



## M350/Mirage/Matrix/Malibu 4 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 take-off  
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  
Human Factors  
Emergency operating procedures (POH)

### Day 2 Simulator Training 2.0 hours

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

Classroom including Pre and Post Briefing  
16.0 hours  
Simulator Training 8.0 hours

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

### Day 3 Classroom 4.0 hours

Flight Instrumentation & Avionics  
WAAS  
Flight Controls  
Landing Gear & Hydraulics  
Aeronautical Decision Making

### Day 3 Simulator Training 2.0 hours

Pre-briefing (in classroom)  
Pre-flight  
Aeronautical Decision Making  
Short field Take-off  
Instrument Approaches  
Missed approach procedures  
Holding Patterns  
Short-field landing  
Post-briefing (in classroom)

### Day 4 Classroom 4.0 hours

Anti-Ice / De-Ice system  
Radar N/A in Matrix  
High Altitude Physiology  
Ground school Review  
Exam  
Flight Planning  
Weather Planning

### Day 4 Simulator Training 2.0 hours

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