

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'



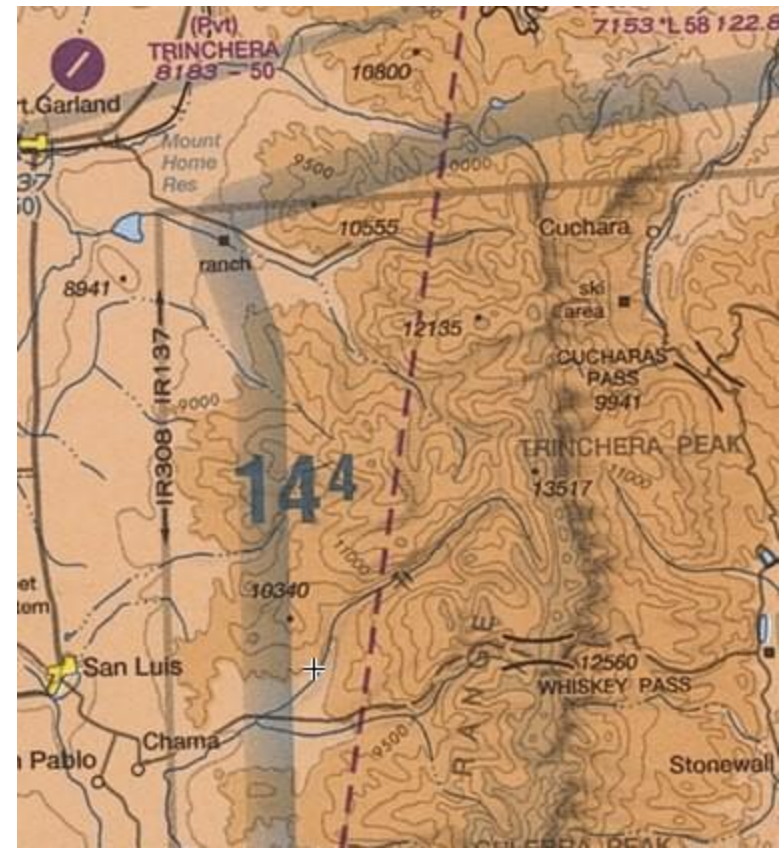
Drop the hundreds digits

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



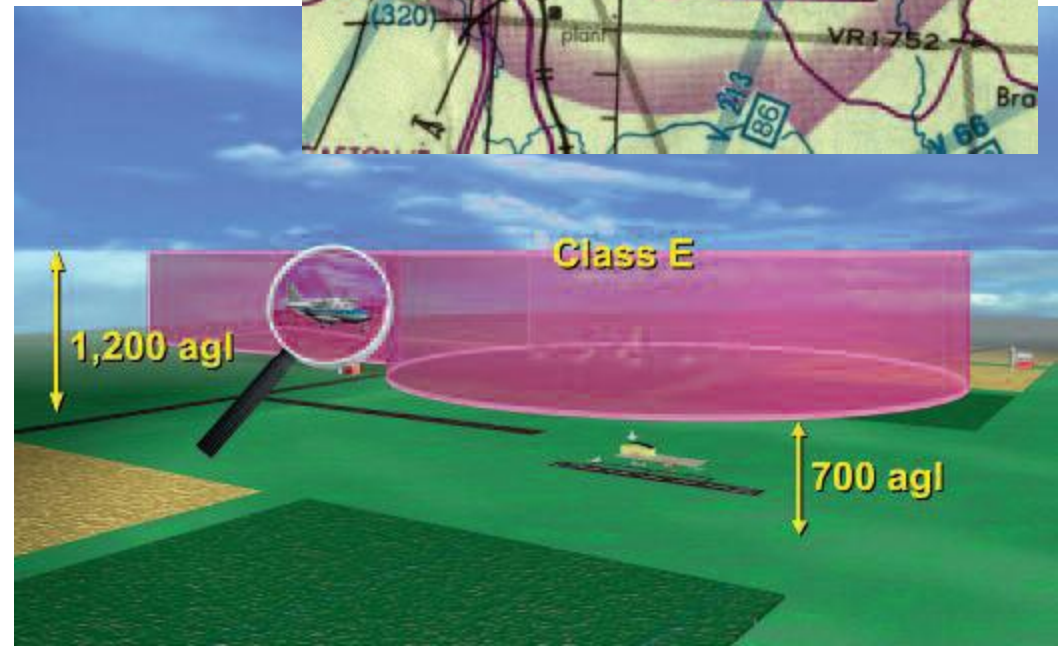
Class G (cont.)

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



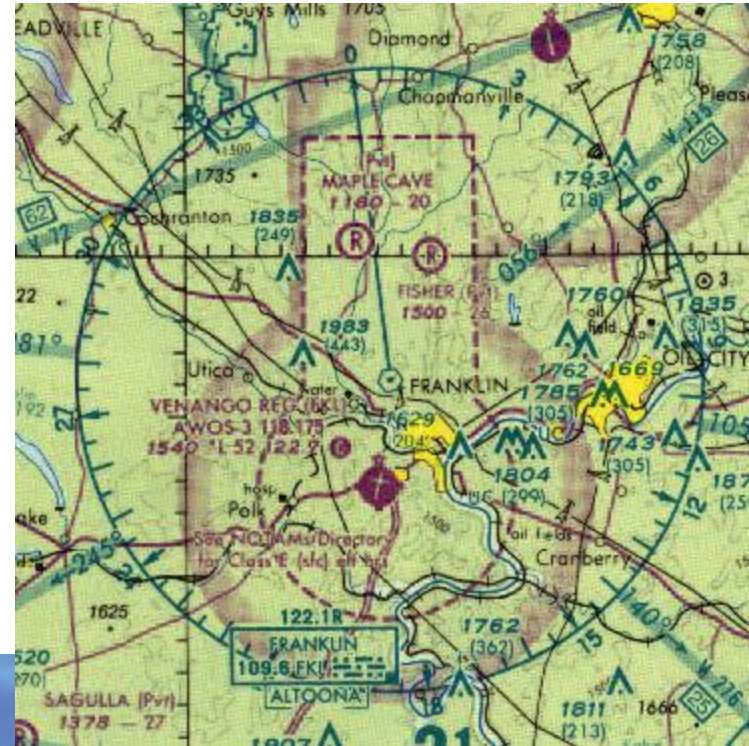
Class E

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



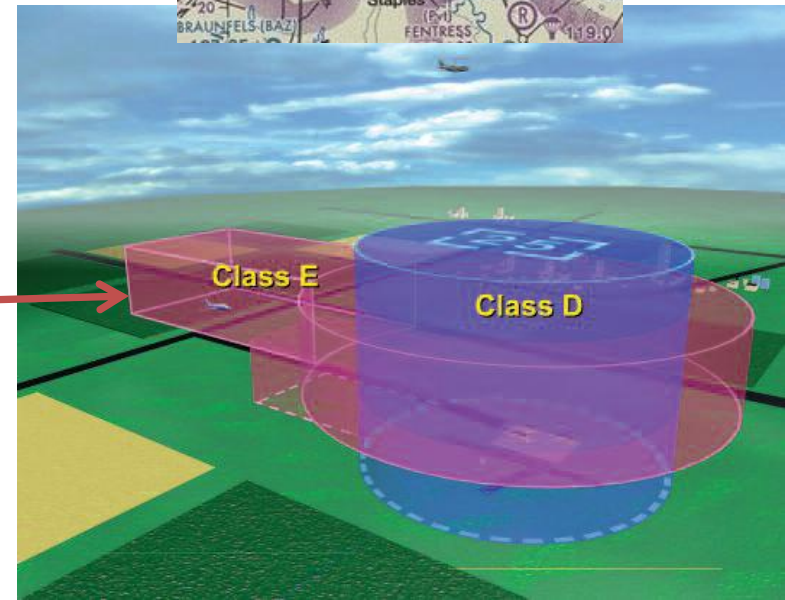
Class E

- 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



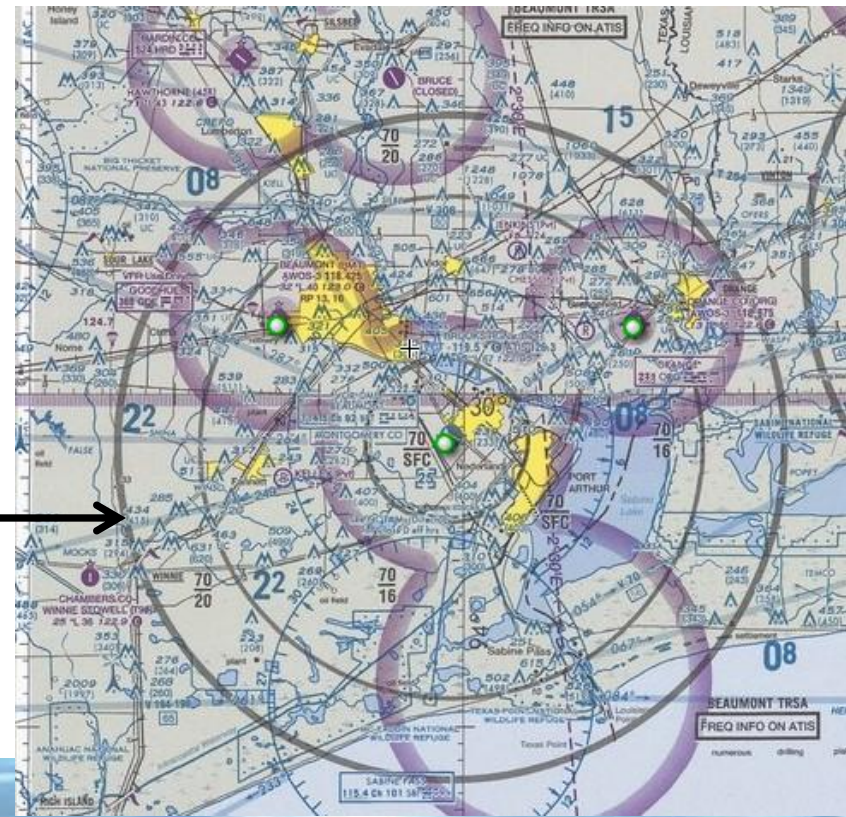
Class C

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



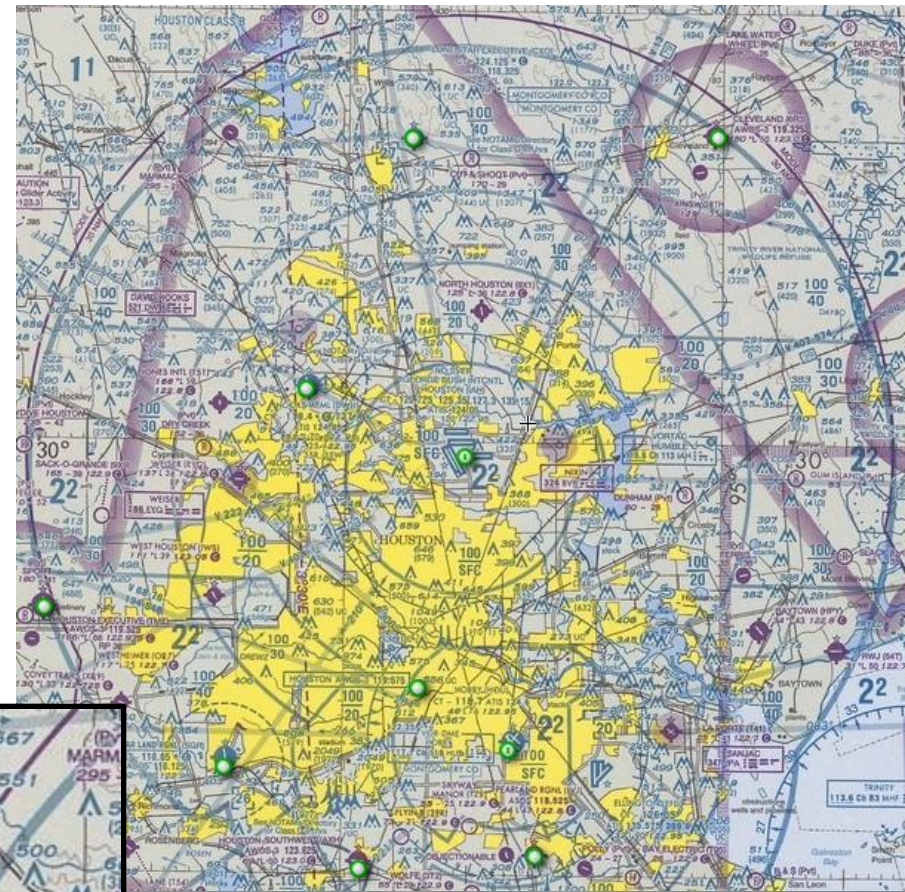
TRSA

- 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.

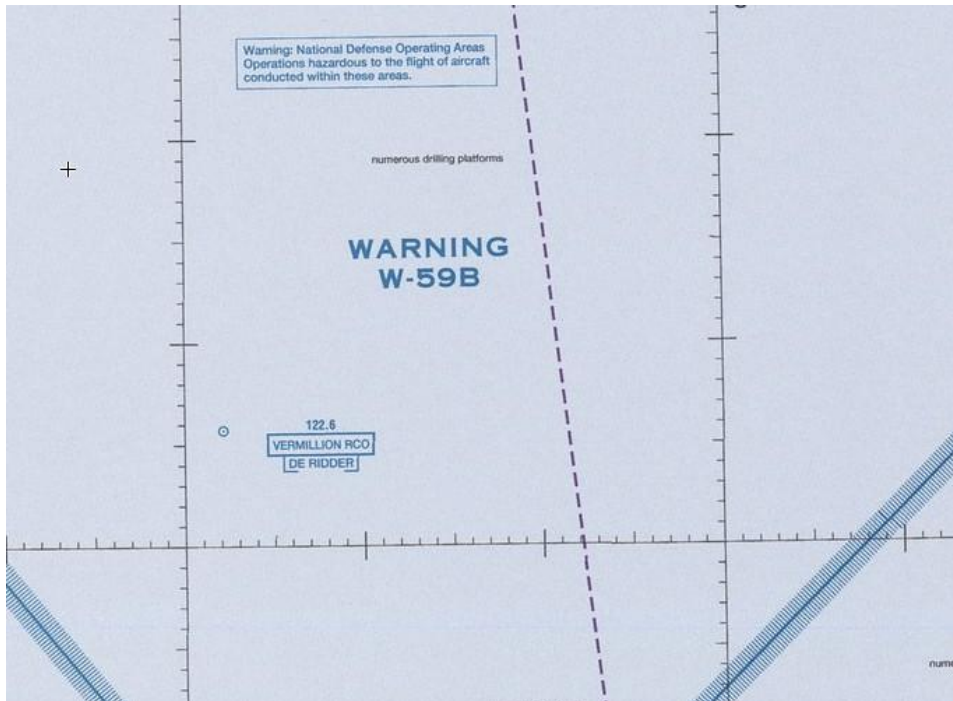
† Other times by NOTAM.
 NOTAM - Use of this term in Restricted Areas indicates FAA and DoD NOTAM systems. Use of this term in all other Special Use areas indicates the DoD NOTAM system.

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-SS†	HOUSTON CNTR	

SUA (cont.)

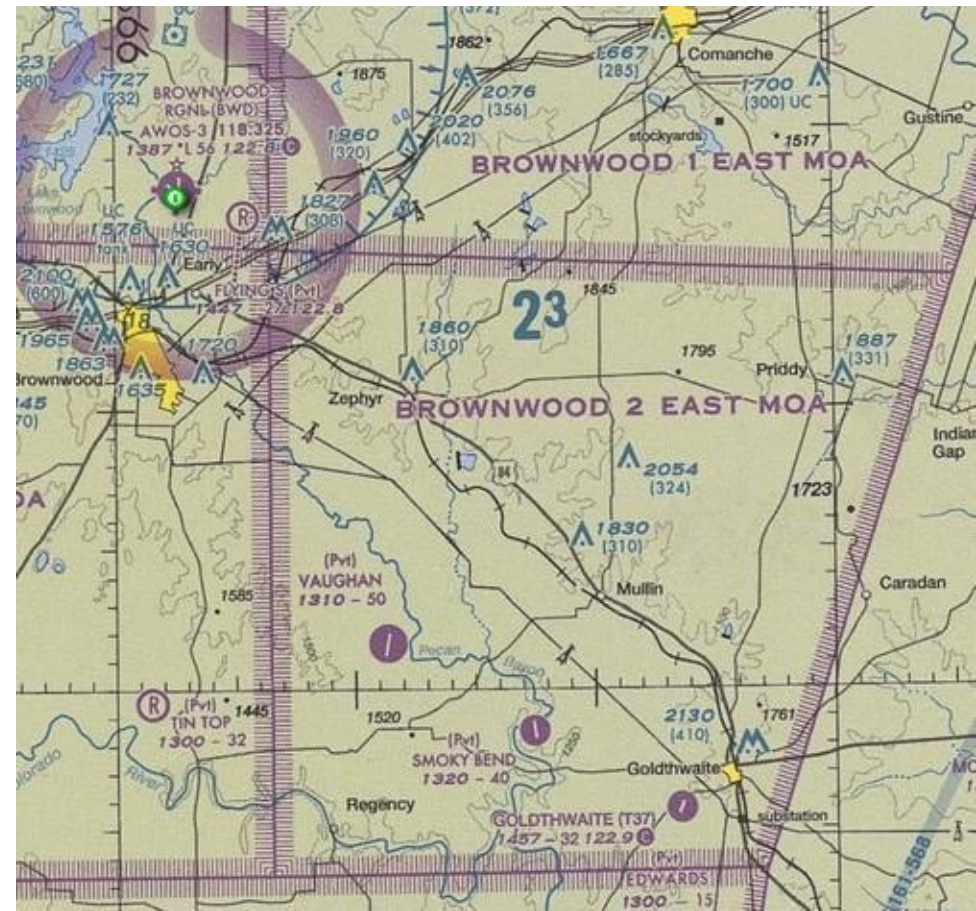
- **Restricted Areas**



- 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?

