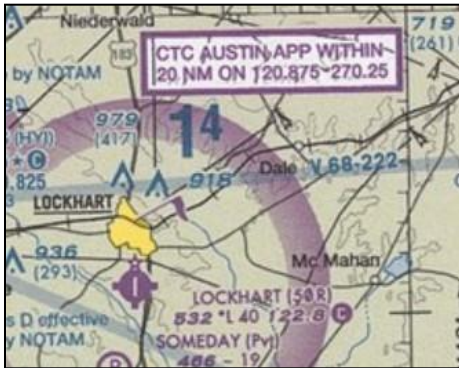


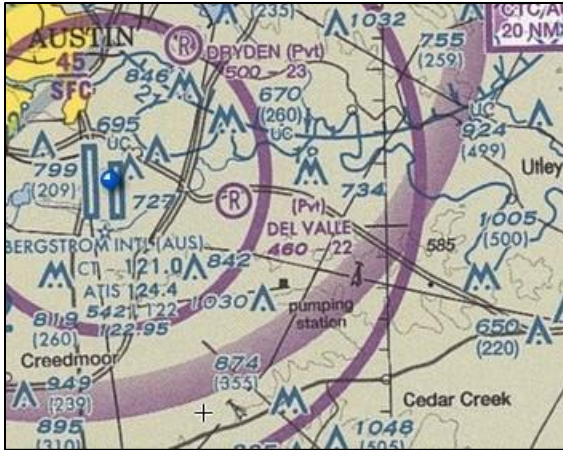
## SECTIONAL WORKSHEET (Part 1 of 2)

*This worksheet uses the San Antonio sectional, unless otherwise noted with a figure or other instructions. Many questions are designed to be thought provoking and aid in further discussion between the student and instructor. Part 1 is general in nature, Part 2 continues general information and focuses on using the sectional for flight planning purposes. Allow 1-2 hours to complete this worksheet. You may use a FAR/AIM for this open book worksheet.*

1. Live Oak Co. (8T6) airport – what type of radio communication is 122.9 MHz?
2. The dark blue 14, just to the north east of Lockhart (50R) means? (see below figure)
3. What type of airspace exists at the surface of 50R?
4. Draw a profile of the base of the class E altitude going from the airport (50R) to the north along Highway 183 towards Niederwald.
5. What is the field elevation at 50R?
6. How long is the field at 50R?
7. At McMahan, define the airspace at the surface \_\_\_\_, at 1200' MSL \_\_\_\_, at 18,000' MSL \_\_\_\_, at 60,001' MSL \_\_\_\_?



8. The airspace over San Marcos (HYI) at 2,500' MSL is?
9. The \* after the CTAF frequency of 126.825 at HYI indicates?
10. The small star over the airport figure at HYI means?
11. Centex (CWX) is what type of a Navaid?
12. You tune in CWX and do not hear the Morse code identifier, this is an indication of what?
13. When we use the CWX Navaid in our aircraft we normally employ what components that are located there?
14. What type of airspace exists at the pumping station (just south of the private air strip at Del Valle) at 2,100' MSL?



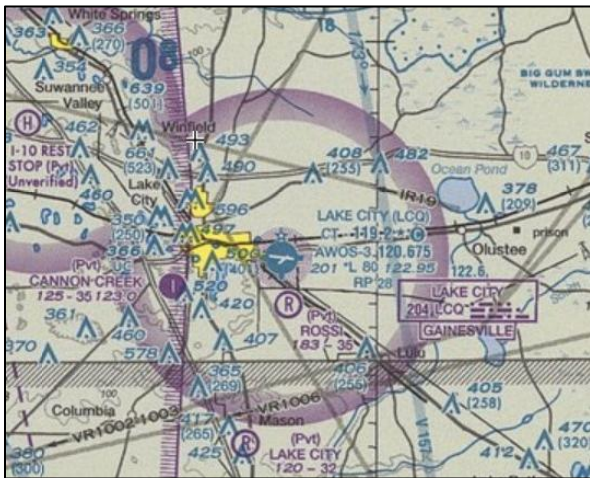
15. You plan to fly a J3 Cub direct from Taylor (T74) to Lockhart (50R) to get maintenance performed. Your aircraft doesn't have any avionics or a transponder but it is airworthy. Can this flight be made legally on a direct route? How?
16. You have a flight plan that requires you to enter and egress the class C airspace at AUS at 3,000' MSL. You have avionics, but your transponder is inoperative. The rest of the flight is within Class E or G airspace where a transponder is not required. How could you make this flight legal without altering the route of flight?
17. The normal class E airspace at South Texas Regional (HDO) is lowered to \_\_\_\_ feet MSL as depicted by \_\_\_\_.
18. Again, refer to HDO, why is such a lowering of the class E airspace needed?
19. The ASOS at HDO is reporting: **KHDO 222151Z AUTO 14012G22KT 4SM BKN016 33/31 A2992**. Is it legal to take off at HDO, remain in the pattern and conduct pattern work? If legal, what indications might lead you to conclude this may not be a safe thing to do?
20. The small box, below figure, at HDO gives information about the Hondo (HMA) military channel on 329, and is of no concern to civilian pilots. T/F



21. Randolph AFB Aux (SEQ) is located in what type of special use airspace (SUA)?
22. What procedures must be observed to land at SEQ?
23. You are planning a day VFR flight from Clark (SEP) to McGregor Executive (PWG). What are some considerations to make this flight legal? Safe?
24. You are flying VFR from Calhoun Co (PKV) to Aransas Co (RKP) via Victor 20-70. You plan to transition direct to RKP at BETZY intersection and fly along the northern coast of Black Jack

Peninsula and not descending until you have the airport in sight. Why might this be a good plan. What other factors might be a consideration in approaching this airport?

25. What type of airspace exists at 700' AGL at RKP? At the surface?
26. You want to do pattern work at RKP on runway 32. The visibility is 10SM but the ceiling is 900' AGL. Can you legally perform this pattern work? If so how?
27. You have opened a SVFR flight plan for RKP, once you have landed how is this SVFR flight plan closed?
28. While on the topic of SVFR, what conditions, if any would allow you to request a SVFR clearance at HYI?
29. What type of airspace exists at the surface of LCQ? (see below figure)



30. What type of control tower (CT), if any, exists at LCQ?
31. Where would you find out the operating times of the CT at LCQ?
32. What does the light magenta shading circle around the airport at LCQ indicate?



33. The airspace at 1200 feet above the Wilson Creek VORTAC (see above) is Class E? T/F
34. What is the airspace above the ranch in the below figure at the surface? At 1,200 feet AGL? At 10,000 MSL

