

VOR MON Charting Issues

ACF October 28-30



**Federal Aviation
Administration**



Issues

- **Charting DME-only NAVAIDs**
- **Use of DME-only facilities as “Reference NAVAID”**



Charting DME-only facilities

- As VORs are discontinued, DME and TACAN will be retained for RNAV and military aircraft
- Three-letter facility IDs have geographic meaning contributing to pilot/controller situational awareness
 - Should DME-only facilities be charted for RNAV purposes



Magnetic Variation (Mag Var)

- TERPs reference: 8260.19, paragraph 2-5-3f(2)
 - (a) Instrument Approach Procedures (IAPs)/DPs/STARs. Magnetic variation is applied to any track/course used in an RNAV instrument procedure and it must be the magnetic variation of the aerodrome of intended landing or departure. Some aircraft navigation systems use a “reference NAVAID” for obtaining magnetic variation information based on course (Cx) leg types and track from fixes (Fx) leg types. For IAPs, specify in the ARINC Record (for RNAV Departure Procedures, specify in the Remarks section of Form 8260-15C), a NAVAID that has the *same* assigned magnetic variation as the airport magnetic variation.
- After the VORs are discontinued, some DME-only NAVAIDs will exist
- It makes sense to keep using the DME facility as the reference NAVAID



Recommendations

- **Chart DME-only facilities and retain the familiar 3-letter IDs for pilots and controllers to use for RNAV operations**
- **Use DME-only facilities as “reference NAVAIDs” to obtain MagVar values for RNAV aircraft**

