

20171005 ADF/VOR/GNSS

- ADF
 - Two antennae
 - * Loop, small box underneath aircraft (determines which of two directions signal is received)
 - * Sense, Wire along length of aircraft
 - To tune to broadcast station
 - * Tune
 - * Press ADF on COM
 - * Select ADF on ADF (to IDENT)
 - To tune to NDB
 - * Tune frequency
 - * Select ANT on ADF
 - * Select ADF on COM
 - * Test by Turning ADF knob to TEST; observe ADF needle turning
 - NDB loses range by hours of night (HN)
- VOR
 - Range does not depend on power; depends on Altitude (line of sight)
 - 5000ft AGL ~ 60nm range
 - 10000ft AGL ~ 90nm range
- GNSS
 - Garmin G430 (146)
 - * See Quick Reference Handbook
 - * Make flight plan on FlightPlan.xsd
 - * Simulator needs Windows XP
 - Diversion on flight test
 - * e.g. divert to YBAF
 - * draw line on WAC
 - * approximate HDG
 - * approximate DIST
 - * select DIRECT TO on G430, enter YBAF
 - See CAAP on GNSS