

Ground Lesson: DME Arcs

Objectives:

1. to understand the concept of DME Arcs
2. to be able to perform DME arcs, both collocated with an approach, and non collocated.

Schedule:

Activity	Est. Time
Ground	1.5
Total	1.50

Recommended Readings:

IFH	Ch. 7: 7-17 to 7-19: DME Arcs

Elements Ground:

- **DME Arc Overview**
 - used to provide transition to an approach course
 - part of approach...not feeder route
 - may be located before IF, or after
- **Technique**
 - VOR/HSI technique
 - turn 10°, twist 10°
 - use DME info to keep track of location

- visualize location compared with inbound approach course
- lead roll out to inbound course
- G1000 Technique
 - fly GPS magenta line
 - auto pilot coupled
 - use VOR's as backup in case GPS fails

Elements Air:

- DME arc practice exercise
- WVI DME Arc Approach

DME Arc Practice:

VOR DME Arc work:

