

5x5

AVIATION

SYLLABUS

Annual Recurrent Training
For Pilatus Aircraft

ANNUAL RECURRENT TRAINING

Pilatus Aircraft Syllabus



FLIGHT OPERATIONS

TIME

Takeoff & Departure

1 Hour

- Normal Takeoff
- Simulated Engine Failure at 700 feet
- Short Field/Maximum Performance Takeoff/Obstacle Clearance
- Crosswind Takeoff
- Initial Climb Followed by Cruise Climb

Airwork

2 Hours

- Stalls Series
 - Approach to Stall – Partial Flap
 - Approach to Stall – Clean Configuration
 - Approach to Stall – Landing Configuration
 - Stall Recognition & Recovery at First Indication
- Steep Turns
- Simulated Engine Failure in Cruise
- Generator Failure
- Engine Fire in Flight
- Runaway Trim
- Rapid Descent
- Smoke Clearing Procedure
- Failure to Pressurize
- Depressurization & Oxygen Mask Procedures

Approaching & Landings

1 Hour

- Instrument Approach Procedures with Tracking and Holding
- Autopilot Operations and Failure
- Landings
 - Normal Landing
 - Short Field Landing
 - Crosswind Landing
- Missed Approach/Go Around Procedures

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GROUND SCHOOL

TIME

iPad Operations 2 Hours

- Aviation Weather
- NOTAMs
- IFR/VFR Chart Review
- Flight Planning/Taxi Routes
- Weight and Balance
- Fuel Planning/JetFuelx
- Performance Profiles
- Checklist Procedures

Pilot's Operating Handbook 2 Hours

- Limitations
- Vspeed Review
- Emergency Procedures
- Expanded Normal Ops
 - Ice and Rain
 - Handling

Aircraft Systems 2 Hours

- Engine and Propeller
- Landing Gear and Brakes
- Airframe
- Electrical
- Honeywell Operations
- Flight Controls
- Master Warning/Caution/Crew Alert System
- Pneumatics and Pressurization

Aviation Safety 2 Hours

- Personal Currency Program
- Personal Minimums
- Accident Review
 - Mesa, AZ 11-28-18
 - Lake Albert, OR 9-14-20

Risk Analysis 1 Hour

- Calculator
 - Last Flight
 - Milk Run
 - Max Risk

Crew Resource Management 1 Hour

- (Crewed Operations)
- Tenets
 - Callouts
 - Checklists

BFR/IPC Sticker/IACRA and Certificate of Completion