



M500/Meridian 5 day initial course syllabus

Day 1 Classroom 4.0 hours

Introductions
Aircraft General
Performance / weight & balance
Powerplant
Normal operating procedures (POH)
Flight Profiles

Day 1 Simulator Training 2.0 Hours

Pre-briefing (in classroom)
Pre-flight
Normal Startup Procedures
Basic VFR maneuvers
Traffic pattern
Normal take-offs & landings
Short-field take-offs & landings
Go-arounds
Post-briefing (in classroom)

Day 2 Classroom 4.0 hours

Environmental system
Fuel system
Limitations
Electrical system
Aeronautical Decision Making
Emergency operating procedures (POH)

Day 2 Simulator Training 2.0 hours

Pre- briefing (in classroom)
Pre-flight
Aeronautical Decision Making
Emergency procedures
Autopilot operation
Crosswind take-offs & landings
Post-briefing (in classroom)

Day 3 Classroom 4.0 hours

Flight Instrumentation & Avionics
WAAS
Flight Controls
Landing Gear & Hydraulics

Classroom including Pre and Post Briefing 20.0 hours
Simulator Training 10.0 hours

Note: The customer's aircraft can be used in addition to or instead of simulator time for in-aircraft training.

Day 3 Simulator Training 2.0 hours

Pre-briefing (in classroom)
Pre-flight
Short field Take-off and Landing
Instrument Approaches
Missed approach procedures
Holding Patterns
Post-briefing (in classroom)

Day 4 Classroom 4.0 hours

Anti- Ice / De-Ice system
Radar
High Altitude Physiology
Human Factors

Day 4 Simulator Training 2.0 hours

Pre- briefing (in classroom)
Pre-flight
Normal Take-off
Departure procedures
Enroute procedures
High Altitude operations
Arrival procedures
Instrument approach
Normal landing
Post-briefing (in classroom)

Day 5 Classroom 4.0 hours

Emergency operating procedures (POH)
Ground school Review
Exam
Flight Planning
Weather Planning

Day 5 Simulator Training 2.0 hours

Pre- briefing (in classroom)
Normal Take-off and Landing
Pre-flight
Departure procedures
Enroute procedures
High Altitude operations
Emergency Procedures (Scenario Based)
Instrument approach
Post-briefing (in classroom)