECURITY PILOTS ARE REQUESTED TO AVOID FLIGHT BELOW 1200' MSL IN THIS AREA </div> Not shown on WAC
HIGH ENERGY RADIATION AREAS <i>Appropriate notes as required may be shown.</i>	 <div style="border: 1px solid blue; padding: 5px; text-align: center;"> HAZARDOUS LASER TRANSMISSIONS SFC to infinity See Airport Facility/Directory </div>  WAC
TERMINAL RADAR SERVICE AREA (TRSA) <i>Appropriate notes as required may be shown.</i>	Palm Springs TRSA  <div style="display: flex; align-items: center;"> <div style="text-align: center; margin-right: 10px;"> 80 40 </div> <div> - Ceiling of TRSA in hundreds of feet MSL - Floor of TRSA in hundreds of feet MSL </div> </div> <div style="border: 1px solid black; padding: 5px; text-align: center; margin: 10px auto; width: 150px;"> SEE TWR FREQ TAB </div> Not shown on WAC

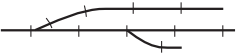










AIRSPACE INFORMATION	
IFR ROUTES <i>Appropriate notes as required may be shown.</i> Arrival Departure	 TAC only
TRANSITION ROUTES <i>Appropriate notes as required may be shown.</i> Uni-directional Bi-directional	<div style="border: 1px solid purple; padding: 5px; text-align: center; margin-bottom: 10px;">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

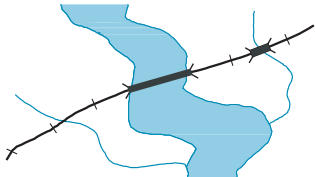
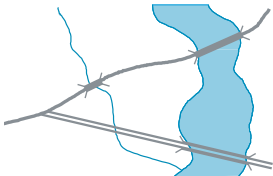

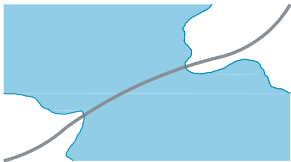
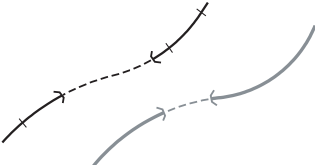
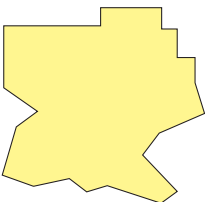



NAVIGATIONAL AND PROCEDURAL INFORMATION	
INTERSECTIONS	<div><div><div><div><div></div><div>ANGOO</div></div><div>VHF</div></div><div><div><div></div><div>ROAMS</div></div><div>LF / MF</div></div></div><div><div><div></div><div>WATSY</div></div><div>Combined VHF - LF / MF</div></div><div>Not shown on WAC</div></div>

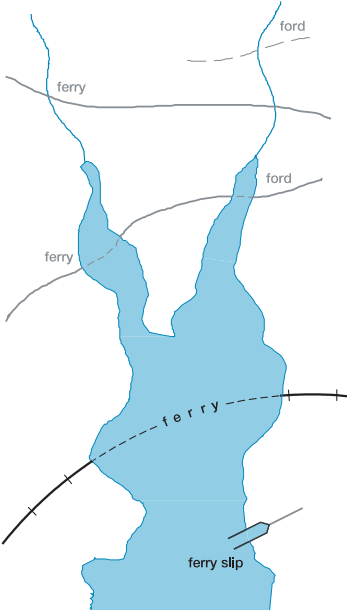




NAVIGATIONAL AND PROCEDURAL INFORMATION	
MARINE LIGHTS	<div><div>With Characteristics of Light</div><div><div><div>Oc</div><div>R SEC</div></div><div>Land Light</div></div><div><div><div>AI</div></div><div>Land Light</div></div><div>WAC</div><div><div>R</div><div>Red</div></div><div><div>*W</div><div>White</div></div><div><div>G</div><div>Green</div></div><div><div>B</div><div>Blue</div></div><div><div>SEC</div><div>Sector</div></div><div><div>F</div><div>Fixed</div></div><div><div>Oc</div><div>Single Occulting</div></div><div><div>Oc (2)</div><div>Group Occulting</div></div><div><div>Oc (2+1)</div><div>Composite Group Occulting</div></div><div><div>Iso</div><div>Isophase</div></div><div><div>FI</div><div>Flashing</div></div><div><div>FI (2)</div><div>Group Flashing</div></div><div><div>FI (2+1)</div><div>Composite Group Flashing</div></div><div><div>Q</div><div>Quick</div></div><div><div>IQ</div><div>Interrupted Quick</div></div><div><div>Mo (A)</div><div>Morse Code</div></div><div><div>FFI</div><div>Fixed and Flashing</div></div><div><div>AI</div><div>Alternating</div></div><div><div>Gp</div><div>Group</div></div><div><div>LFI</div><div>Long Flash</div></div><div><div>Q (3)</div><div>Group Quick Flashing</div></div><div><div>IQ</div><div>Interrupted Quick Flashing</div></div><div><div>VQ</div><div>Very Quick Flashing</div></div><div><div>VQ (3)</div><div>Group Very Quick Flashing</div></div><div><div>IVQ</div><div>Interrupted Very Quick Flashing</div></div><div><div>UQ</div><div>Ultra Quick Flashing</div></div><div><div>IUQ</div><div>Interrupted Ultra Quick Flashing</div></div></div> <div>*Marine Lights are white unless otherwise noted. Alternating lights are red and white unless otherwise noted.</div>
VISUAL GROUND SIGNS	<div><div>Shore and Landmarks</div><div><div><div>A33</div></div><div>Arrow points to location of marker</div></div><div><div><div>M</div></div><div>Actual location of ground sign</div></div></div>
VFR CHECKPOINTS	<div><div><div>Pictorial</div><div><div><div></div></div><div>STATE CAPITOL</div></div></div><div><div><div></div></div><div>SIGNAL HILL</div></div><div><div><div></div></div><div><div>NORTHBROOK</div><div>113.0 Ch 77 OBK</div></div></div><div><div><div></div></div><div><div>LEWIS (Pvt)</div><div>989 - 27</div></div></div><div>Not shown on WAC</div></div>

NAVIGATIONAL AND PROCEDURAL INFORMATION	CHART LIMITS
VFR WAYPOINTS Stand-Alone Collocated with VFR Checkpoint	<div> OUTLINE ON SECTIONAL OF TERMINAL AREA CHART </div> <div> </div> <div> <p>LOS ANGELES TERMINAL AREA Pilots are encouraged to use the Los Angeles VFR Terminal Area Chart for flights at or below 10,000'</p> </div> <p>Not shown on WAC</p>
OBSTRUCTION	<div> OUTLINE ON SECTIONAL OF INSET CHART </div> <div> </div> <div> <p>INDIANAPOLIS INSET See inset chart on the St. Louis Sectional for additional information</p> </div> <p>If inset chart is on a different chart:</p> <p>If inset chart is on the same chart as outline:</p> <div> <p>INDIANAPOLIS INSET See inset chart for additional detail</p> </div> <p>Not shown on WAC</p>
GROUP OBSTRUCTION	<div> <p>1062 (227) Less than 1000' (AGL) 524 (367)</p> <p>4977 (1432) 1000' and higher (AGL) 3483 (1634)</p> <p>2889 (1217) At least two in group over 1000' (AGL) 4892 (1573)</p> <p>WAC</p> </div>
HIGH-INTENSITY OBSTRUCTION LIGHTS <i>High-intensity lights may operate part-time.</i>	<div> <p>Less than 1000' (AGL)</p> <p>1000' and higher (AGL)</p> <p>Group Obstruction</p> <p>WAC</p> </div>
MAXIMUM ELEVATION FIGURE (MEF) <i>(see page 2 for explanation).</i>	<div> <p>135</p> </div>
WARNING AND CAUTION NOTES <i>Used when specific area is not demarcated.</i>	<div> <p>WARNING Extensive fleet and air operations being conducted in offshore areas to approximately 100 miles seaward.</p> </div> <div> <p>CAUTION: Be prepared for loss of horizontal reference at low altitude over lake during hazy conditions and at night.</p> </div>

CULTURE	
RAILROADS <i>All gauges</i> Single Track	  WAC
	  WAC
	 3 tracks
	 electric
RAILROADS IN JUXTAPOSITION	
RAILROAD-NONOPERATING, ABANDONED, DESTROYED OR UNDER CONSTRUCTION	 under construction
RAILROAD YARDS	 railroad yard
	 railroad yard
RAILROAD STATIONS	 station










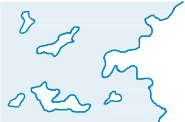


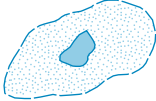
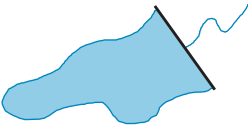
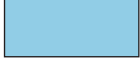



CULTURE	
RAILROAD SIDINGS AND SHORT SPURS	
ROADS	
Dual Lane Category 1	 WAC
Primary Category 2	 WAC
Secondary Category 2	
TRAILS	
Category 3	
ROAD MARKERS	
Interstate Route No.	 80
U.S. Route No.	 40
Air Marked Identification Label	 13
ROAD NAMES	 LINCOLN HIGHWAY  LINCOLN HIGHWAY WAC
ROADS UNDER CONSTRUCTION	 under construction








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


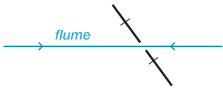

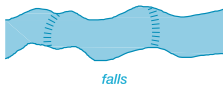

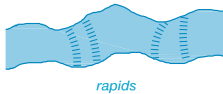


CULTURE	
FERRIES, FERRY SLIPS AND FORDS	
PROMINENT FENCES	
BOUNDARIES	<div>International</div> 
	<div>State and Provincial</div> 
	<div>Convention or Mandate Line</div> <div><div>RUSSIA</div><div></div><div>UNITED STATES</div></div>
	<div>Date Line</div> <div><div>INTERNATIONAL</div><div>DATE LINE</div><div>(Monday)</div><div>(Sunday)</div></div>




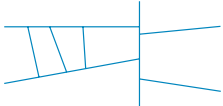

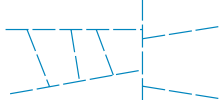
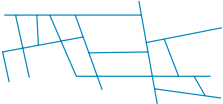
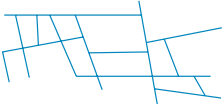

CULTURE	
TIME ZONES	<div><div><div>PST</div><div>+8 (+7DT) = UTC</div></div><div><div>MST</div><div>+7 (+6DT) = UTC</div></div><div>Not shown on WAC</div></div>
MINES AND QUARRIES	<div><div>Shaft Mines and Quarries</div><div></div></div>
POWER TRANSMISSION & TELECOMMUNICATION LINES	<div><div></div><div></div><div>WAC</div></div>
PIPELINES	<div><div>pipeline</div><div></div></div>
Underground	<div><div>underground pipeline</div><div></div></div>
DAMS	<div></div>
DAM CARRYING ROAD	<div></div>
PASSABLE LOCKS	<div><div>locks</div><div></div></div>

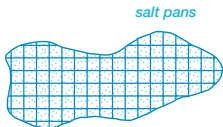




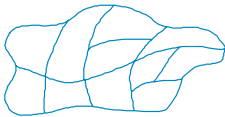

CULTURE	
SMALL LOCKS	<div></div>
WEIRS AND JETTIES	<div><div>jetties</div><div></div></div>
SEAWALLS	<div><div>seawall</div><div></div></div>
BREAKWATERS	<div><div>breakwater</div><div></div></div>
PIERS, WHARFS, QUAYS, ETC.	<div><div>piers</div><div></div></div>
MISCELLANEOUS CULTURAL FEATURES	<div><div><div>■ stadium</div><div>■ fort</div><div>■ cemetery</div></div></div>
OUTDOOR THEATER	<div><div></div></div>
WELLS	<div><div>Other Than Water</div><div><div>oil</div><div></div></div></div>



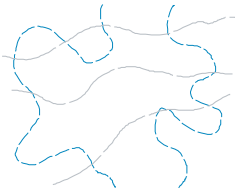
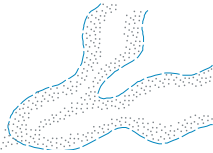

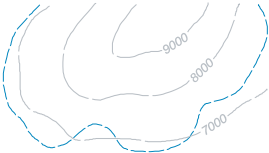


CULTURE		HYDROGRAPHY	
RACE TRACKS		SHORELINES	
LOOKOUT TOWERS	Air marked identification  P-17 (Site Number) 618 (Elevation Base of Tower)	Definite	
LANDMARK AREAS		Fluctuating	
TANKS	<ul style="list-style-type: none"> • water • oil • gas 	Unsurveyed <i>Indefinite</i>	
COAST GUARD STATION	 CG	Man-made	
AERIAL CABLEWAYS, CONVEYORS, ETC.	aerial cableway aerial cableway  WAC	LAKES	
HYDROGRAPHY		Label as required	
OPEN WATER		Perennial	<i>When too numerous to show individual lakes, show representative pattern and descriptive note.</i>  numerous small lakes 618
INLAND WATER		Non-Perennial <i>(dry, intermittent, etc.)</i> Illustration includes small perennial lake	
		RESERVOIRS	
		Natural Shorelines	
		Man-made Shorelines	 reservoir
		Label when necessary for clarity	
		Too small to show to scale	 reservoir
		Under Construction	 under construction 

HYDROGRAPHY		HYDROGRAPHY	
STREAMS	Perennial	WET SAND AREAS <i>Within and adjacent to desert areas</i>	
	Non-Perennial		
	Fanned Out <i>Alluvial fan</i>	AQUEDUCTS	
	Braided		
	Disappearing		
	Seasonally Fluctuating <i>with undefined limits</i>		
	<i>with maximum bank limits, prominent and constant</i>		
	Sand Deposits In and Along Riverbeds		
		Kanats <i>Underground aque- duct with air vents</i>	

HYDROGRAPHY	
FLUMES, PENSTOCKS AND SIMILAR FEATURES	
	
	
FALLS	
	
RAPIDS	
	
CANALS	




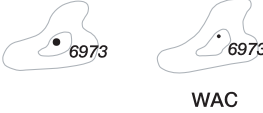



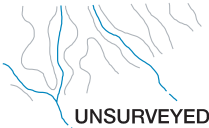
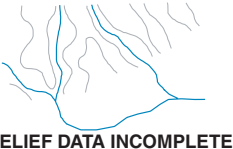
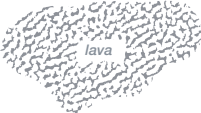
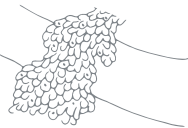
HYDROGRAPHY	
To Scale	
Abandoned or Under Construction	
Abandoned to Scale	
SMALL CANALS AND DRAINAGE / IRRIGATION DITCHES	
	
	
	
Numerous <i>Representative pattern and/or descriptive note.</i>	
Numerous	



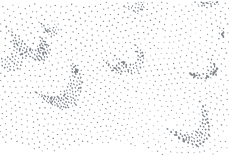
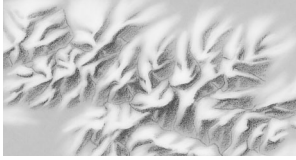

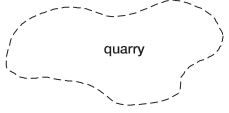

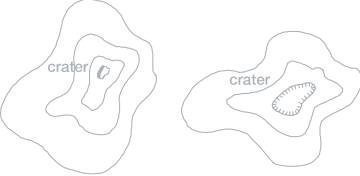
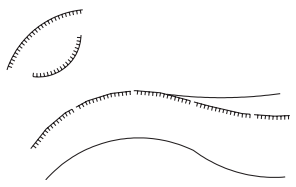

HYDROGRAPHY	
SALT EVAPORATORS AND SALT PANS MAN EXPLOITED	 salt pans
SWAMPS, MARSHES AND BOGS	
HUMMOCKS AND RIDGES	
MANGROVE AND NIPA	 mangrove
PEAT BOGS	 peat bog
TUNDRA	tundra
CRANBERRY BOGS	 cranberry bog
RICE PADDIES	 <i>Extensive areas indicated by label only.</i>










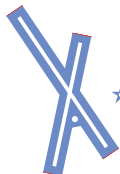



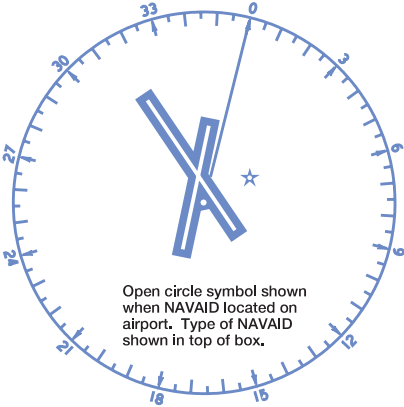












HYDROGRAPHY	
LAND SUBJECT TO INUNDATION	
SPRINGS, WELLS AND WATERHOLES	
GLACIERS	
GLACIAL MORAINES	
ICE CLIFFS	
SNOWFIELDS, ICE FIELDS AND ICE CAPS	
ICE PEAKS	
FORESHORE FLATS	 <i>Tidal flats exposed at low tide.</i>

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	

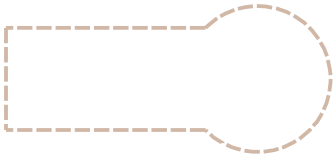
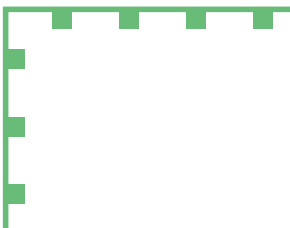
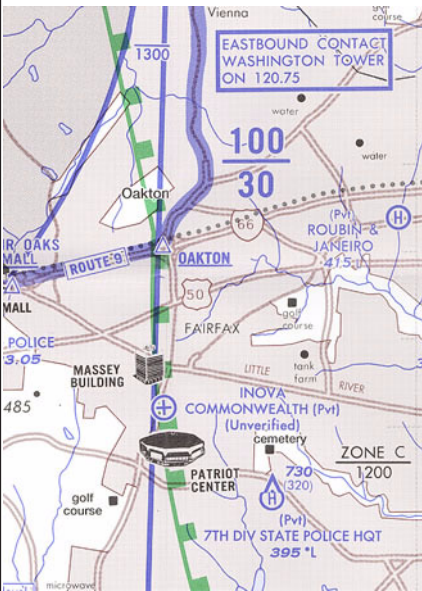

RELIEF	
SPOT ELEVATIONS	
Position Accurate	
Position Accurate, Elevation Approximate	
Approximate location	
Critical	
Highest on Chart	
MOUNTAIN PASS	
HACHURING	
UNSURVEYED AREAS	
UNCONTOURED AREAS	
DISTORTED SURFACE AREAS	
LAVA FLOWS	



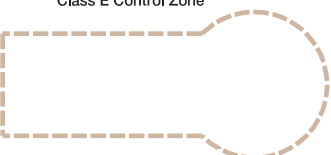
RELIEF	
SAND OR GRAVEL AREAS	
SAND RIDGES	
SAND DUNES	
SHADED RELIEF	
ROCK STRATA OUTCROP	
QUARRIES TO SCALE	
STRIP MINES, MINE DUMPS AND TAILINGS	
CRATERS	
ESCARPMENTS, BLUFFS, CLIFFS, DEPRESSIONS, ETC.	
LEVEES AND ESKERS	

























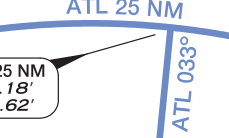


AIRPORTS	
<div>LANDPLANE</div> <div>All recognizable runways, including some which may be closed, are shown for visual identification.</div>	<div></div> <div>Public </div> <div>Private </div>
<div>HELIPORT</div>	<div>Heliports public and private </div> <div>Hospital Helipads </div> <div>Trauma Center </div> <div>Helipads located at major airports </div>
<div>SEAPLANE</div>	<div></div>
<div>ULTRALIGHT FLIGHT PARK</div>	<div></div>
<div>AIRPORT DATA GROUPING</div> <div>Boxed airport name indicates airport for which a Special Traffic Rule has been established.</div>	<div></div> <div>Rotating Beacon in operation Sunset to Sunrise</div> <div>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</div>
	<div>FSS - Flight Service Station on field</div> <div>NO SVFR - Airspace where fixed wing special visual flight rules operations are prohibited (shown above airport name) F.A.R. 91.</div> <div> - Indicates F.A.R. 93 Special Air Traffic Rules and Airport Traffic</div> <div>(NAM) - Location Identifier</div> <div>CT - 119.1 - Control Tower (CT) - primary frequency</div> <div>* - Star indicates operation part-time. See tower frequencies tabulation for hours of operation.</div> <div>ATIS 115.4 - Automatic Terminal Information Service</div> <div>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.</div> <div>03 - Elevation in feet</div> <div>L - Lighting in operation Sunset to Sunrise</div> <div>*L - Lighting limitations exist, refer to Airport/Facility Directory.</div> <div>122.95 - UNICOM - Aeronautical advisory station</div> <div> - Indicates Common Traffic Advisory Frequencies (CTAF)</div> <div>(Unverified) - Unverified Heliport</div> <div>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).</div>
RADIO AIDS TO NAVIGATION	
<div>VHF OMNI-DIRECTIONAL RADIO (VOR) RANGE</div>	<div>VOR-DME PROVO 108.4 Ch 21 PVU </div> <div></div> <div>Open circle symbol shown when NAVAID located on airport. Type of NAVAID shown in top of box.</div> <div>Compass Rose oriented to slave variation.</div> <div>Operates less than continuous or on-request</div> <div>Transcribed Weather Broadcast (TWEB)</div> <div>VOR </div> <div>AMEDEE *109.0 Ch 27 AHC </div> <div>Underline indicates no voice on this frequency.</div> <div>VORTAC </div> <div>Low Frequency Name ASOS/AWOS 379 111.0 Ch 47 PTK </div> <div>Frequency Channel Identifier</div> <div>Morse Code</div> <div>Hazardous Inflight Weather Advisory Service (HIWAS)</div> <div>VOR-DME </div> <div>SALEM 114.3 Ch 90 SVM </div>
<div>NON-DIRECTIONAL RADIOBEACON (NDB)</div>	<div></div> <div></div> <div></div> <div></div> <div>MONTAGUE 382 MOG </div> <div>Underline indicates no voice on this frequency.</div> <div>GAMBELL 369 GAM </div> <div>DME Ch 92 (114.5)</div>
<div>NDB-DME</div>	

RADIO AIDS TO NAVIGATION	
NAVAIDS USED TO DEFINE CLASS B AIRSPACE	<div>ILS - DME</div> <div><div><div></div><div>SALT LAKE CITY DME ANT (I-BNT) Ch 52 (111.5)</div></div></div>
BROADCAST STATIONS (BS) On request by the proper authority or when a VFR Check-point.	<div><div><div></div><div>KFTM</div></div><div><div></div><div>BS KFTM 1400</div></div></div>
FLIGHT SERVICE STATION (FSS)	<div>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. For Local Airport Advisory use FSS frequency 123.6. R - Receive only</div> <div><div><div>DENVER DEN</div><div>No NAVAID of the same name as FSS</div></div><div>or</div><div><div><div>122.1R123.6</div><div>NORTHWAY 116.3 Ch 110 ORT</div><div>FSS oper 0600-2200 Rancho Murieta FSS other times.</div><div>NAVAID same name as FSS but not an RCO</div></div></div></div>
REMOTE COMMUNICATIONS OUTLET (RCO)	<div>Frequencies above thin line box are remotod 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.</div> <div>Thin line box without frequencies and controlling FSS name indicates no FSS frequencies available.</div> <div><div><div></div><div>123.6</div><div>OLYMPIA RCO [McCHORD]</div></div><div><div>122.35122.35</div><div>ST PAUL 108.6 STP</div><div>MINNEAPOLIS</div><div>GAMBELL 369 GAM</div><div>MILES CITY</div></div><div>FSS providing voice communication</div></div>

AIRSPACE INFORMATION	
CLASS B AIRSPACE Appropriate notes as required may be shown. (Mode C see FAR 91.215/AIM) All mileages are nautical (NM) All radials are magnetic.	<div>LAS VEGAS CLASS B</div> <div>NAVAID identifier and distance from facility.</div> <div><div><div></div><div>LAS 20 NM</div><div>LAS 031°</div></div><div>NAVAID identifier and radial from facility.</div><div>CLASS B SURFACE AREA</div></div> <div><div>70</div><div>SFC</div><div>- Ceiling of Class B in hundreds of feet MSL</div><div>- Floor of Class B in hundreds of feet MSL</div></div> <div><div>CTC LAS VEGAS APP ON 121.1 OR 257.8</div></div>
CLASS C AIRSPACE Appropriate notes as required may be shown. (Mode C see FAR 91.215/AIM)	<div>BURBANK CLASS C</div> <div>See NOTAMs/Directory for Class C eff hrs</div> <div><div><div></div></div><div>CLASS C SURFACE AREA</div><div>See NOTAMs/Directory for Class C eff hrs</div></div> <div><div>70</div><div>30</div><div>- Ceiling of Class C in hundreds of feet MSL</div><div>- Floor of Class C in hundreds of feet MSL</div></div> <div><div>CTC BURBANK APP WITHIN 20 NM ON 124.6 395.9</div></div>
CLASS D AIRSPACE	<div>See NOTAMs/Directory for Class D eff hrs</div> <div><div><div></div><div>[31]</div></div><div>See NOTAMs/Directory for Class D/E (sfc) eff hrs</div><div><div><div></div><div>[20]</div></div></div><div>(A minus in front of the figure is used to indicate "from surface to but not including...")</div><div>ALTITUDES IN HUNDREDS OF FEET MSL</div></div>

AIRSPACE INFORMATION	
CLASS E SURFACE (SFC) AIRSPACE	<p>See NOTAMs/Directory for Class E (sfc) eff hrs</p> 
SPECIAL AIRSPACE AREAS	
<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>	 <p>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.</p>
AIR DEFENSE IDENTIFICATION ZONE (ADIZ)	<p>WASHINGTON DC METROPOLITAN AREA AIR DEFENSE IDENTIFICATION ZONE (DC ADIZ) (See description in chart border)</p>  <p><i>Note. Delimiting line not shown when it coincides with International Boundary, projection lines or other linear features.</i></p>


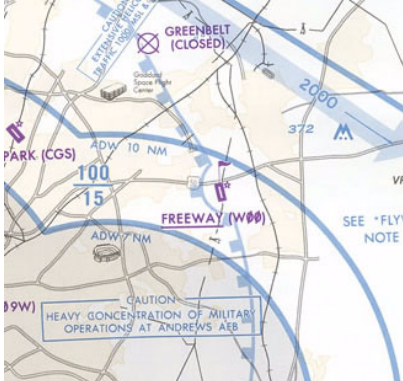
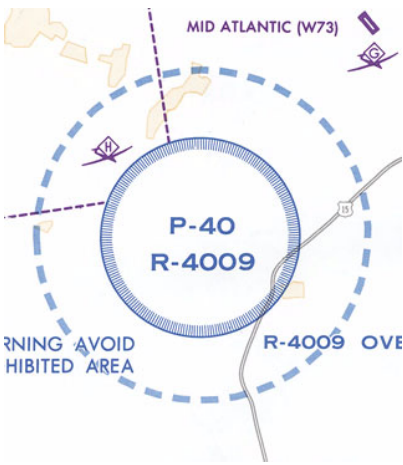
AIRSPACE INFORMATION																					
CANADIAN AIRSPACE	<p>TCA Class C/D</p>  <p><u>80</u> - Ceiling of TCA Class C/D in hundreds of feet MSL <u>40</u> - Floor of TCA Class C/D in hundreds of feet MSL</p> <p>Class C or D Control Zone</p>  <p>ALTITUDE IN HUNDREDS OF FEET MSL</p> <p>Class E Control Zone</p>  <div>AIRSPACE CLASSIFICATION (SEE CANADA FLIGHT SUPPLEMENT) AND OPERATIONAL REQUIREMENTS (SEE DOD AREA PLANNING AP/1) MAY DIFFER BETWEEN CANADA AND UNITED STATES</div> <div>NOTE: REFER TO CURRENT CANADIAN CHARTS AND FLIGHT INFORMATION PUBLICATIONS FOR INFORMATION WITHIN CANADIAN AIRSPACE</div>																				
	HELICOPTER ROUTES	<p>Primary Route</p> <table><tr><th>Route Name</th><th>Tower Frequency</th><th>One-way Route</th><th>Altitude Changeover Point</th></tr><tr><td>MARRIOT</td><td>118.3</td><td>➡</td><td></td></tr></table> <p>Reporting or Holding Points</p> <table><tr><td></td><td>BAHAI</td><td>Name</td></tr><tr><td>Non-Compulsory</td><td>Compulsory</td><td></td></tr></table> <p>Secondary Route</p> <p>Transition Route</p> <p>Police Zone</p> <p>ZONE 8 1000</p> <p>Recommended Route Altitude</p> <table><tr><td><u>500</u></td><td>Maximum</td></tr><tr><td><u>500</u></td><td>Minimum</td></tr><tr><td><u>500</u></td><td>Recommended</td></tr></table>	Route Name	Tower Frequency	One-way Route	Altitude Changeover Point	MARRIOT	118.3	➡			BAHAI	Name	Non-Compulsory	Compulsory		<u>500</u>	Maximum	<u>500</u>	Minimum	<u>500</u>
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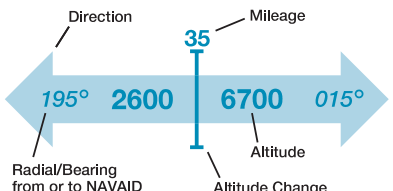
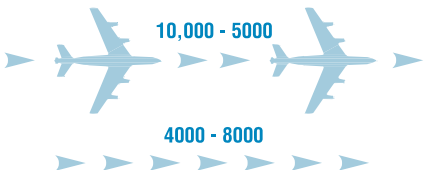

AIRSPACE INFORMATION		NAVIGATIONAL AND PROCEDURAL INFORMATION	
SPECIAL USE AIRSPACE <i>Only the airspace effective below 18,000 feet MSL is shown.</i> <i>The type of area shall be spelled out in large areas if space permits.</i>	 <p>PROHIBITED, RESTRICTED, WARNING OR ALERT AREA</p>  <p>MILITARY OPERATIONS AREA (MOA)</p>	VFR CHECKPOINTS	 <p>STATE CAPITOL</p> <p>Pictorial</p>  <p>STACKS</p>  <p>122.2 FRANCIS PEAK RCO CEDAR CITY</p>  <p>(Pvt) LEWIS 420</p>
MILITARY TRAINING ROUTES (MTR)		VFR WAYPOINTS	 <p>VPXYZ</p> <p>Stand-Alone</p> <p>Collocated with VFR Checkpoint</p>  <p>NAME (VPXYZ)</p>
SPECIAL AIR TRAFFIC RULES / AIRPORT TRAFFIC AREAS (FAR PART 93) <i>Appropriate boxed notes as required shown adjacent to area.</i>	 <p>SPECIAL NOTICE Pilots are required to obtain an ATC clearance prior to entering this area.</p>	OBSTRUCTIONS	 <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>Obstruction with high-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 unverified</p>
MODE C (FAR 91.215) <i>Appropriate notes as required may be shown.</i>		MAXIMUM ELEVATION FIGURE (MEF) <i>(see page 2 for explanation).</i>	<p>124</p>
MISCELLANEOUS AIRSPACE AREAS Parachute Jumping Area with Frequency Glider Operating Area Ultralight Activity Hang Glider Activity	 <p>122.9</p>   	NAVIGATION DATA	 <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>
SPECIAL CONSERVATION AREAS National Park, Wildlife Refuge, Primitive and Wilderness Areas, etc.			
TERMINAL RADAR SERVICE AREA (TRSA) <i>Appropriate notes as required may be shown.</i>	<p>PALM SPRINGS TRSA</p>  <p>SEE TWR FREQ TAB</p> <p>80 40</p> <p>- Ceiling of TRSA in hundreds of feet MSL</p> <p>- Floor of TRSA in hundreds of feet MSL</p>		

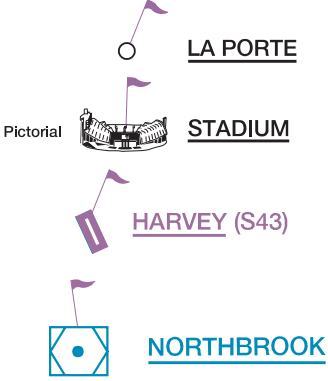


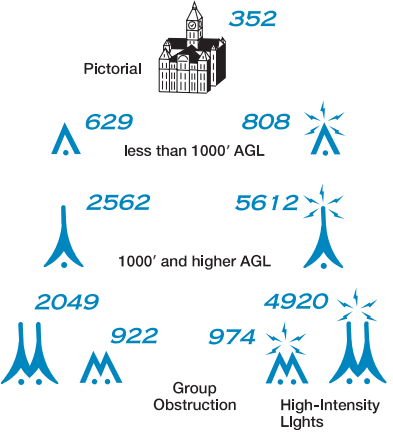
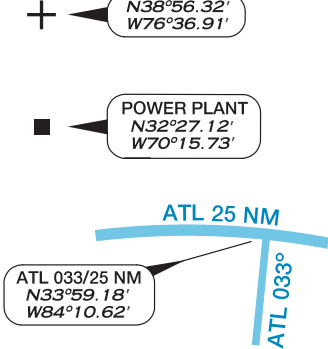

NAVIGATIONAL AND PROCEDURAL INFORMATION	
WARNING AND CAUTION NOTES	<div>WARNING Extensive fleet and air operations being conducted in offshore areas to approximately 100 miles seaward.</div> <div>CAUTION: Be prepared for loss of horizontal reference at low altitude over lake during hazy conditions and at night.</div>
LOCAL MAGNETIC NOTES	Magnetic disturbance of as much as 78° exists at ground level and 10° or more at 3000 feet above ground level in this vicinity.
CULTURE	
RAILROADS	<div>Single Track</div> <div>Double Track</div>
ROADS	<div>HOLLYWOOD BOULEVARD</div> <div>495</div> <div>95</div> <div>25</div>
BRIDGES	<div>Railroad</div> <div>Road</div>
POPULATED PLACES	Built-up Areas
BOUNDARIES	<div>International</div> <div>State and Provincial</div>











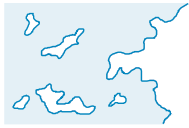

CULTURE	
POWER TRANSMISSION LINES	
PROMINENT PICTORIALS	<div>TEMPLE</div>
LANDMARKS	<div>Landmark Feature-stadium, factory, school, etc.</div> <div>Mines and Quarries</div> <div>Race Track</div> <div>Outdoor Theater</div> <div>Tank-water, oil or gas</div>
HYDROGRAPHY	
SHORELINES	
MAJOR LAKES AND RIVERS	
RESERVOIRS	<div>Dam</div>
RELIEF	
SPOT ELEVATIONS	<div>Position Accurate</div> <div>405</div>

AIRPORTS		AIRSPACE INFORMATION	
LANDPLANE <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> <i>FAR 91 - Fixed wing special VFR operations prohibited.</i>	 Paved Runways Unpaved Runways 	CLASS B AIRSPACE <i>Appropriate notes as required may be shown.</i> <i>(Mode C see FAR 91.215 /AIM)</i> <i>All mileages are nautical (NM).</i> <i>All radials are magnetic.</i>	LAS VEGAS CLASS B 80 - Ceiling of Class B in hundreds of feet MSL 40 - Floor of Class B in hundreds of feet MSL
	RADIO AIDS TO NAVIGATION	CLASS C AIRSPACE <i>Appropriate notes as required may be shown.</i> <i>(Mode C see FAR 91.215 /AIM)</i>	EL TORO CLASS C 48 - Ceiling of Class C in hundreds of feet MSL 30 - Floor of Class C in hundreds of feet MSL
VHF OMNI-DIRECTIONAL RADIO RANGE (VOR) VOR VORTAC VOR-DME	 	CLASS D AIRSPACE	 (A minus in front of the figure is used to indicate "from surface to but not including...") ALTITUDE IN HUNDREDS OF FEET MSL
NON-DIRECTIONAL RADIOBEACON (NDB) NDB-DME	 	CLASS E SURFACE (SFC) AIRSPACE	
NAVAIDS USED TO DEFINE CLASS B AIRSPACE			

AIRSPACE INFORMATION	
SPECIAL AIRSPACE AREAS	
SPECIAL FEDERAL AVIATION REGULATIONS (SFAR) AREAS RELATING TO NATIONAL SECURITY Example: Washington DC	 <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 Metropolitan Area.</p>
Appropriate notes as required may be shown.	
TEMPORARY FLIGHT RESTRICTION (TFR) RELATING TO NATIONAL SECURITY Example: P-40/R-4009	 <p>CAUTION P-40 AND R-4009 EXPANDED BY TEMPORARY FLIGHT RESTRICTION. CONTACT AFSS FOR LATEST STATUS AND NOTAMS.</p>
Appropriate notes as required may be shown.	

AIRSPACE INFORMATION	
SUGGESTED VFR FLYWAY AND ALTITUDE	
IFR ROUTES Appropriate notes as required may be shown.	
TRANSITION ROUTES Appropriate notes as required may be shown.	<p>VFR TRANSITION ROUTE ATC CLEARANCE REQUIRED SEE SHOWBOAT GRAPHIC ON SIDE PANEL</p> <p>Uni-directional</p> <p>Bi-directional</p>
SPECIAL USE AIRSPACE Only the airspace effective below 18,000 feet MSL is shown.	<p>P-56 OR R-6401</p> <p>W-518 OR A-631</p> <p>PROHIBITED, RESTRICTED ALERT OR WARNING AREA</p> <p>FALCON 1 MOA</p> <p>MILITARY OPERATIONS AREA (MOA)</p>
MILITARY TRAINING ROUTES (MTR)	

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

CULTURE		RELIEF	
RAILROADS		Spot Elevations	
Single and Multiple Tracks		Position Accurate Mountain Peaks	
ROADS			
Dual Lane			
Primary			
POPULATED PLACES			
Built-up Areas			
Towns			
BOUNDARIES			
International			
POWER TRANSMISSION LINES			
			
PROMINENT PICTORIALS			
			
LANDMARKS			
			
HYDROGRAPHY			
SHORELINES			
			
MAJOR LAKES AND RIVERS			
			
RESERVOIRS			
	