

IFR FLIGHT PLANNING

Plan a cross-country flight using VOR navigation and airways.

- Use current and appropriate aeronautical charts.
- Ensure GPS data base is current, RAIM check and GPS NOTAMs are checked.
- Select the appropriate IFR altitudes for the initial direction of flight.
- Check MEA, MOCA, OROCA.
- Determine aircraft performance for the departure and minimum enroute altitudes. Refer to the DP or SID.
- Determine aircraft fuel requirements and performance to destination and alternate airport. *ALT ARCHS AVAIL?*
- Determine forecast weather for enroute, destination and alternate airports.
- Determine emergency alternate airports and alternative actions.
- Check information in the NOTAMs and AF/D. *INOP EQUIP*
- Complete a navigation log and calculate the estimated fuel burn. Simulate filing the IFR flight plan.

WEATHER REPORTS AND FORECASTS

Analyze and explain the following:

- METAR, TAF and FA.
- Freezing Level Charts.
- Surface Analysis Chart.
- Radar Summary Chart.
- Winds and Temperatures Aloft Chart.
- Significant Weather Prognostic Chart.
- Convective Outlook Chart.
- AWOS, ASOS, and ATIS Reports.

W & B

T/O - LND DISTANCE