



## M500/Meridian 3 day recurrent course syllabus

### Day 1 Classroom 4.0 hours

Introductions  
Aircraft General  
Performance/weight & balance  
Powerplant  
Normal operating procedures (POH)  
Environmental system  
Fuel system

### Day 1 Simulator Training 2.0 Hours

Pre-briefing (in classroom)  
Pre-flight  
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

Limitations  
Human Factors  
Electrical system  
Emergency operating procedures (POH)  
Flight Instrumentation / Avionics

### Day 2 Simulator Training 2.0 hours

Pre- briefing (in classroom)  
Pre-flight  
Emergency procedures (Scenario Based)  
Autopilot operation  
Instrument Approaches  
Missed approach procedures  
Holding Patterns  
Crosswind take-offs & landings  
Post-briefing (in classroom)

### Day 3 Classroom 4.0 hours

WAAS  
Aeronautical Decision Making  
Flight Controls  
Flight Profiles  
Landing Gear & Hydraulics  
Anti-Ice / De-Ice system  
Radar  
High Altitude Physiology  
Ground school Review  
Exam  
Flight Planning  
Weather Planning

### Day 3 Simulator Training 2.0 hours

Pre-briefing (in classroom)  
Aeronautical Decision Making  
Pre-flight  
Short field Take-off and Landing  
Soft Field Take-off and Landing  
Departure procedures  
Enroute procedures  
High Altitude operations  
Arrival procedures  
Instrument approach  
Post-briefing (in classroom)

Classroom including Pre and Post Briefing 12.0 hours  
Simulator Training 6.0 hours

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