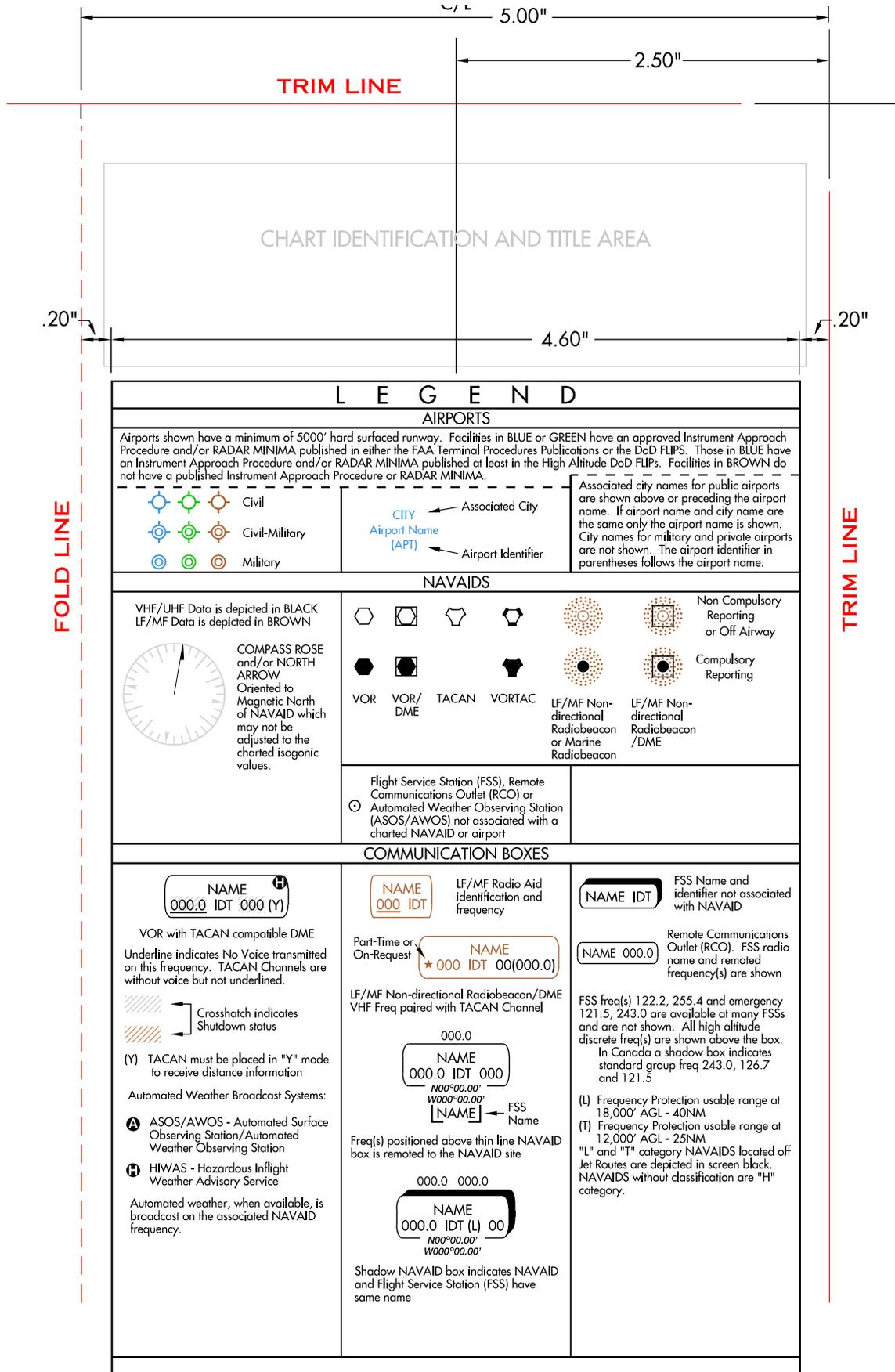


## APPENDIX 21 LEGEND PANEL INFORMATION - U.S.



Continued on Legend Panel Information - U.S. (2)

## APPENDIX 21 LEGEND PANEL INFORMATION - U.S. (CONTINUED)

Continued from Legend Panel Information - U.S. (1)

FOLD LINE

TRIM LINE

AIR TRAFFIC SERVICES AND AIRSPACE INFORMATION	
<p style="text-align: center; margin: 0;"><b>ROUTE DATA</b></p> <p>VHF/UHF Data is depicted in BLACK LF/MF Data is depicted in BROWN RNAV Data is depicted in BLUE</p> <p><b>J000</b> Jet Route</p> <p><b>R00 R00</b> ATS Route</p> <p><b>A00 A00</b> Oceanic Route</p> <p><b>ARO ARO</b> Atlantic Route</p> <p><b>BROL BROL</b> Bahama Route</p> <p>○ ○ ○ ○ ○ ○ ○ ○ Substitute Route Via/by-passing temporarily shutdown NAVAIDS. See NOTAMs or appropriate publications for specific information.</p> <p>▲▲▲▲▲▲ Unusable Route Segment</p> <p><b>Q00</b> RNAV2 Route (Not including Q routes in the Gulf of Mexico). GNSS or DME/DME/IRU RNAV required, unless otherwise indicated. DME/DME/IRU aircraft require radar surveillance. Refer to Airport/Facility Directory for DME information.</p> <p><b>J0</b> Preferred Single Direction Jet Route/<b>Q0</b> Route</p> <p>000.0 IDT 000 Facility Locators used in formation of Reporting Points</p> <p>000 ID Radial Outbound from a VHF/UHF NAVAID</p> <p>000 Bearing Inbound to an LF/MF NAVAID</p> <p>000 000 Total Mileage between Compulsory Fixes and/or NAVAIDS</p> <p>00 00 00 Mileage between other Fixes, NAVAIDS and/or Mileage Breakdown</p>	<p style="text-align: center; margin: 0;"><b>BOUNDARIES</b></p> <p>00 Changeover Point Giving mileage to NAVAIDS (Not shown at midpoint locations)</p> <p>MEA-00000 Minimum Enroute Altitude (MEA), shown when other than 18,000'</p> <p>MAA-00000 Max. Authorized Altitude (MAA), shown when other than 45,000'</p> <p>MEA-00000G MEA for GNSS RNAV aircraft. Shown when other than 18,000'</p> <p>MEA-00000D MEA for DME/DME/IRU RNAV aircraft. Shown when other than 18,000'</p> <p>ME and/or MAA Change at other than NAVAIDS</p> <p>R R Minimum Reception Altitude (MRA)</p> <p>X X Minimum Crossing Altitude (MCA) or Minimum Turning Altitude (MTA)</p> <p style="text-align: center; margin: 10px 0;"><b>REPORTING REQUIREMENTS</b></p> <p>▲ △ Fix Compulsory and Non-Compulsory Position Report</p> <p>◆ ◆ RNAV Waypoint Compulsory and Non-Compulsory Position Report</p> <p>☆ NRS (Navigation Reference System) Waypoint</p> <p>← Denotes DME Fix (Distance same as route mileage)</p> <p>← 00 Denotes DME Fix and Mileage</p> <p>△ Offset arrows indicate facility forming a Fix. (Away from VHF/UHF, Toward LF/MF NAVAID)</p> <p>△ Mileage Breakdown or Computer Navigational Fix (CNF) (no ATC functions)</p>
<p style="text-align: center; margin: 0;"><b>MISCELLANEOUS</b></p> <p>2010 Isogonic Line and Value shown each 4° — 4°W —</p> <p>ALL MILEAGES ARE NAUTICAL UNLESS OTHERWISE STATED</p> <p>ALL RADIALS AND BEARINGS ARE MAGNETIC UNLESS OTHERWISE STATED</p> <p>ALL ALTITUDES ARE MSL UNLESS OTHERWISE STATED</p> <p>ALL TIME IS COORDINATED UNIVERSAL TIME (UTC), DAYS ARE LOCAL</p> <p>North American Datum of 1983 (NAD 83), for charting purposes, is considered equivalent to World Geodetic System 1984 (WGS 84).</p> <p>‡ During periods of Daylight Saving Time (DT), effective hours will be one hour earlier than shown. All states observe DT except Arizona.</p>	<p style="text-align: center; margin: 0;"><b>AIRSPACE INFORMATION</b></p> <p>Open area (white) indicates controlled airspace. (Class A)</p> <p>Shaded area (brown) indicates uncontrolled airspace. (Class G)</p> <p style="text-align: center; margin: 5px 0;">Class A Airspace</p> <p>That airspace of the United States and designated offshore airspace from 18,000' MSL to and including FL 600 excluding the portion south of Latitude 25°04'00"N</p> <p>CTA/FIR NAME OCEANIC IDENT Air Traffic Service example</p> <p>Additional Control Area limit</p> <p style="text-align: center; margin: 10px 0;"><b>SPECIAL USE AIRSPACE</b></p> <p>P-56 R-123 W-1234 CYA-101 CYD-102 CYR-103</p> <p>In Canada: CYA - Advisory Area CYD - Danger Area CYR - Restricted Area</p> <p>W-101A W-101B</p> <p>Line delimits internal separation of same Special Use Area</p> <p style="text-align: right; font-size: small;">See Airspace Tabulation for complete information</p>
<b>EXAMPLE OF GROUPING</b>	

Continued on Legend Panel Information - U.S. (3)

**APPENDIX 21  
LEGEND PANEL INFORMATION - U.S. (CONTINUED)**

Continued from Legend Panel Information - U.S. (2)

FOLD LINE

**EXAMPLE OF GROUPING**

Jet Route centerline by-passing a facility which is not part of that specific route

MEGA is established with a gap in navigation signal coverage

MEGA GAP

Holding Pattern

MEGA-31000

J126

MEGA-29000D

Q9

050

135

230

WAYPT

040

J4-8

117

117

117

85

FIXNM

N49°51.07'

W92°50.93'

Holding Fixes have coordinate values shown

Effective Times of Single Direction Routes

113.6 NAV 93

038

5A

119

JB

1300-0000Z

Water Vignette

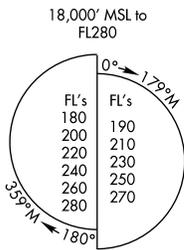
**MORSE CODE**

A ···	F ····	K ···	P ····	U ···	1 ·····	6 ·····
B ····	G ····	L ····	Q ····	V ····	2 ·····	7 ·····
C ····	H ····	M ···	R ···	W ···	3 ·····	8 ·····
D ···	I ···	N ···	S ···	X ····	4 ·····	9 ·····
E ·	J ····	O ···	T ·-	Y ····	5 ·····	0 ·····
			Z ····			

TRIM LINE

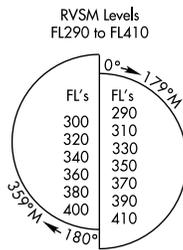
FOR ADDITIONAL SYMBOL INFORMATION REFER TO THE CHART USER'S GUIDE

**CRUISING ALTITUDES - U.S.**  
IFR within controlled airspace as assigned by ATC  
All courses are magnetic

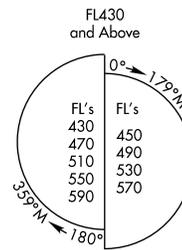


VFR or VFR On Top add 500'

No VFR flights within Class A Airspace above 3000' AGL unless otherwise authorized by ATC



No VFR or VFR On Top authorized above FL285 in RVSM airspace



US H-2 (BLACK PLATE) US H-2 (BROWN PLATE) US H-2 (BLUE PLATE) US H-2 (GREEN PLATE)

**TRIM LINE**