

CREWMEMBER AND DISPATCHER TRAINING PROGRAMCOLGAN AIR

VOL IV

4.4.0 ADVANCED SIMULATION TRAINING SYLLABUS INITIAL NEW-HIRE, TRANSITION AND UPGRADE FROM SIC TO PIC PILOT SIMULATOR TRAINING - APPENDIX H (CONT'D)**BEECH 1900 SERIES - ABNORMAL & EMERGENCY PROCEDURES****LESSON 4 (CONT'D)**

6. Emergency Procedures
 - TRIM failure *

Electrical

 - Loss of both generators *
 - Electrical load reduction

Various Emergencies

 - Emergency landing
 - Emergency evacuation*
 - Ditching
 - Suspect device found on board
 - Distress call
 - Emergency announcement
 - Transponder codes
 - Rapid depressurization -Emergency descent*
7. Postflight discussion and preview of next lesson (1 hour)

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BEECH 1900 SERIES - ABNORMAL & EMERGENCY PROCEDURES

LESSON 7 (CONT'D)

2. Review

- Single engine ILS
- Single engine non-precision approach
- Single engine landing
- Before Landing checklist
- After Landing checklist
- Shutdown checklist

3. Emergency Procedures

- Flight Controls
 - Trim Run Away
- Air Conditioning and Pressurization
 - CABIN ALT warning *
- Fire / Smoke
 - Environmental smoke
 - Avionic or electrical smoke or fire
 - Smoke removal

4. Abnormal Procedures

- Fuel System
 - Fuel irregular situations*
- Hydraulic System
 - Hydraulic fluid loss *
- Landing Gear
 - Gear down unsafe condition
 - Gear up unsafe condition*
 - Landing gear handle cannot be moved to up position*

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BEECH 1900 - C/D SERIES DIFFERENCES

LESSON 10 - SIMULATOR BEECH 1900D OR AIRCRAFT

APPLICABILITY:

This lesson to be completed when crewmember training *has not* been performed in 1900D model simulator which will have included components of this lesson.

OBJECTIVE:

To demonstrate proficiency in the Beech 1900 D series aircraft in that duty crewmember position.

COMPLETION STANDARDS:

Simulator 10 will have been successfully completed when the applicant performs the maneuvers and procedures as outlined in the syllabus within FAA pilot check ride standards.

BE-1900 C/D MODEL DIFFERENCE

1. Air Conditioning
 - Pressure Regulating Shutoff Valves
 - Temperature Control Valve
 - Air Ducting
 - Outflow Valves
 - Pressurization Controller
2. Communications
 - Cockpit Voice Recorder
 - Flight Data Recorder
3. Electrical
 - Dual AC Buses
 - AC Load Shedding
 - Equipment and Furnishing
 - Interior Design
4. Flight Controls
 - Larger Rudder
 - Larger Elevator Trim Tabs
 - Rudder/ Aileron Interconnect