

Airplane Antennas - Ground Lesson

Attention

One of the antennas looks broken, what will not work?

Schedule

Ground instruction – 5 minutes

Material

VHF between wings

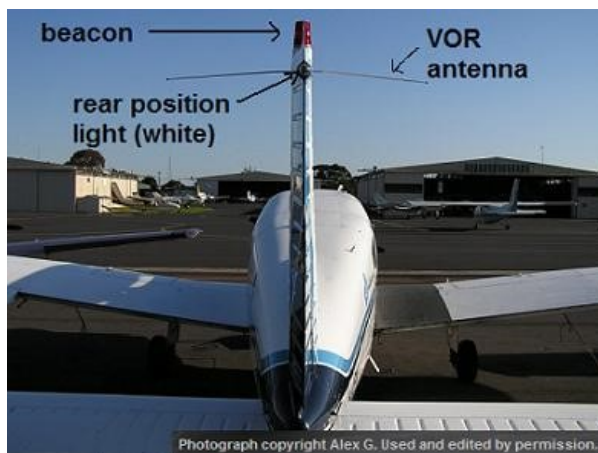
VOR on tail

ELT between wings and tail

GPS flat one between wings

Transponder on bottom

ADF long wire connecting wings to tail



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Boeing 787 Antennas



- **LAN/TWLU** Terminal wireless local area network (LAN) unit
- **ATC/TCAS** Air traffic control/traffic collision and avoidance system
- **DME** Distance measuring equipment
- **RA** Radio altimeter
- **GPS** Global positioning system
- **TCS** Terminal cellular system
- **ADF** Automatic direction finder
- **CWLU** Crew wireless LAN unit
- **ELT** Emergency locator transmitter
- **HF** High-frequency radio
- **VOR** VHF omni-directional ranging

Source: Boeing