


R. OBS Mode

The OBS mode allows you to select a specific course to fly to the active waypoint. When selected, the OBS mode also stops automatically sequencing waypoints. Besides holding, another use is to approach an airport on a course that is very close to the extended centerline of any runway. This can be extremely useful when flying in reduced visibility. It won't be the exact centerline because the course line is drawn from the airport reference point.

For our example, we are on a flight plan from Hutchinson, KS (KHUT) to Maize, KS (70K) and the surface wind is 180 at 25 knots. It would be to our advantage to land on runway 17 at the Maize airport.

With 70K as the active waypoint, if necessary, move the heading bug to the present heading and change the autopilot to Heading Mode.

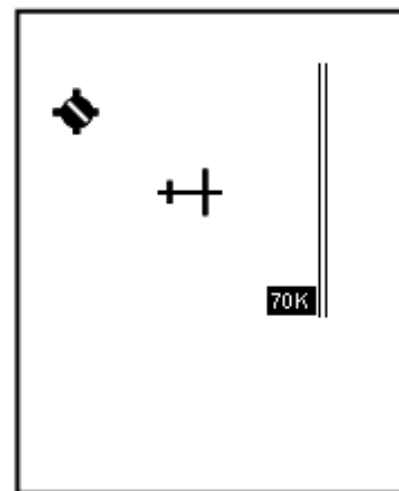
1. On the PFD, PRESS the OBS  Soft Key. The "OBS" flag appears on the HSI.



2. ROTATE the Course Knob until the "CRS" window shows 170o. If the inset is displayed you will see the magenta, active course line rotate also which helps visualize your selection. The map also displays the 170° course to 70K. .

CRS 170°

3. Change to a more easterly heading to intercept the set course, north of the airport as shown.



4. Monitor your progress on the PFD's inset or on the MFD map.

5. As the aircraft approaches the selected course, turn southbound to fly the course.

PRESS the OBS  Soft Key again to return to normal navigation.

NOTES

NOTE: The Navigation Status Bar above the PFD shows distance to the center of the airport. You now have course and distance information to the airport.

NOTE: While in the OBS mode, the desired course may be selected from either the PFD or MFD.

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