



## **NATIONAL TRANSPORTATION SAFETY BOARD**

Office of Aviation Safety  
Washington, D.C. 20594

October 31, 2013

### **Attachment 3 – Premier Training Syllabus**

# **OPERATIONAL FACTORS**

**ERA13MA139**

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### A. PREMIER TRAINING SYLLABUS

#### 1.0 Initial Training



#### PREMIER INITIAL PILOT COURSE SYLLABUS

Day	Ground School	GFS / Simulator
Day 1	(8 Hours) Administration Approved Flight Manual Aircraft General Electrical Lighting Master Warning Fuel	(None)
Day 2	(8 Hours) Powerplant Fire Protection Pneumatics Ice and Rain Protection Air Conditioning	(None)
Day 3	(6.5 Hours) Pressurization Oxygen Hydraulics Auricles	(6.5 Hours) Autonics Training with GPS
Day 4	(None)	(None)
Day 5	(4 Hours) Landing Gear & Brakes Flight Controls Aircraft Walkaround	(4 Hours) Autonics Training with GPS
Day 6	(8 Hours) Performance Flight Planning Weight and Balance	(2 Hours) Autonics Training with GPS
Day 7	(8 Hours) Windshear Cockpit Resource Mgt Systems Review Systems Exam	(None)

**PREMIER INITIAL PILOT COURSE SYLLABUS (Continued)**

Day	Ground School	GFS / Simulator
Day 8	(none)	Systems Integration with GFS (2.5 Hours) (Briefing 1 Hour, Sim 4 Hrs, Debrief 1 Hour)  <u>Cockpit Procedures, Terrain (CPT) / Systems Integration</u> Cockpit Familiarization Preflight – expanded procedures and checks Powerplant Start Taxiing Normal take off Basic aircraft landing characteristics Autolands and FMS Operations Normal Approach and Landing
Day 9	(none)	Systems Integration with GFS (2 Hours) (Briefing 1 Hour, Sim 4 Hrs, Debrief 1 Hour)  <u>Session 1</u> Preflight – expanded procedures and checks Powerplant start Taxiing Normal Takeoff Airwork – Step Turns, Stalls, Unusual Attitudes Stab Pusher Demonstration Instrumental All Engine Precision Approach Normal Approach and Landing After Landing Procedures Parking and Securing
Day 10	(none)	Systems Integration with GFS (2 Hours) (Briefing 1 Hour, Sim 4 Hrs, Debrief 1 Hour)  <u>Session 2</u> Preflight Procedures System Malfunctions Powerplant Start Malfunctions Crosswind Take off Rejected Takeoff Powerplant Failure (Shutdown and Restart) Rapid Decompression & Emergency Descent Emergency Procedures Holding Missed Approach Landings and Approaches to Landings

**PREMIER INITIAL PILOT COURSE SYLLABUS (Continued)**

Day	Ground School	GFS / Simulator
Day 11	(none)	(none)
Day 12	(none)	(Briefing 1 Hour, Sim 4 Hrs, Debrief 1 Hour)  <u>Session 3</u> Night Operations (3 Night Takeoffs and Landings) Preflight Checklists (as required) Powerplant Failure During Takeoff Single Engine Procedure Approach Fire Detection and Extinguisher Systems Abnormal Procedures Non-Flap Approach Missed Approach Landings and Approaches to Landings
Day 13	(none)	(Briefing 1 Hour, Sim 4 Hrs, Debrief 1 Hour)  <u>Session 4</u> Cold Weather Operations / Holding Procedures Instrument Takeoff and Departure Rejected Landing Missed Approach with a Powerplant Failure Holding Circling Approach and Landing Crosswind Landing Visual Approach and Landing
Day 14	(none)	(Briefing 1 Hour, Sim 4 Hrs, Debrief 1 Hour)  <u>Session 5</u> High - Hot - Heavy Operations Wind Shear Recognition and Recovery Approach / Landing with a Powerplant Failure Landing from a No-Flap Approach Hydraulic Abnormal Procedures
Day 15	(none)	(Briefing 1 Hour, Sim 4 Hrs, Debrief 1 Hour)  <u>Session 6</u> Line-Oriented Simulation Training
Day 16	Oral Evaluation (as needed)	Type Checkride (if required)
Day 17	Oral Evaluation (as needed)	Type Checkride (if required)

**PREMIER INITIAL PILOT COURSE SYLLABUS *(Continued)***

Total Training Hours Received  
During the Initial Course:

System Ground School: 40.5 Hours  
Avionics Ground School: 7.5 Hours  
GFS / System Integration: 10.0 Hours

Total Ground School Hours: 58 Hours

Briefing / Debriefing: 14 Hours

Flight Simulation:

- Crew of two pilots = 12 hours PIC, 12 Hours SIC
- Single Pilot = 15 Hours PIC

## 2.0 Recurrent Syllabus



### PREMIER RECURRENT PILOT COURSE SYLLABUS

Day	Ground School	Simulator
Day 1	<i>(4 Hours)</i> Aircraft General Approved FIM Manual Electrical Lighting Master Warning Avionics	<i>(Briefing 1 Hour, Sim 4 Hrs, Debrief 1 Hour)</i> Preflight – expanded procedures and checks Taxiing Rejected Takeoff Normal Takeoff AIMwork – Steep Turns, Stalls, Unusual Attitudes Stick Pusher Demonstration Engine Shutdown / Restart Instrument Arrival Holding All Engine Precision Approach Missed Approach Non Precision Instrument Approach Normal Approach and Landing
Day 2	<i>(4 Hours)</i> Fuel Powerplant Fire Protection Pneumatics Air Conditioning Pressurization Oxygen	<i>(Briefing 1 Hour, Sim 4 Hrs, Debrief 1 Hour)</i> Night Operations <i>(3 Night Takeoffs and Landings)</i> Icing Procedures / Cold Weather Ops Low Visibility Takeoff Crosswind Takeoff and Landing Powerplant Failure During Takeoff Single Engine Precision Approach Single Engine Missed Approach Rejected Landing Circling Approach and Landing Non-Precision Approach Visual Approach and Landing
Day 3	<i>(4 Hours)</i> Ice and Rain Protection Hydraulics Flight Controls Landing Gear & Brakes Flight Planning Performance Weight and Balance CRM / Systems Integration Windshear Systems Review & Exam	<i>(Briefing 1 Hour, Sim 4 Hrs, Debrief 1 Hour)</i> High – Hot – Heavy Operations Windshear Recognition & Recovery Instrument Departure Single Engine Approach Hydraulic Malfunctions No Flap Approach to Landing In-flight Fire Rapid Decompression & Emergency Descent Other System Malfunctions or Abnormalities
Day 4 (required)	Oral Evaluation	Checkride