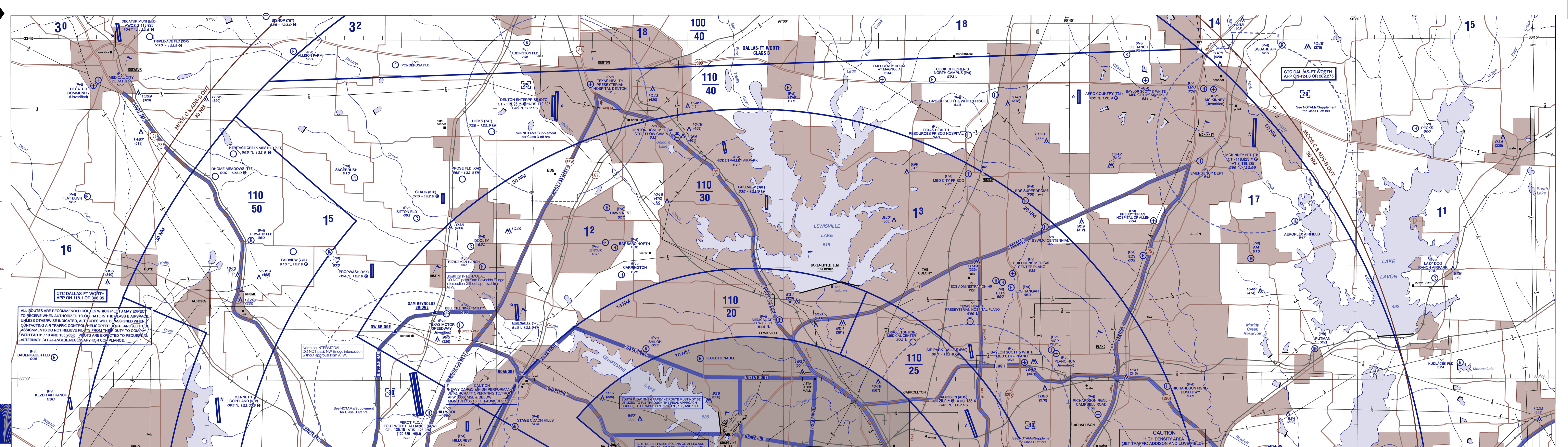
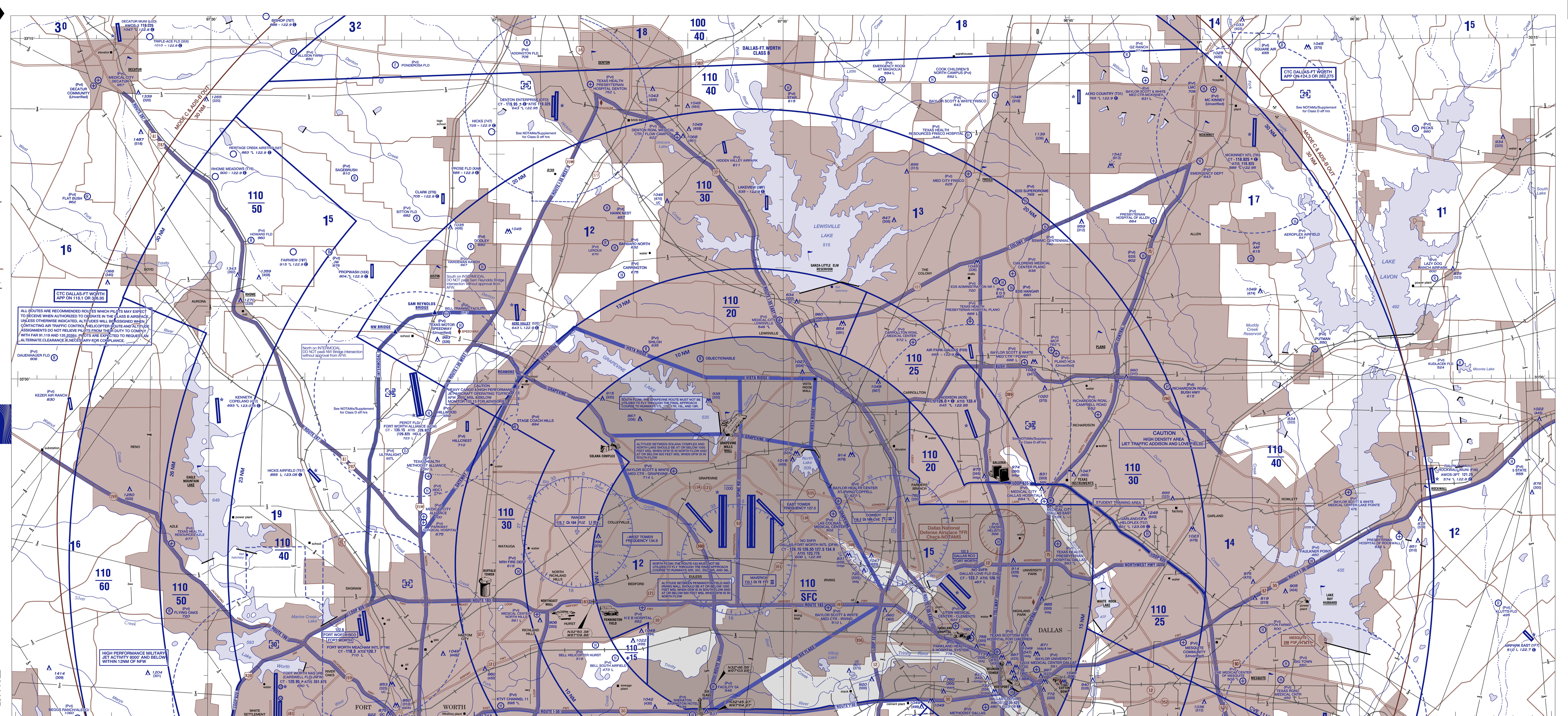
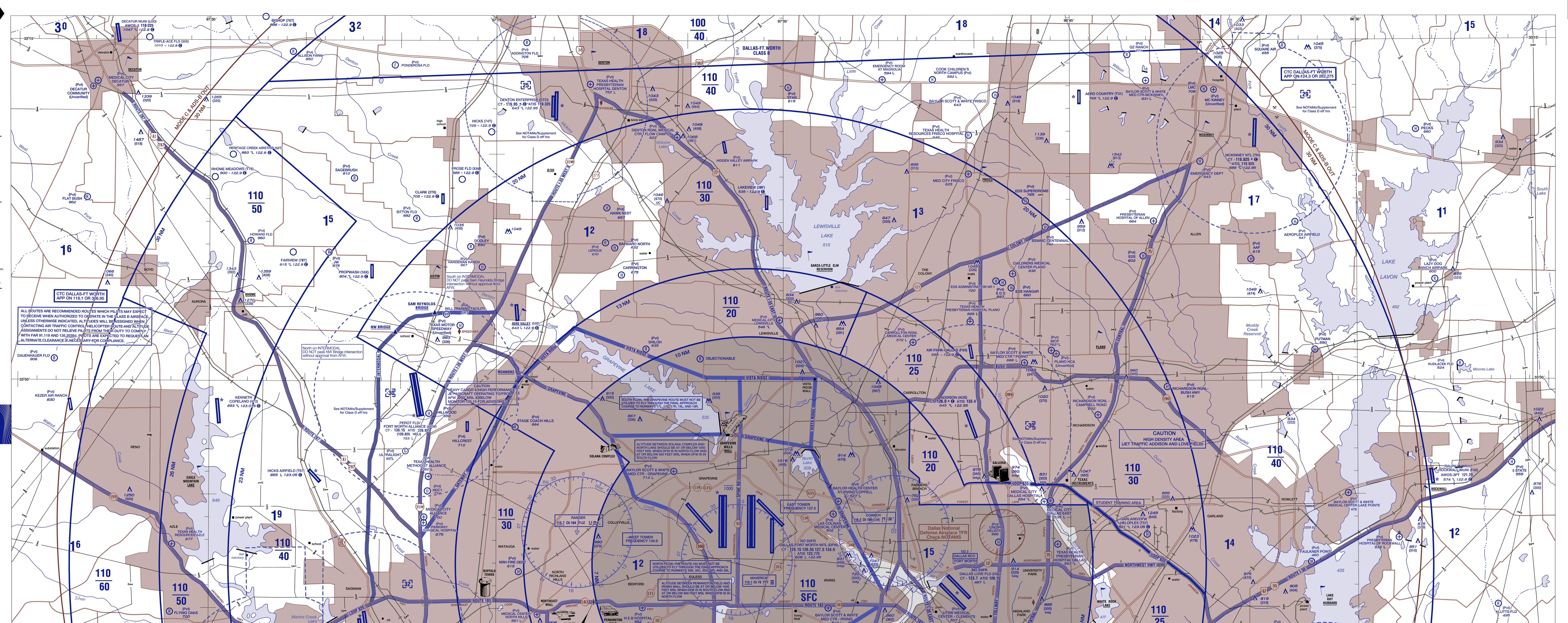


This map illustrates the Dallas-Fort Worth Class 5 area, highlighting Class 5 and Class 6 boundaries, Class 5 off-peak routes, and various medical facilities. The map includes a grid of Class 5 and Class 6 boundaries, with Class 5 off-peak routes indicated by dashed lines. Medical facilities are marked with blue dots and labeled, including the University of Texas Southwestern Medical Center, the University of Texas at Dallas, and the University of Texas at Arlington. The map also shows the locations of various hospitals, including the University of Texas Medical Branch at Galveston, the University of Texas Medical Branch at Houston, and the University of Texas Medical Branch at San Antonio. The map is titled "DALLAS-FT. WORTH CLASS 5" and includes a legend for Class 5 and Class 6 boundaries, Class 5 off-peak routes, and medical facilities.

[illegible][illegible][illegible]

This is a VFR sectional chart of the Dallas-Fort Worth area. The chart shows the following details:

- Airports:** Major airports include DFW (Dallas/Fort Worth International), Love Field (Dallas), and several smaller airports like Fort Worth Meacham, Fort Worth Meacham International, and various regional airports.
- Communication:** Frequencies for ATIS, Tower, and Unicom are provided for several airports. For example, DFW Tower is 135.1, 135.2, 135.3, 135.4, 135.5, 135.6, 135.7, 135.8, 135.9, 136.0, 136.1, 136.2, 136.3, 136.4, 136.5, 136.6, 136.7, 136.8, 136.9, 137.0, 137.1, 137.2, 137.3, 137.4, 137.5, 137.6, 137.7, 137.8, 137.9, 138.0, 138.1, 138.2, 138.3, 138.4, 138.5, 138.6, 138.7, 138.8, 138.9, 139.0, 139.1, 139.2, 139.3, 139.4, 139.5, 139.6, 139.7, 139.8, 139.9, 140.0, 140.1, 140.2, 140.3, 140.4, 140.5, 140.6, 140.7, 140.8, 140.9, 141.0, 141.1, 141.2, 141.3, 141.4, 141.5, 141.6, 141.7, 141.8, 141.9, 142.0, 142.1, 142.2, 142.3, 142.4, 142.5, 142.6, 142.7, 142.8, 142.9, 143.0, 143.1, 143.2, 143.3, 143.4, 143.5, 143.6, 143.7, 143.8, 143.9, 144.0, 144.1, 144.2, 144.3, 144.4, 144.5, 144.6, 144.7, 144.8, 144.9, 145.0, 145.1, 145.2, 145.3, 145.4, 145.5, 145.6, 145.7, 145.8, 145.9, 146.0, 146.1, 146.2, 146.3, 146.4, 146.5, 146.6, 146.7, 146.8, 146.9, 147.0, 147.1, 147.2, 147.3, 147.4, 147.5, 147.6, 147.7, 147.8, 147.9, 148.0, 148.1, 148.2, 148.3, 148.4, 148.5, 148.6, 148.7, 148.8, 148.9, 149.0, 149.1, 149.2, 149.3, 149.4, 149.5, 149.6, 149.7, 149.8, 149.9, 150.0, 150.1, 150.2, 150.3, 150.4, 150.5, 150.6, 150.7, 150.8, 150.9, 151.0, 151.1, 151.2, 151.3, 151.4, 151.5, 151.6, 151.7, 151.8, 151.9, 152.0, 152.1, 152.2, 152.3, 152.4, 152.5, 152.6, 152.7, 152.8, 152.9, 153.0, 153.1, 153.2, 153.3, 153.4, 153.5, 153.6, 153.7, 153.8, 153.9, 154.0, 154.1, 154.2, 154.3, 154.4, 154.5, 154.6, 154.7, 154.8, 154.9, 155.0, 155.1, 155.2, 155.3, 155.4, 155.5, 155.6, 155.7, 155.8, 155.9, 156.0, 156.1, 156.2, 156.3, 156.4, 156.5, 156.6, 156.7, 156.8, 156.9, 157.0, 157.1, 157.2, 157.3, 157.4, 157.5, 157.6, 157.7, 157.8, 157.9, 158.0, 158.1, 158.2, 158.3, 158.4, 158.5, 158.6, 158.7, 158.8, 158.9, 159.0, 159.1, 159.2, 159.3, 159.4, 159.5, 159.6, 159.7, 159.8, 159.9, 160.0, 160.1, 160.2, 160.3, 160.4, 160.5, 160.6, 160.7, 160.8, 160.9, 161.0, 161.1, 161.2, 161.3, 161.4, 161.5, 161.6, 161.7, 161.8, 161.9, 162.0, 162.1, 162.2, 162.3, 162.4, 162.5, 162.6, 162.7, 162.8, 162.9, 163.0, 163.1, 163.2, 163.3, 163.4, 163.5, 163.6, 163.7, 163.8, 163.9, 164.0, 164.1, 164.2, 164.3, 164.4, 164.5, 164.6, 164.7, 164.8, 164.9, 165.0, 165.1, 165.2, 165.3, 165.4, 165.5, 165.6, 165.7, 165.8, 165.9, 166.0, 166.1, 166.2, 166.3, 166.4, 166.5, 166.6, 166.7, 166.8, 166.9, 167.0, 167.1, 167.2, 167.3, 167.4, 167.5, 167.6, 167.7, 167.8, 167.9, 168.0, 168.1, 168.2, 168.3, 168.4, 168.5, 168.6, 168.7, 168.8, 168.9, 169.0, 169.1, 169.2, 169.3, 169.4, 169.5, 169.6, 169.7, 169.8, 169.9, 170.0, 170.1, 170.2, 170.3, 170.4, 170.5, 170.6, 170.7, 170.8, 170.9, 171.0, 171.1, 171.2, 171.3, 171.4, 171.5, 171.6, 171.7, 171.8, 171.9, 172.0, 172.1, 172.2, 172.3, 172.4, 172.5, 172.6, 172.7, 172.8, 172.9, 173.0, 173.1, 173.2, 173.3, 173.4, 173.5, 173.6, 173.7, 173.8, 173.9, 174.0, 174.1, 174.2, 174.3, 174.4, 174.5, 174.6, 174.7, 174.8, 174.9, 175.0, 175.1, 175.2, 175.3, 175.4, 175.5, 175.6, 175.7, 175.8, 175.9, 176.0, 176.1, 176.2, 176.3, 176.4, 176.5, 176.6, 176.7, 176.8, 176.9, 177.0, 177.1, 177.2, 177.3, 177.4, 177.5, 177.6, 177.7, 177.8, 177.9, 178.0, 178.1, 178.2, 178.3, 178.4, 178.5, 178.6, 178.7, 178.8, 178.9, 179.0, 179.1, 179.2, 179.3, 179.4, 179.5, 179.6, 179.7, 179.8, 179.9, 180.0, 180.1, 180.2, 180.3, 180.4, 180.5, 180.6, 180.7, 180.8, 180.9, 181.0, 181.1, 181.2, 181.3, 181.4, 181.5, 181.6, 181.7, 181.8, 181.9, 182.0, 182.1, 182.2, 182.3, 182.4, 182.5, 182.6, 182.7, 182.8, 182.9, 183.0, 183.1, 183.2, 183.3, 183.4, 183.5, 183.6, 183.7, 183.8, 183.9, 184.0, 184.1, 184.2, 184.3, 184.4, 184.5, 184.6, 184.7, 184.8, 184.9, 185.0, 185.1, 185.2, 185.3, 185.4, 185.5, 185.6, 185.7, 185.8, 185.9, 186.0, 186.1, 186.2, 186.3, 186.4, 186.5, 186.6, 186.7, 186.8, 186.9, 187.0, 187.1, 187.2, 187.3, 187.4, 187.5, 187.6, 187.7, 187.8, 187.9, 188.0, 188.1, 188.2, 188.3, 188.4, 188.5, 188.6, 188.7, 188.8, 188.9, 189.0, 189.1, 189.2, 189.3, 189.4, 189.5, 189.6, 189.7, 189.8, 189.9, 190.0, 190.1, 190.2, 190.3, 190.4, 190.5, 190.6,

This is a detailed aeronautical chart of the Dallas-Fort Worth area, showing flight routes, airports, and navigation aids. The chart includes various symbols for airports, obstructions, and communication frequencies. It also features a grid of latitude and longitude coordinates and a scale bar.

**Key Features:**

- Flight Routes:** Indicated by blue lines with various symbols (circles, squares, triangles) representing different types of routes and altitudes.
- Airports:** Labeled with their names and IATA codes, including Dallas-Fort Worth International Airport (DFW), Fort Worth Meacham International Airport (FTW), and various smaller airports like Love Field and Addison.
- Obstructions:** Shown as black dots with numerical values indicating their height above ground level (AGL) or mean sea level (MSL).
- Navigation Aids:** Represented by various symbols, including VOR (Very High Frequency Omnidirectional Range) and VORTAC (Very High Frequency Omnidirectional Range/Tactical Channel).
- Communication:** Frequencies for ATIS (Automatic Terminal Information Service), Tower, Unicom, and other services are listed for various airports.
- Grid:** A grid of latitude and longitude coordinates is overlaid on the chart, with latitude marked in degrees and minutes (e.g., 32° 30' N) and longitude marked in degrees and minutes (e.g., 97° 00' W).
- Scale:** A scale bar at the bottom indicates distances in miles and kilometers.

The chart is a complex representation of the airspace around Dallas-Fort Worth, providing essential information for pilots and flight planners.

[illegible]

This is a detailed flight information chart for the Dallas-Fort Worth area. It shows various airports, flight paths, and navigation aids. The chart includes a legend for symbols and a scale bar.

**Legend:**

- Blue lines:** Flight paths and routes.
- Red lines:** Obstacles and terrain.
- Green lines:** Water bodies.
- Black lines:** Roads and boundaries.
- Yellow lines:** Railroads.
- Blue circles:** VORTAC stations.
- Red circles:** Obstacles.
- Green circles:** Water bodies.
- Black circles:** Roads and boundaries.
- Yellow circles:** Railroads.

**Scale:** 1 inch = 10 miles.

**Key Features:**

- Airports:** Dallas-Fort Worth International Airport (DFW), Fort Worth Meacham International Airport (FTW), and several smaller airports.
- Flight Paths:** Numerous routes are shown, including those for military and commercial aircraft.
- Navigation Aids:** VORTAC stations and other navigation aids are marked throughout the area.
- Obstacles:** Obstacles are marked with red circles and labeled with their MSL and AGL altitudes.
- Terrain:** Terrain is shown with brown shading and elevation contours.
- Water:** Water bodies are shown with green shading.
- Roads:** Major roads are shown with black lines.
- Railroads:** Railroads are shown with yellow lines.

This is a detailed aeronautical chart of the Dallas-Fort Worth area, showing flight paths, airports, and navigation aids. The chart includes various symbols for airports, obstructions, and communication frequencies. It also features a grid of latitude and longitude coordinates and a scale bar.

**Key Features:**

- Flight Paths:** Indicated by blue lines with arrows, showing recommended routes and altitudes.
- Airports:** Marked with circles and labels, including Dallas-Fort Worth International Airport (DFW), Fort Worth Meacham International Airport (FTW), and various smaller airports like Love Field and Addison.
- Obstructions:** Shown as small circles with numbers, indicating towers and other obstacles.
- Communication:** Frequencies for ATIS, Tower, Unicom, and other services are listed for various airports.
- Navigation Aids:** Symbols for VOR, VORTAC, and other navigation aids are present.
- Grid:** A grid of latitude and longitude coordinates is overlaid on the chart.
- Scale:** A scale bar is provided in the bottom left corner.

**Notes:**

- ALL ROUTES ARE RECOMMENDED ROUTES WHICH PILOTS MAY EXPECT TO RECEIVE WHEN AUTHORIZED TO OPERATE IN THE CLASS AIRSPACE UNLESS OTHERWISE INDICATED. ALTITUDES WILL BE ASSIGNED BY CONTACTING AIR TRAFFIC CONTROLLER. AIRCRAFT ROUTES AND ALTITUDE ASSIGNMENTS DO NOT RELY ON PILOTS FROM THEIR DUTY TO COMPLY WITH FAR 91.119 AND 91.153. PILOTS ARE EXPECTED TO REQUEST AN ALTERNATE CLEARANCE IF NECESSARY FOR COMPLIANCE.
- CAUTION: HIGH DENSITY AREA. (LET TRAFFIC ADDITION AND LOW LEVELS)
- CAUTION: ROUTES DIRECTED AND ALTITUDES ASSIGNED DO NOT ENDORSE.

This is a detailed aeronautical chart for the Dallas-Fort Worth Class E airspace. The chart displays a complex network of flight paths, including VOR, VORTAC, and GPS routes. Key airports shown include Dallas-Fort Worth International Airport (DFW), Fort Worth Meacham International Airport (FTW), and several smaller regional airports. The chart also depicts various obstructions, communication frequencies, and navigation aids. A grid of latitude and longitude coordinates is overlaid on the map, and a scale bar is provided for reference. The chart is titled "Dallas-Fort Worth Class E" and includes a legend for various symbols and abbreviations.

This is a detailed aeronautical chart of the Dallas-Fort Worth area, showing Class E airspace boundaries, altitudes, and various navigational aids. The chart includes labels for major airports like DFW, FORT, and DAL, as well as numerous smaller airports and obstructions. It also displays communication frequencies, terrain elevations, and various advisory information boxes.

**Key Features:**

- Airports:** DALLAS-FT WORTH (DFW), FORT WORTH MEADOWLAND (FTW), FORT WORTH SCHOLES (FWS), DALLAS LOVE FIELD (DAL), and many smaller airports.
- Obstructions:** Numerous towers and obstructions are marked with their MSL and AGL altitudes.
- Communication:** Frequencies for ATIS, Tower, Unicom, and other services are provided for various airports.
- Terrain:** Elevation contours and spot heights are shown throughout the area.
- Advisory Boxes:**
  - CAUTION:** HIGH DENSITY AREA (JET TRAFFIC ADDITION AND LOW FIELDS)
  - CAUTION:** HIGH PERFORMANCE MILITARY JET ACTIVITY 1000 AND BELOW WITHIN 12NM OF FFW
  - CAUTION:** ROUTES DEPICTED ARE ALTITUDES ASSIGNED DO NOT PROVIDE OBSTACLE CLEARANCE PROTECTION. PILOTS ARE RESPONSIBLE FOR BEING AWARE OF TERRAIN AND OBSTACLES. THIS CHART DOES NOT DEPICT COMPLETE OBSTACLE INFORMATION DUE TO THE HIGH CONCENTRATION OF OBSTACLES IN THE AREA. OBSTACLES AND OTHER FEATURES SUCH AS TOWERS, OBSTACLES, AND OTHER FEATURES ARE DEPICTED FOR LANDMARK VALUE ONLY.

The chart is a complex representation of the airspace, with various boundaries and altitudes indicated by different line styles and colors. It is essential for pilots to carefully study the chart and understand the various symbols and labels used.

This is a VFR sectional chart of the Dallas-Fort Worth area. The chart displays a dense network of flight paths, airports, and navigation aids. Key features include:

- Airports:** Numerous airports are shown, including Dallas-Fort Worth International Airport (DFW), Fort Worth Meacham International Airport (FTW), and various smaller regional airports like Love Field and Addison.
- Navigation Aids:** The chart includes VOR, VORTAC, and GPS stations, along with their respective frequencies and identifiers.
- Communication:** Frequencies for ATIS, Tower, Unicom, and other services are provided for various airports.
- Terrain and Obstacles:** Elevation contours and obstruction symbols (towers) are shown throughout the area.
- Landmarks:** Major bodies of water like Lake Tarrant and Lake Lewisville are depicted, along with major roads and highways.
- Flight Paths:** Various flight paths and routes are indicated, including those for military operations and general aviation.
- Obstructions:** Numerous obstruction symbols are scattered across the chart, indicating potential hazards to flight.
- Communication:** Frequencies for ATIS, Tower, Unicom, and other services are provided for various airports.
- Terrain and Obstacles:** Elevation contours and obstruction symbols (towers) are shown throughout the area.
- Landmarks:** Major bodies of water like Lake Tarrant and Lake Lewisville are depicted, along with major roads and highways.
- Flight Paths:** Various flight paths and routes are indicated, including those for military operations and general aviation.

The chart is a complex map with numerous labels and symbols for pilots. It includes various flight paths, obstructions, and landmarks like Lake Tarrant and Lake Lewisville. The chart is a detailed VFR sectional chart of the Dallas-Fort Worth area.

[illegible]

This is a detailed aeronautical chart of the Dallas-Fort Worth area, showing flight paths, altitudes, and various airports. The chart includes labels for major highways, cities, and specific flight procedures. It also features several text boxes with important information for pilots, such as "CAUTION: HIGH DENSITY AREA" and "CTC DALLAS-FORT WORTH".

The chart displays a complex network of flight paths, with altitudes ranging from 100 to 110 feet. Key airports shown include Dallas-Fort Worth International Airport (DFW), Fort Worth Meacham Field (FTW), and Dallas Love Field (DAL). The chart also includes labels for major highways, such as I-35, I-75, and I-20, and various cities and towns in the region.

Several text boxes provide important information for pilots:

- CAUTION: HIGH DENSITY AREA:** This box is located in the upper right quadrant of the chart and contains the text: "CAUTION: HIGH DENSITY AREA (GET TRAFFIC ADVISORY AND LOW FUEL)".
- CTC DALLAS-FORT WORTH:** This box is located in the lower left quadrant of the chart and contains the text: "CTC DALLAS-FORT WORTH APP ON 118.1 OR 363.5".
- CTC DALLAS-FORT WORTH:** This box is located in the lower right quadrant of the chart and contains the text: "CTC DALLAS-FORT WORTH APP ON 125.2 OR 343.66".

The chart also includes various other labels, such as "DALLAS", "FORT WORTH", "MEACHAM", and "LOVE FIELD", which identify specific locations and airports. The overall layout is a grid of flight paths and altitudes, with various symbols and labels indicating specific features and procedures.

This is a VFR sectional aeronautical chart for the Dallas-Fort Worth area. The chart displays a network of flight paths (blue lines) with associated altitudes (e.g., 110, 110/50, 110/60). Key features include:

- Obstacles:** Numerous towers and obstructions are marked with their MSL and AGL altitudes.
- Communication:** Frequencies for ATIS, Tower, Unicom, and other services are provided for various airports.
- Navigation:** VOR and VORTAC stations are indicated with their frequencies and identifiers.
- Weather:** Current and forecast weather data is shown for the area.
- Topography:** Elevation contours and spot heights are depicted.
- Landmarks:** Major roads, cities, and geographical features are labeled.
- NOTAMS:** Notices to Airmen are included for various airports and flight paths.
- CAUTION:** Several areas are marked with caution, indicating potential hazards or restricted airspace.

The chart is a detailed representation of the Dallas-Fort Worth VFR environment, providing essential information for pilots flying in the area.

CITY	HOSPITAL	LOCATION
ALLEN	PRESBYTERIAN	33° 07.02'N 96° 40.34'W
ARLINGTON	MEDICAL CENTER ARLINGTON	32° 41.55'N 97° 06.68'W
ARLINGTON	TEXAS HEALTH RESOURCES	32° 44.92'N 97° 07.38'W
AUREY	EMERGENCY ROOM AT MAGNOLIA	33° 13.22'N 96° 54.82'W
AZLE	TEXAS HEALTH RESOURCES	32° 52.80'N 97° 31.92'W
BEDFORD	H E B HOSPITAL	32° 50.01'N 97° 07.52'W
BEDFORD	NORTHEAST COMMUNITY HOSPITAL	32° 50.01'N 97° 07.52'W
BURLESON	TEXAS HEALTH RESOURCES	32° 50.85'N 97° 22.17'W
CARROLLTON	CARROLLTON RGML MEDICAL CENTER	33° 01.72'N 96° 53.22'W
DALLAS	BAYLOR UNIVERSITY MEDICAL CENTER DALLAS	32° 47.30'N 96° 46.81'W
DALLAS	MEDICAL CITY DALLAS EAST	32° 54.73'N 96° 46.05'W
DALLAS	MEDICAL CITY DALLAS HOSPITAL	32° 54.69'N 96° 46.50'W
DALLAS	METHODIST CHARLTON MEDICAL CENTER	32° 58.71'N 96° 52.67'W
DALLAS	METHODIST DALLAS MEDICAL CENTER	32° 45.63'N 96° 49.48'W
DALLAS	PARKLAND HEALTH & HOSPITAL SYSTEM	32° 48.68'N 96° 50.23'W
DALLAS	TEXAS HEALTH PRESBYTERIAN HOSPITAL DALLAS	32° 52.82'N 96° 45.68'W
DALLAS	TEXAS SCOTTISH RITE HOSPITAL FOR CHILDREN	32° 48.06'N 96° 48.95'W
DALLAS	VETERANS ADMINISTRATION	32° 41.50'N 96° 47.20'W
DALLAS	UTSW MEDICAL CENTER	32° 49.23'N 96° 51.02'W
DECATUR	COMMUNITY	33° 13.02'N 97° 36.02'W
DECATUR	REGIONAL HEALTH SYSTEM	33° 13.13'N 97° 15.50'W
DENTON	DENTON RGML CTR - FLOW CAMPUS	33° 10.68'N 97° 05.56'W
DENTON	TEXAS HEALTH PRESBYTERIAN HOSPITAL DENTON	33° 13.08'N 97° 10.10'W
FT. WORTH	BAYLOR SCOTT & WHITE ALL SAINTS FT WORTH	33° 43.87'N 97° 20.80'W
FT. WORTH	COOK CHILDREN'S MEDICAL CENTER	32° 44.30'N 97° 20.47'W
FT. WORTH	HARRIS METHODIST SOUTHWEST HELISTOP	32° 44.21'N 97° 20.29'W
FT. WORTH	HARRIS METHODIST SW	32° 49.41'N 97° 23.80'W
FT. WORTH	JOHN PETER SMITH EMAS BUILDING	32° 43.62'N 97° 19.60'W
FT. WORTH	MEDICAL CITY ALLIANCE	32° 54.01'N 97° 18.76'W
FT. WORTH	PARKWAY SURGICAL	32° 53.46'N 97° 18.47'W
FT. WORTH	PLAZA MEDICAL CENTER	32° 44.08'N 97° 20.70'W
FT. WORTH	TEXAS HEALTH HUGULEY HOSPITAL	32° 53.26'N 97° 19.11'W
FT. WORTH	TEXAS HEALTH METHODIST ALLIANCE	32° 55.80'N 97° 18.53'W
GRAND PRAIRIE	MED CITY RISCO	33° 09.01'N 96° 50.31'W
GRAPEVINE	DALLAS/FORT WORTH MEDICAL CENTER	33° 43.97'N 97° 03.02'W
IRVING	BAYLOR SCOTT & WHITE MED CTR - GRAPEVINE	32° 56.05'N 97° 07.72'W
IRVING	BAYLOR HEALTH CENTER AT IRVING COPPELL	32° 52.78'N 96° 57.15'W
IRVING	BAYLOR SCOTT & WHITE MED CTR - IRVING	32° 50.08'N 96° 57.71'W
IRVING	MEDICAL CITY	32° 02.65'N 97° 00.32'W
IRVING	METHODIST MANSFIELD MEDICAL CENTER	32° 54.03'N 97° 05.73'W
IRVING	BAYLOR MEDICAL CENTER	33° 13.13'N 96° 41.00'W
IRVING	EMERGENCY DEPT	33° 09.66'N 96° 38.18'W
IRVING	MEDICAL CENTER	33° 11.80'N 96° 37.70'W
IRVING	COMMUNITY	32° 48.40'N 96° 39.30'W
IRVING	MEDICAL CENTER	32° 46.75'N 96° 36.07'W
IRVING	METHODIST MEDICAL CENTER	32° 48.23'N 96° 38.28'W
IRVING	MEDICAL CENTER	32° 49.58'N 97° 12.77'W
IRVING	BAYLOR SCOTT & WHITE MED CTR - PLANO	33° 00.81'N 96° 47.40'W
IRVING	CHILDREN'S MEDICAL CENTER PLANO	33° 04.73'N 96° 48.01'W
IRVING	TEXAS HEALTH PRESBYTERIAN	33° 02.61'N 96° 50.25'W
IRVING	UTCA MEDICAL CENTER	33° 01.27'N 96° 45.97'W
IRVING	MCP	33° 01.36'N 96° 46.00'W
IRVING	COOK CHILDREN'S NORTH CAMPUS	33° 12.28'N 96° 52.18'W
IRVING	RICHARDSON RGML	32° 58.51'N 97° 43.56'W
IRVING	PRESBYTERIAN HOSPITAL OF ROCKWALL	32° 53.07'N 97° 27.87'W
IRVING	BAKER SCOTT & WHITE MEDICAL CENTER - LAKE POINTE	32° 55.04'N 96° 50.51'W
IRVING	TEXAS HEALTH CENTER	32° 44.70'N 97° 39.70'W

### CONTROL TOWER FREQUENCIES ON DALLAS-FT WORTH HELICOPTER ROUTE CHART

Airports with control towers are indicated on the face of the chart by the letters CT followed by the primary VHF/UHF tower frequency(s). Additional information is listed in the table below. Operational hours are local time. The primary VHF and UHF tower and ground control frequencies are listed.

Automatic Terminal Information Service (ATIS) frequencies shown on the face of the chart are arrival VHF/UHF frequencies. All ATIS frequencies are listed in the table below. ATIS operational hours may differ from tower operational hours.

\*"MON-FRI" indicates Monday through Friday.  
 O/T indicates other times.

CLASS B, CLASS C, TRSA, AND SELECTED APPROACH CONTROL FREQUENCIES		
FACILITY	FREQUENCIES	SERVICE AVAILABILITY
DALLAS-FORT WORTH CLASS B	118.1 (306.95' IN)	CONTINUOUS
	125.975 (379' IN)	
	124.3 (282.275' IN)	
	125.2 (343.65' IN)	

*ARINC Helo Traffic Monitoring Frequency - 123.02
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Features normally used as checkpoints for controlling VFR traffic are emphasized on this series of charts so they may be readily identified.
Example:  POWER PLANT
The name shown is that used by the controlling personnel and is not necessarily the official name of the feature.

Lambert Conformal Conic Projection Standard Parallels 33° and 45°  
Horizontal Datum: North American Datum of 1983 (World Geodetic System 1984)

EXAMPLES OF CLASS B ALTITUDES
70 --- Ceiling in hundreds of feet MSL
30 --- Floor in hundreds of feet MSL

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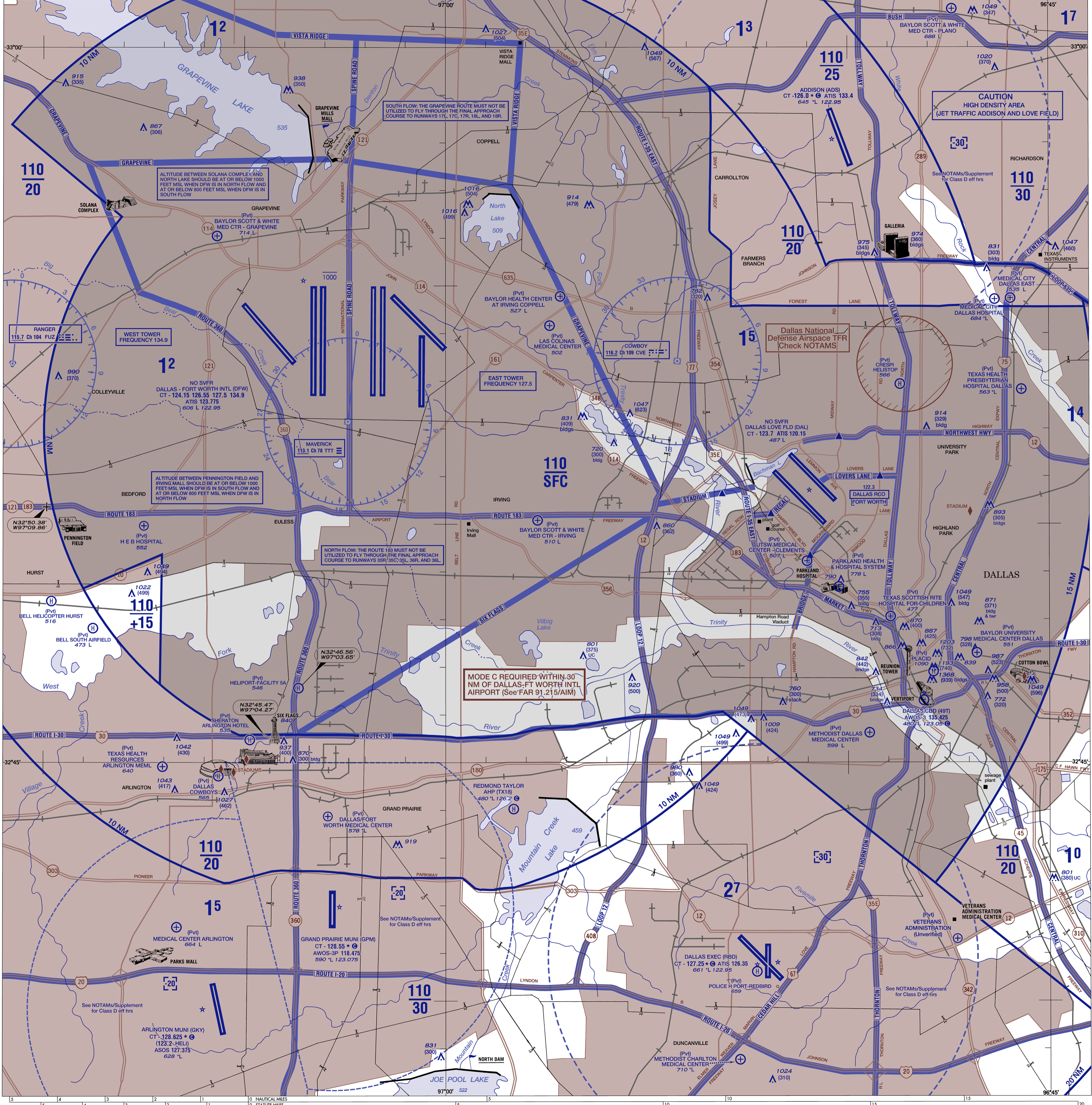
REPORTING CHART ERRORS—  
You are requested to inform us of chart errors and/or additions that come to your attention while using this chart. See frequently asked questions (FAQs) on our website at <http://faa.gov/gaifals> prior to contacting us via toll free number at 1-800-638-8877 or visit [https://www.faa.gov/air\\_traffic/light\\_info/aeronav/data/](https://www.faa.gov/air_traffic/light_info/aeronav/data/) or mail to: FAA, Aeronautical Information Services, 1305 East-West Highway, SSMC 4, Suite 4400, Silver Spring, MD 20910-3281.

ATTENTION—  
THIS CHART CONTAINS MAXIMUM ELEVATION FIGURES (MEF). The Maximum Elevation Figures shown in quadrangles bounded by ticked lines of latitude and longitude are represented in THOUSANDS and HUNDREDS of feet above mean sea level. The MEF is based on information available concerning the highest known feature in each quadrangle, including terrain and obstructions (trees, towers, antennas, etc.).  
Example: 12,500 feet ..... 12<sup>5</sup>

NORTH AMERICAN AEROSPACE DEFENSE COMMAND (NORAD) PROCEDURES  
All aircraft operating in the U.S. national airspace, if capable, will maintain a listening watch on guard frequencies VHF 121.5 or UHF 243.0. It is incumbent upon all aviators to know and understand their responsibilities if intercepted. Review "AIM" section 5-6-13 for intercept procedures. Additionally, if U.S. military fighter jets intercept an aircraft and fires are dispersed in the area of that aircraft, aviators will pay strict attention, contact air traffic control immediately on the local frequency or on VHF guard 121.5 or UHF 243.0 and follow the interceptor visual ICAO signals. Be advised that non-compliance may result in the use of force.

Class E Airspace within the United States extends to 14,500 feet MSL. At and above this altitude all airspace is within Class E airspace, excluding the airspace less than 1500 feet above the terrain and certain special use airspace areas.

DALLAS-LOVE INSET  
SCALE 1:90,000



DESCRIPTION OF DFW METROPLEX HELICOPTER ROUTES

EAST-WEST ROUTES

BUSH: FROM THE INTERSECTION OF HIGHWAY 78 AND HIGHWAY 190, WEST ON HIGHWAY 190 TO THE INTERSECTION OF I-35 EAST.  
I-20: BEGINNING AT WEST EDGE OF CHART AND I-20, PROCEED EAST ON I-20 TO EAST EDGE OF CHART AND I-20.  
I-30: BEGINNING AT THE I-20-I-30 INTERSECTION WEST OF FORT WORTH, PROCEED EAST ON I-30 TO THE EAST EDGE OF CHART NEAR ROCKWALL.  
ROUTE-183: BEGINNING AT THE I-35 WEST AND NORTH LOOP- 820, PROCEED EAST ON HIGHWAY 183 (AIRPORT FREEWAY) TO THE INTERSECTION OF LOOP-12 AND HIGHWAY 183, THEN ALONG THE FREEWAY DIRECT TO THE INTERCHANGE AT I-35 EAST. [NOTE: ALTITUDE BETWEEN PENNINGTON FIELD AND IRVING MALL (BELT LINE ROAD) SHOULD BE AT OR BELOW 1000 FEET MSL WHEN DFW IS IN SOUTH FLOW AND AT OR BELOW 800 FEET MSL WHEN DFW IS IN NORTH FLOW.]

VISTA RIDGE: FROM HOANOKIE PROCEED TO THE NORTHWEST CORNER OF GRAPEVINE LAKE. PROCEED ALONG THE NORTH SHORE OF GRAPEVINE LAKE TO A POINT NORTH OF THE GRAPEVINE GOLF COURSE (NORTH END OF GRAPEVINE RESERVOIR DAM), THEN DIRECT TO VISTA RIDGE MALL. PROCEED SOUTH TO THE NORTH LAKE. [NOTE: EASTBOUND ODD ALTITUDES, WESTBOUND EVEN ALTITUDES.]

NORTH-SOUTH ROUTES

CENTRAL: FROM THE SOUTH EDGE OF THE CHART AND I-45, NORTH ON I-45 TO NORTH CENTRAL EXPRESSWAY (HIGHWAY 75), NORTH ON HIGHWAY 75 TO THE INTERSECTION OF HIGHWAY 121. (AIRPORT FREEWAY) TO THE INTERSECTION OF LOOP-12 AND THE TOLLWAY, NORTH ALONG THE DALLAS NORTH TOLLWAY TO THE INTERSECTION OF HIGHWAY 121.  
DALLAS TOLLWAY: FROM I-35 EAST AND I-30 (NEAR DALLAS VERTIPORT), NORTHWEST ON I-35 EAST TO THE INTERSECTION WITH I-35 IN DENTON.  
I-35 EAST: FROM I-35 EAST AND I-30 (NEAR DALLAS VERTIPORT), NORTHWEST ON I-35 EAST TO THE INTERSECTION WITH I-35 IN DENTON.  
LOOP-12: BEGINNING AT THE INTERSECTION OF HIGHWAY 408 AND I-20, PROCEED NORTH ON 408 AND LOOP-12 TO I-35 EAST (NORTH OF THE INTERSECTION OF LOOP-12 AND HIGHWAY 183).  
LOOP-635: BEGINNING AT LOOP-635 AND I-20, PROCEED NORTH AND NORTHWEST ON LOOP-635 TO THE NORTH DALLAS TOLLWAY (GALLERIA).  
ROUTE-360: FROM THE INTERSECTION OF HIGHWAY 360 AND HIGHWAY 287, NORTH ON HIGHWAY 360 TO THE INTERSECTION OF HIGHWAY 121, WEST ALONG 360 BEAR CREEK TO THE RAILROAD TRACK, THEN DIRECT TO THE SOLANA COMPLEX.  
SPINE ROAD: BEGINNING AT THE VISTA RIDGE ROUTE, PROCEED SOUTH TO THE GRAPEVINE MILLS MALL, THEN ALONG THE INTERNATIONAL PARKWAY TO THE INTERSECTION OF ROUTE 183 [NOTE: ALTITUDE SHOULD BE AT OR BELOW 1000 FEET MSL.]

DIAGONAL ROUTES

CEDEAR HILL: FROM THE INTERSECTION OF I-35 EAST AND HIGHWAY 67 SOUTH-WEST ALONG HIGHWAY 67 TO THE INTERSECTION OF HIGHWAY 287 IN MIDLOTHAN.  
GRAPEVINE: BEGINNING AT THE INTERSECTION OF LOOP-12 AND HIGHWAY 183, PROCEED NORTH-WEST TO THE NORTH LAKE. PROCEED TO GRAPEVINE MILLS MALL, THEN DIRECT TO THE SOLANA COMPLEX. [NOTE: ALTITUDES BETWEEN THE SOLANA COMPLEX AND THE NORTH LAKE SHOULD BE AT OR BELOW 1000 FEET MSL WHEN DFW IS IN NORTH FLOW, AND AT OR BELOW 800 FEET MSL WHEN DFW IS IN SOUTH FLOW.] PROCEED ALONG HIGHWAY 114 TO I-35 AND THE TEXAS MOTOR SPEEDWAY.

MANSFIELD: FROM THE INTERSECTION OF I-20 AND HIGHWAY 287, SOUTH-EAST ALONG HIGHWAY 287 TO THE INTERSECTION OF HIGHWAY 67 IN MIDLOTHAN.  
SIX FLAGS: BEGINNING AT HIGHWAY 360 AND I-30, PROCEED DIAGONALLY NORTH-EAST TO THE INTERSECTION OF LOOP-12 AND HIGHWAY 183.

DALLAS-LOVE  
ARRIVAL/DEPARTURE ROUTES

[NOTE: ALL ROUTES INTO AND OUT OF THE DALLAS-LOVE FIELD ARE NOISE SENSITIVE. RECOMMENDED ARRIVAL ALTITUDE IS 1500 MSL. AS LONG AS PRACTICAL, CONSIDER ALL APPROPRIATE METHODS OF NOISE REDUCTION WHEN OPERATING ON THESE ROUTES.]  
BRIDGE: FROM OVER THE INWOOD ROAD/HAMPTON BRIDGE ON THE TRINITY RIVER PROCEED NORTH ALONG INWOOD TO STEWAMONS FREEWAY, THENCE DIRECT TO THE INTERSECTION OF MOCKINGBIRD LANE AND HARRY HINES BOULEVARD (IDENTIFIED BY THE TWO LOOPED CLOVELEAF ROUTES ON THE WEST SIDE OF HARRY HINES). HOLD FOR FURTHER CLEARANCE. THE PREFERENTIAL ROUTING TO THE AIRPORT IS VIA MOCKINGBIRD LANE.  
LOVERS LANE: FROM THE TOLLWAY ALONG LOVERS LANE TO INWOOD ROAD AND HOLD FOR FURTHER CLEARANCE. FROM INWOOD ROAD THE PREFERENTIAL ROUTING TO THE AIRPORT IS VIA LOVERS LANE.  
MARKET: FROM OVER MARKET HALL (INTERSECTION OF STEWAMONS FREEWAY AND THE DALLAS NORTH TOLLWAY) PROCEED NORTHWEST VIA STEWAMONS TO INWOOD ROAD, THENCE DIRECT TO THE INTERSECTION OF MOCKINGBIRD LANE AND HARRY HINES BOULEVARD (IDENTIFIED BY THE TWO LOOPED CLOVELEAF ROUTES ON THE WEST SIDE OF HARRY HINES). HOLD FOR FURTHER CLEARANCE. THE PREFERENTIAL ROUTING TO THE AIRPORT IS VIA MOCKINGBIRD LANE.  
NORTHWEST HWY: FROM THE INTERSECTION OF NORTHWEST HIGHWAY AND THE DALLAS NORTH TOLLWAY PROCEED WEST ALONG NORTHWEST HIGHWAY (LOOP-12) TO MIDWAY ROAD AND HOLD FOR FURTHER CLEARANCE. FROM MIDWAY ROAD THE PREFERENTIAL ROUTING TO THE AIRPORT IS VIA NORTHWEST HIGHWAY TO INTERCEPT FINAL AND STRAIGHT- IN TO RUNWAY 18.  
REGAL: FROM OVER STEWAMONS FREEWAY PROCEED EASTBOUND ALONG REGAL ROW TO HARRY HINES BOULEVARD AND HOLD FOR FURTHER CLEARANCE. THE PREFERENTIAL ROUTING TO THE AIRPORT IS VIA BURBANK. (BURBANK IS THE EXTENSION OF REGAL ROW EAST OF HARRY HINES).  
STADIUM: FROM OVER THE INTERSECTION OF LOOP-12 AND HIGHWAY 183 PROCEED EASTBOUND DIRECT TO THE FISHING HOLE (SKIL LAKE) AND HOLD FOR FURTHER CLEARANCE. FROM THE FISHING HOLE THE PREFERENTIAL ROUTING TO THE AIRPORT IS VIA SHORECREST.  
THE DEPARTURE ROUTES SHALL BE THE REVERSE OF THE ARRIVAL ROUTES EXCEPT WHEN DEPARTING ON TOLLWAY ROUTE WHEN TRAFFIC IS IN A SOUTHEASTERLY FLOW (I-35/R). THEN DEPARTURE MAY BE VIA MOCKINGBIRD LANE UNTIL REACHING THE TOLLWAY.

\*ARINC Helo Traffic Monitoring Frequency - 123.02  
CAUTION: ROUTES DEPICTED AND ALTITUDES ASSIGNED DO NOT PROVIDE OBSTACLE CLEARANCE PROTECTION. PILOTS ARE RESPONSIBLE FOR SEEING AND AVOIDING TERRAIN AND OBSTACLES. THIS CHART DOES NOT DEPICT COMPLETE OBSTACLE INFORMATION DUE TO THE HIGH CONCENTRATION OF OBJECTS IN THE AREA. OBSTACLES AND OTHER FEATURES SUCH AS POWER TRANSMISSION LINES AND PROMINENT STRUCTURES ARE DEPICTED FOR LANDMARK VALUE ONLY.

ALL ROUTES ARE RECOMMENDED ROUTES WHICH PILOTS MAY EXPECT TO RECEIVE WHEN AUTHORIZED TO OPERATE IN THE CLASS B AIRSPACE. UNLESS OTHERWISE INDICATED, ALTITUDES WILL BE ASSIGNED WHEN CONTACTING AIR TRAFFIC CONTROL. HELICOPTER ROUTE AND ALTITUDE ASSIGNMENTS DO NOT RELIEVE PILOTS FROM THEIR DUTY TO COMPLY WITH FAR 91.119 AND 135.203(b). PILOTS ARE EXPECTED TO REQUEST AN ALTERNATE CLEARANCE IF NECESSARY FOR COMPLIANCE.

CAUTION: This chart is primarily designed for VFR navigational purposes and does not purport to indicate the presence of all power transmission and telecommunication lines, terrain or obstacles which may be encountered below reasonable and safe altitudes.

CAUTION: Unmanned Aircraft Systems (UAS) may be approved to operate above critical infrastructure including obstacles and linear features such as high-voltage powerlines, pipelines and railroads. Check NOTAMs and see AIM for details.