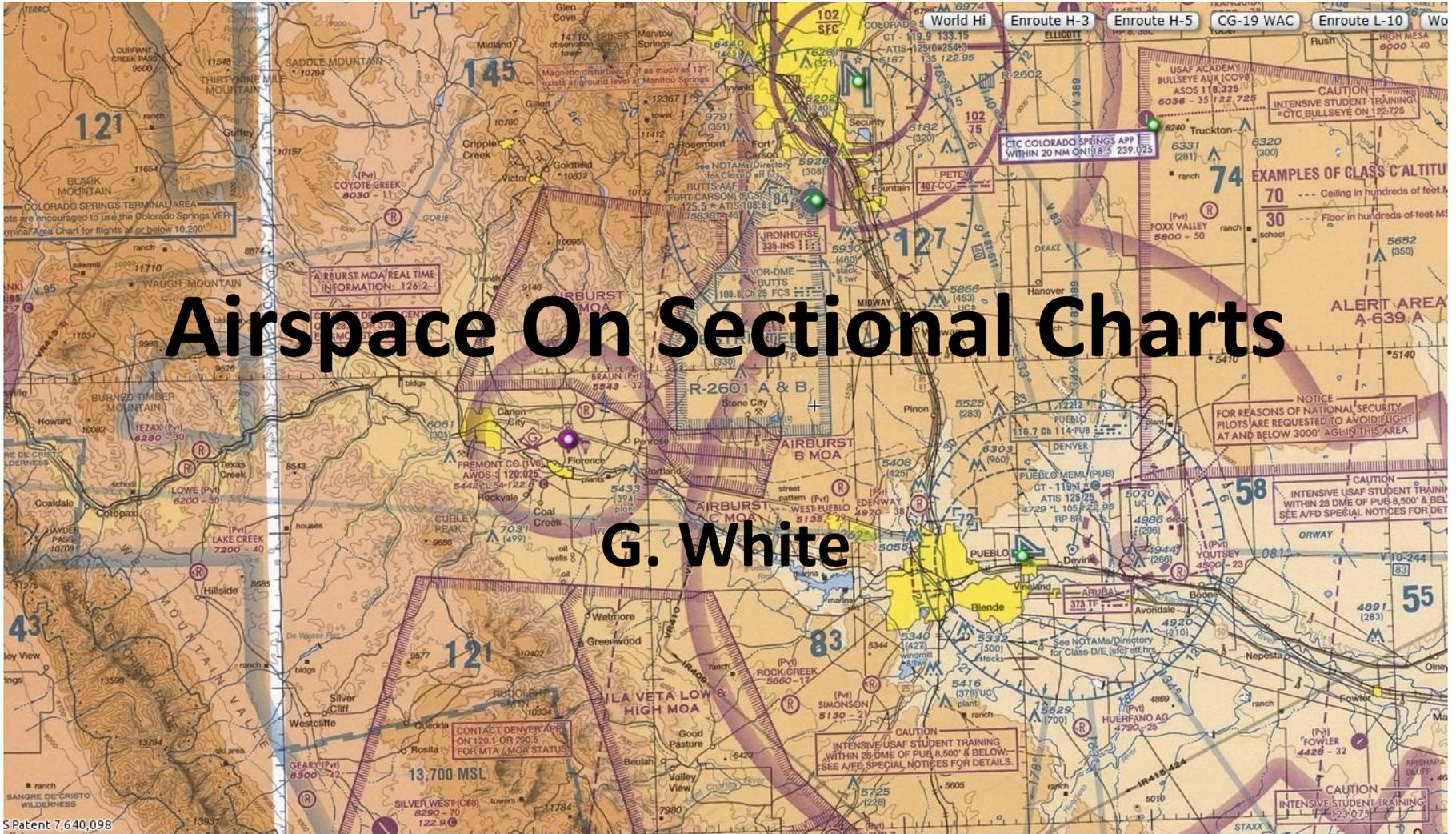


# Airspace On Sectional Charts

G. White



# Airspace Recognition on Sectionals

- Does Not Cover:
  - WX
  - Communication
  - Clearances
  - Equipment
  - Speed
- For These See Airspace Link on My Website
  - <http://w5gw.com/images/Airspace.pdf>

# Class A

- Not Depicted on Sectional Charts
- IFR Only
- Private Pilot
- 18,000' to 60,000' MSL
  - Referred to as Flight Level, in Hundreds of Feet
  - E.g., FL 350 = 35,000'

Drop the hundreds digits

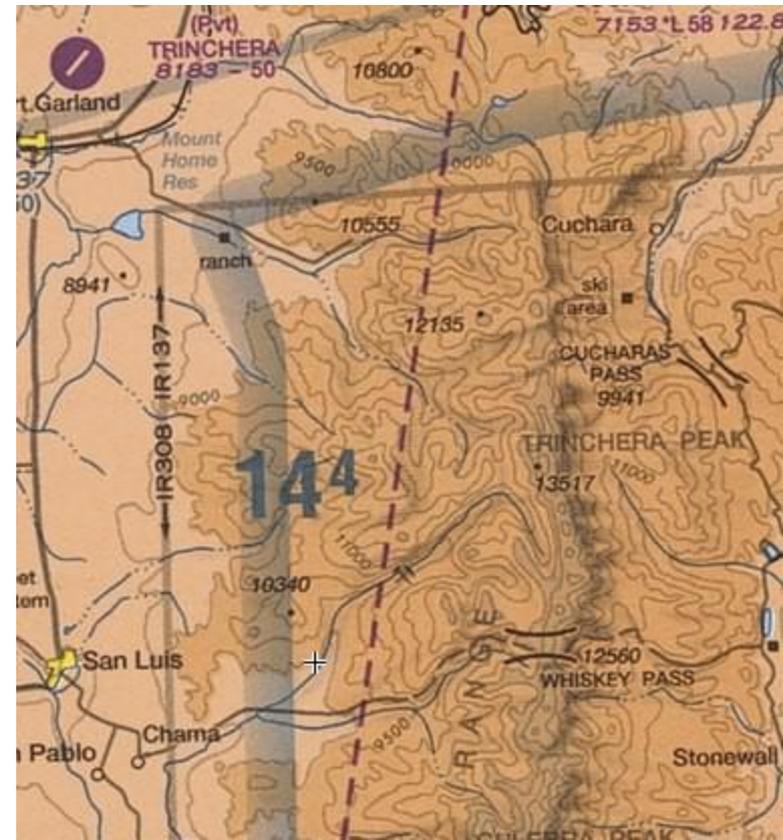


# Class G

- The Only 'Uncontrolled' Airspace
- Nominally Surface to 1200' AGL
  - May Extend to Higher Altitude (up to 14,500') in Sparsely Populated Areas
- Technically, Not Depicted on Sectional Chart, But

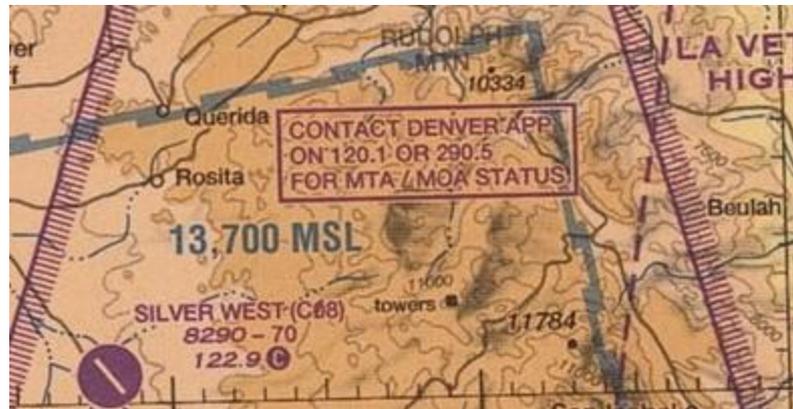
# Class G (cont.)

- The Blue Shaded Line Shows Class E Floor
  - On 'Hard' Side E Down to 14,500' MSL
  - On 'Soft' Side Down to 1200' AGL



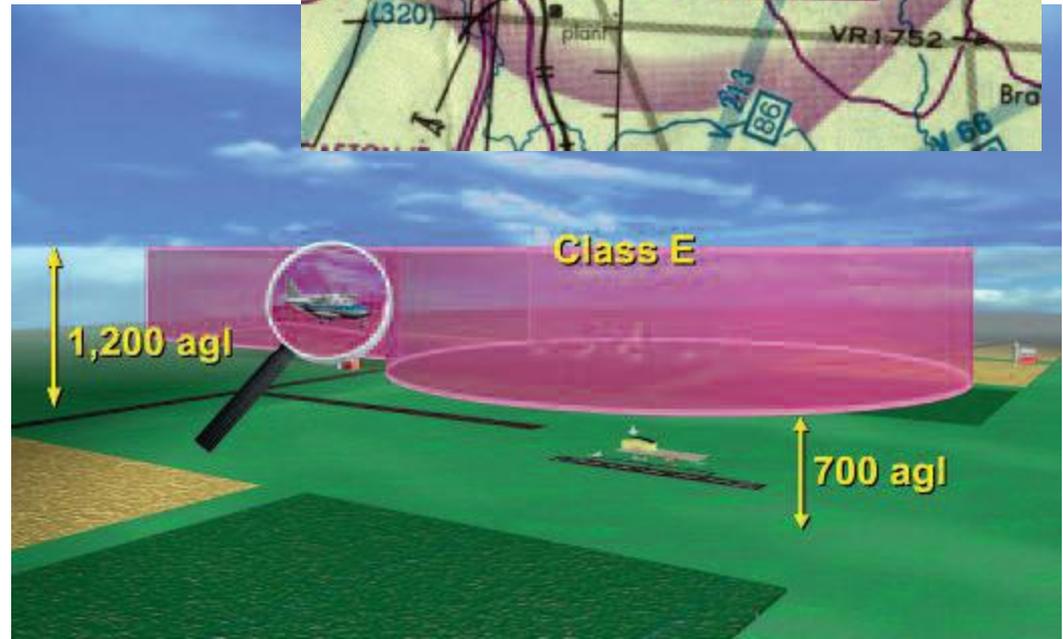
# Class G (cont.)

- May Also Have a Blue 'Zipper' For Other Altitudes
- Here the Base of Class E Goes Down to 13,700 MSL



# Class E

- Lower Normal Base to 700' AGL
  - Around Many Airports With No Control Towers



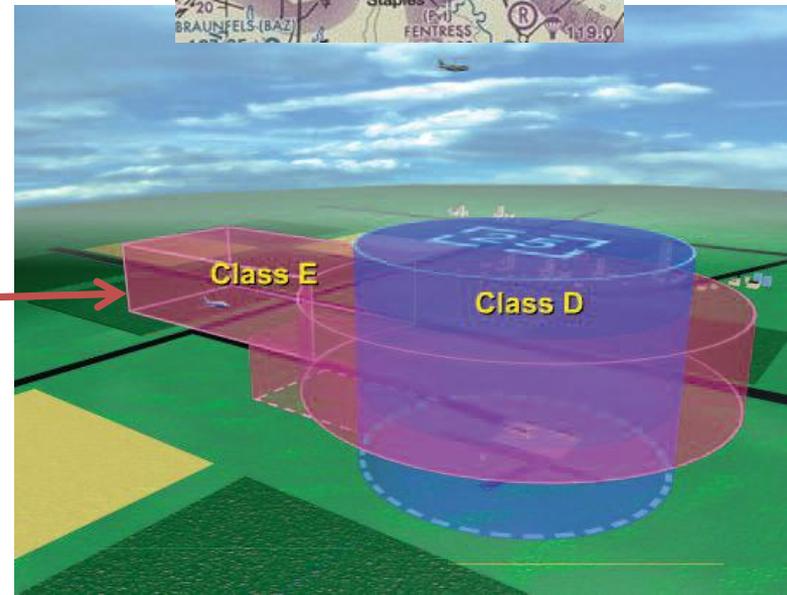
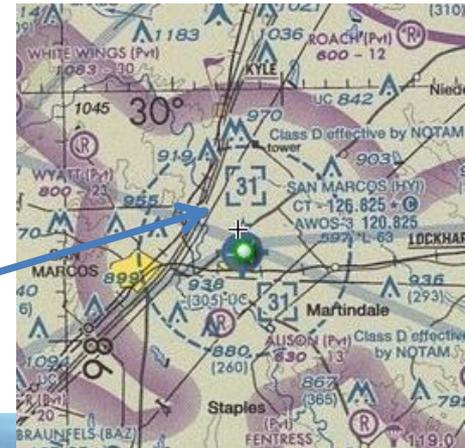
# Class E

- May Also Extend Base to Surface
  - Note Dashed Magenta
  - A weather observer or automated weather observation equipment (ASOS or AWOS) must be available at airports surrounded by surface-based Class E.



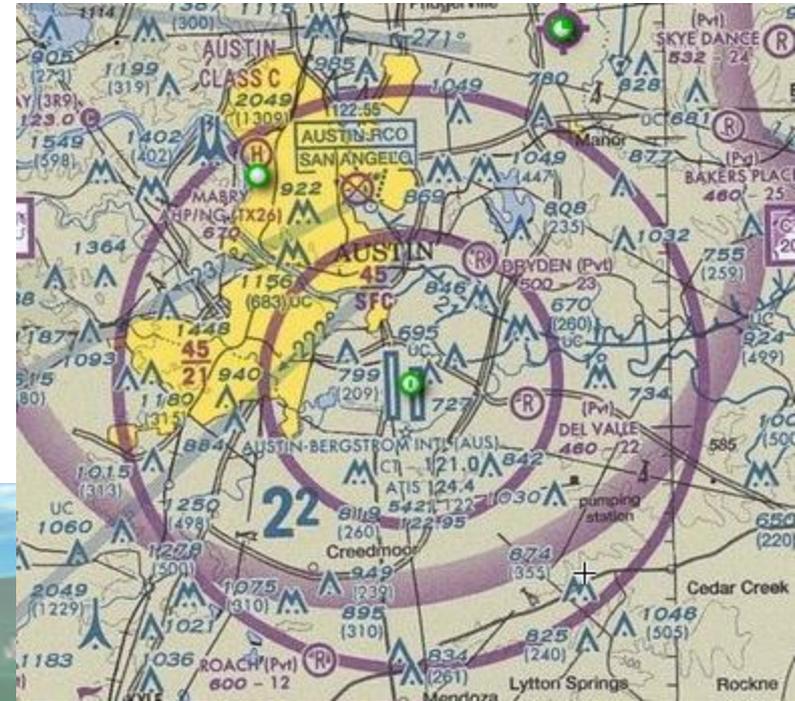
# Class D

- Dashed Blue Line Around Airports With Control Towers
- Surface to Nominally 2,500' AGL
  - See 31 in Brackets for KHYI
  - So D Airspace Extends from Surface to 3,100 MSL
  - Likely Includes a Class E Transition Zone



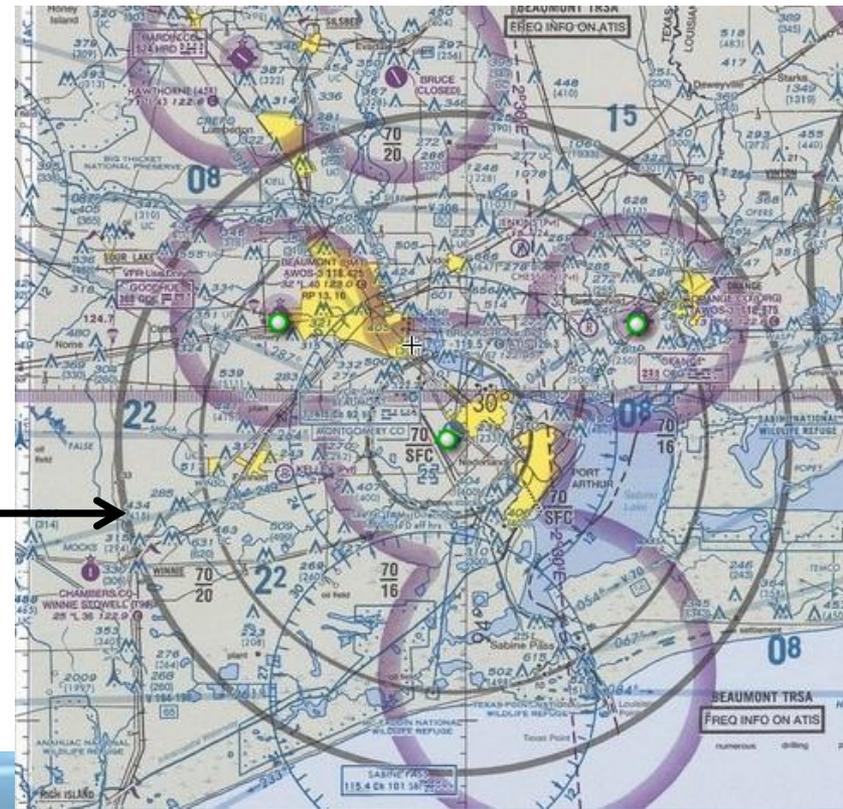
# Class C

- Magenta Solid Lines
  - Inner Circle to ~ 4,000' AGL
  - Outer Shelf
- Will Have TRACON
  - Approach and Departure Control



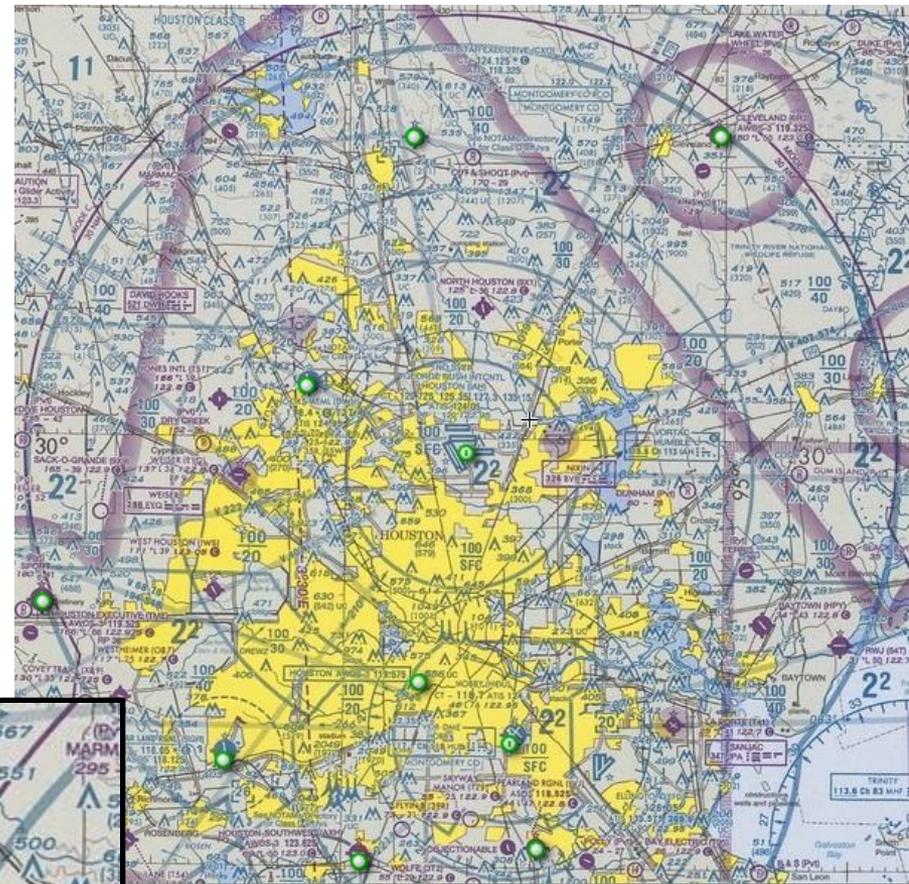
# TRSA

- Terminal Radar Service Area (TRSA)
- Black Lines
- Similar to Class C
  - Tower Has Responsibility for RADAR in Class D
  - TRACON Assists Tower
  - TRACON Responsible for TRSA
- Always Has a Class D Airport



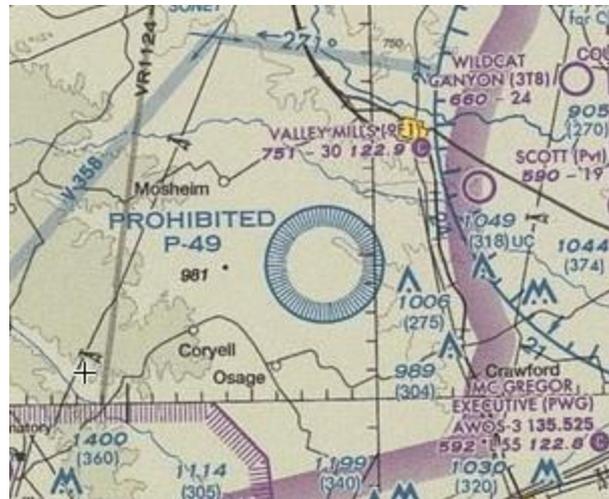
# Class B

- Solid Blue Lines
- Many Tiers and Shelf's
- Has 30 nm Mode C Veil
  - Solid Magenta



# SUA

- Special Use Airspace
  - E.g., Prohibited Areas
  - Use Legend for Altitude, Times and Controlling Agency, and Frequencies



**SPECIAL USE AIRSPACE ON SAN ANTONIO SECTIONAL AREA CHART**

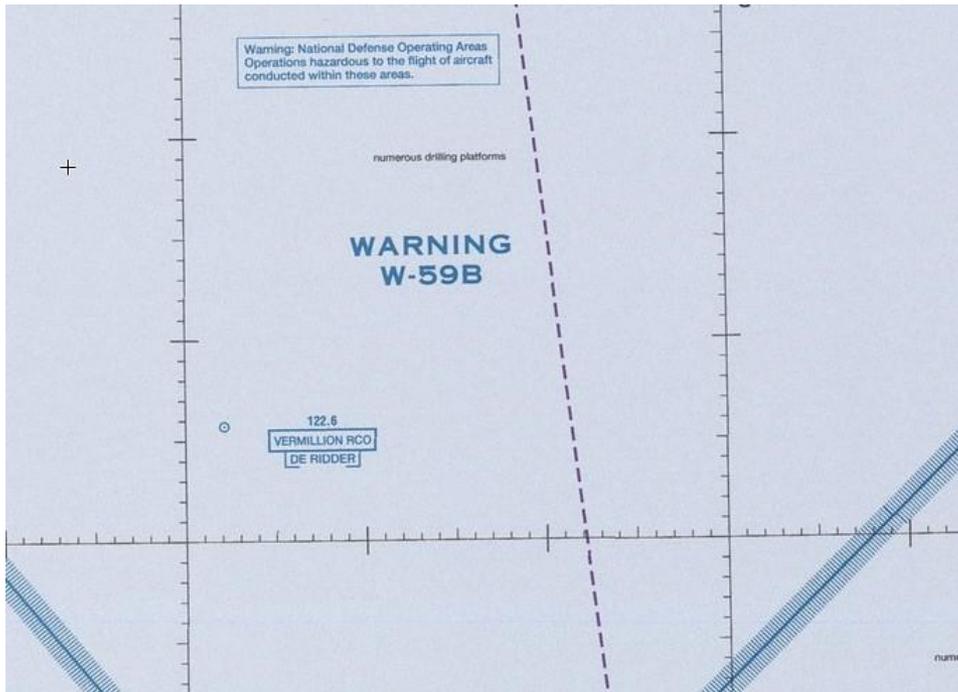
Unless otherwise noted altitudes are MSL and in feet. Time is local.  
 \*TO\* on altitude means "to and including."  
 FL - Flight Level  
 NO A/G - No air to ground communications.  
 Contact Flight Service for information.

† Other times by NOTAM.  
 NOTAM - Use of this term in Restricted Areas indicates FAA and DoD NOTAM systems. Use of this term in all other Special Use areas indicates the DoD NOTAM system.

U.S. P-PROHIBITED, R-RESTRICTED, W-WARNING, A-ALERT, MOA-MILITARY OPERATIONS AREA				
NUMBER	ALTITUDE	TIME OF USE	CONTROLLING AGENCY/ CONTACT FACILITY	FREQUENCIES
P-49	TO 2000	CONTINUOUS	NO A/G	
R-6302 A	TO 30,000	CONTINUOUS	HOUSTON CNTR	
R-6302 B	TO 11,000	1800-0600 MON-SAT	HOUSTON CNTR	
R-6302 C, D	TO 30,000	0700-1900 MON-FRI †	HOUSTON CNTR	
R-6312	TO FL 230	SR-55†	HOUSTON CNTR	

# SUA (cont.)

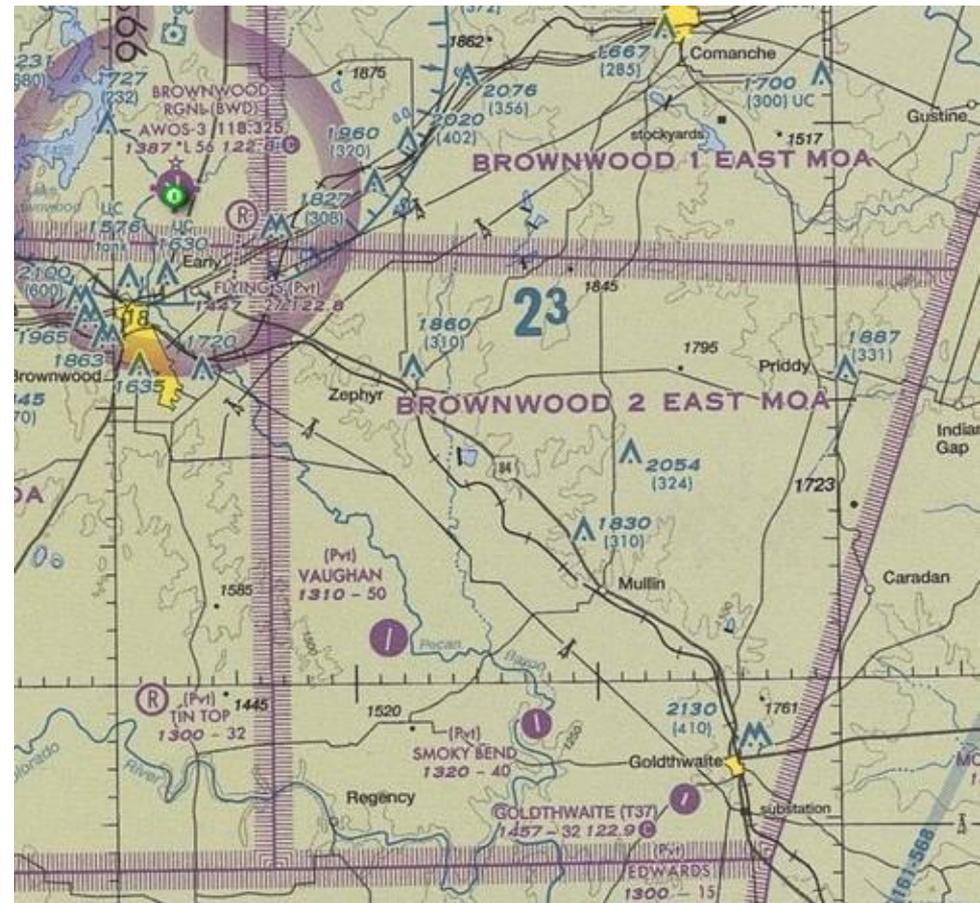
- Restricted Areas



- Warning Areas

# SUA (cont.)

- Military Operations Areas (MOAs)
- Alert Areas



# Typical Questions

- What Airspace is KFTW Located In?
- What Airspace is at 3,300' MSL Over KFTW?
- What Airspace is at 4,100' MSL Over KFTW?

