

Enroute Chart Worksheet

This "Treasure Hunt" can be used with NACO chart L23/24 and/or Jeppesen chart 31/32.

1. Does the Muskegon VOR (MKG) have DME capability?
2. What is the total distance between MKG and Pullman (PMM)?
3. What is the MRA at SUDDS intersection on V2, just west of MKG? Which navigation aid made this necessary?
4. If you were flying over MKG, which ARTCC would you use?
5. Which ARTCC would you use if you went farther east and flew over Lansing VOR (LAN)?
6. What is the distance between MKG and CLOCK intersection (to the east?)
7. What is the distance between MKG and GIBER intersection (farther east?) Can DME be used to identify this?
8. What does the gray circular symbol at GIBER indicate?
9. What are the MEA and MOCA for V216 east of MKG (if applicable?)
10. What are the MEA and MOCA for V450 east of MKG (if applicable?)
11. If you are south of CLOCK intersection on V285 (east of MKG), what is the MEA? If you are north of the intersection, what is the MEA? How is the change indicated?
12. What navigation aids could you use to identify JONES intersection, south of Kalamazoo? What are their frequencies?

13. What navigation aids could you use to identify SINNI intersection, south of Muskegon?
What are their frequencies?

14. What navigation aids could you use to identify BRYTO intersection, east of South Bend?
What are their frequencies?

15. How long is the runway at Lansing (KLAN?)

16. What is the OROCA/MORA at Battle Creek? Are these always the same?

17. What are the special altitude restrictions at PIONS reporting point, southeast of Litchfield VOR (LFD?)

18. What are the special altitude restrictions at WOCKY intersection, south of PIONS?

19. Which VOR(s) have HIWAS: Muskegon, Grand Rapids, Lansing, and/or Flint?

20. On V450 between Muskegon (MKG) and Flint (FNT), what is the name of the COP?

21. Is this a compulsory reporting point?

22. What is the COP on V55, between MKG and PMM?

23. What is the COP on V233, between LAN and LFD?

24. Does Riverview Airport in Jennison, MI (just SE of Muskegon) have instrument approaches? What kind?

25. What does the shading over the frequency on the NDB at VES indicate?
26. At Fort Wayne, which FSS would you contact? Which frequencies would you use?
27. What are the approximate longitude and latitude coordinates for Grand Rapids VOR (GRR?)
28. Below Lake Michigan, just east of CGT VOR, what is LOOTH? Do you have to do anything special as you cross it?
29. What is the function of ZOSER, south of Litchfield VOR (LFD?)
30. What type of navigational facility is Detroit VOR (DXO?)
31. How is the international border indicated?
32. What type of reporting point is Windsor VOR (YQG?)
33. Could a civilian land at Selfridge ANGB, east of Pontiac (KPTK?)
34. Is SVFR allowed at Detroit Metro (KDTW?)
35. What type of airway runs north from DESDN reporting point (northeast of Detroit on V98?)
36. What type of special use airspace is just northwest of Port Clinton Ohio (near Sandusky)? Is it active on Sundays?

37. What class of airspace surrounds Elkhart Municipal Airport (KEKM), just east of South Bend?
38. What class of airspace surrounds South Bend?
39. What frequency should you use to contact Approach/Departure Control when you are at Ann Arbor (KARB?) What are the hours of operation for the control tower there?
HINT: Look off the main chart.
40. What altitude is the upper limit of Grand Rapids airspace? (Jeppesen only)
41. If you are on V84, just north of Flint (FNT), what do you have to do as you cross BNNET intersection? (Jeppesen only.)
42. What three navigation aids could you use to identify ALMAA intersection, northeast of Grand Rapids? What are their frequencies? (Jeppesen only.)