

The Flight, KOQU to KORH

This flight, from Quonset State Airport, KOQU, in North Kingstown, R.I. to Worcester, Mass., KORH, puts everything together learned so far on VOR navigation. Your cruise speed will be 110 kts, and climb at 90 kts. Total distance is 56 nm. It's a fun flight because you stay busy. Here are the details:

Download the 300 dpi file of that part of the IFR chart needed for the flight. Unzip it and print it with one-inch (2.54 cm) printer margins.

NOTE: Use a **Flight Log** for this flight. Details immediately follow the flight description on the webpage..

1. Departure is from Rwy 34, Quonset State Airport, KOQU, just south of Providence.
2. Fly inbound to PVD VOR, 115.6 MHz, climbing to 4000 ft. Distance = 7 nm.
3. At PVD VOR intercept V146 NW, fly the 321° radial inbound to PUT VOR, 117.4 MHz. Distance = 23 nm.
4. At PUT VOR turn NE, fly the 029° radial outbound, to the GOZZR Intersection. Distance = 19 nm.
5. During the PUT to GOZZR leg, descend to 3000 ft, but no lower.
6. Turn left at GOZZR Intersection and intercept the Rwy 29 localizer, 110.9 MHz, to Worcester Regional Airport. When tuned to a localizer frequency the left-right needle is four times as sensitive as when tracking a VOR, i.e., 0.5° per dot.
7. Also note that when tuned to a localizer, the OBS is inoperative. Smart pilots rotate the OBS to the localizer heading (in this case 289°) as a visual reminder of their magnetic course after intercepting the localizer. This makes them aware of the intercept angle and how early to begin the turn towards the final heading.
8. Track the localizer inbound, descending and landing on Rwy 29. Be alert, Worcester field elevation is 1009 ft. Distance = 6 nm.
9. Total flight time: about 30 minutes.