

Flight Lesson: En Route Procedures

Objectives:

1. exhibit knowledge of the elements related to ATC Clearances
2. ability to properly copy, readback, and comply with ATC Clearances
3. ability to interpret en route and area charts correctly

Schedule:

Activity	Est. Time
Ground	0.75
Preflight/Taxi	0.25
Flight	2
Debrief	0.25
Total	3.25

Recommended Readings:

IFH	Ch 8: 8-1 to 8-10: NAS, En Route Charts
	Ch 10: 10-1 to 10-5: Publications/Filing/Clearances
IPH	Chap 3: ALL: En Route
Extra	Low En Route Chart: Review Symbology

Elements Ground:

- **ATC Clearances**
 - Filing Requirements
 - Pilot Responsibility
 - Elements
 - N-number
 - Clearance limit
 - Route
 - includes departure procedures, route of flight, arrival procedures
 - Altitude data
 - cruise vs maintain
 - remember cruise clearance assumes approach clearance
 - Holding instructions
 - Frequency
 - Transponder
 - Abbreviated Clearance
 - Tower En route Control

- Clearance Void Times
 - must advise within 30 minutes of intentions if not off
- VFR on Top
- **En Route**
 - Chart Overview
 - chart interpretation
 - MEA
 - MOCA
 - MRA
 - MCA
 - Victor vs Tango Airways
 - Data interpretation

Elements Air:

- ATC Clearance
- Full IFR flight
- Chart interpretation