

BEECH 1900D AIRLINER



**FIXED WING
TRAINING**

IPAD COMPATIBLE

TUTORIALS

ELECTRICAL SYSTEM

1. General Description
2. Battery Power
3. Generator Power
4. External Power
5. Fault Protection/Load Shedding
6. AC Electrical Power
7. Emergency/Abnormal Operation

AIRCRAFT LIGHTING

1. Exterior Lighting
2. Interior Lighting

CAUTION PANEL

1. Engine
2. Auto Pilot and Flight Controls
3. Landing Gear and Ground Steering
4. Anti Ice and Deice
5. Electrical Lights and Avionics
6. Environmental/Pressurization/Bleed Air
7. Fuel

ENVIRONMENTAL SYSTEM

1. General Description
2. System Controls
3. Cooling
4. Heating
5. Air Distribution
6. Emergency Procedures and Indicators
7. Management During Normal Operations

OXYGEN SYSTEM

1. Oxygen System and Supply Cylinders
2. Oxygen Deployment
3. Oxygen Duration

FUEL SYSTEM

1. General Description
2. Design and Components
3. Cockpit Controls/Indicators
4. Management During Normal Operations
5. Emergency and Malfunction Procedures

ICE AND RAIN PROTECTION

1. General Information
2. Engine Ice and Rain Protection
3. Fuel Heat Systems
4. Propeller Deice Systems
5. Windshield Ice Protection Systems
6. Brake Deice Protection Systems
7. Additional Ice Protection Systems
8. Surface Deice Systems

PROPELLER SYSTEM

1. General Description
2. Primary Governor
3. Blade Angles
4. Low Pitch Stop
5. Overspeed Governor
6. Fuel Topping Governor
7. Power Levers
8. Propeller Levers
9. Autofeather System
10. Propeller Synchronphaser
11. Prop Ground Test

PT6 ENGINE

1. Engine Overview
2. Engine Bleed Air
3. Accessory Gearbox
4. Oil System

LANDING GEAR AND BRAKES

1. General Description
2. Controls, Indicators and Warning Systems
3. Landing Gear Construction and Door Mechanisms
4. Normal Gear Retraction and Extension
5. Manual Gear Extension
6. Nose Gear Steering
7. Power Steering System (Optional)
8. Wheel Brakes

PRESSURIZATION SYSTEM

1. General Information
2. System Controls
3. System Description
4. Normal Operation
5. Abnormal Indications and Troubleshooting

EFIS SYSTEM

1. General Description
2. EFIS Controls
3. Weather Radar Controls & Display
4. Electronic ADI (EADI)
5. EADI Warning Flags
6. Electronic HSI (EHSI)-HSI Format
7. Electronic HSI (EHSI)-ARC Format
8. Electronic HSI (EHSI)-MAP Format
9. Electronic HSI (EHSI) Warning Flags
10. Reversionary Modes
11. EFIS Pre-Takeoff Check

FLAP SYSTEM

1. Flap System
2. Asymmetrical Flap Protection

LESSONS

1. General Information
2. Aircraft Limitations 1
3. Aircraft Limitations 2
4. Emergency Procedures
5. Abnormal Procedures

6. Normal Procedures 1
7. Normal Procedures 2
8. Normal Procedures 3
9. Flight Controls
10. Warning Systems
11. Electrical System 1
12. Electrical System 2

13. Environmental System 1
14. Environmental System 2
15. Fuel System 1
16. Fire Protection
17. Powerplant 1
18. Powerplant 2
19. Propellers



COMPUTER TRAINING SYSTEMS

- ▶ Comprehensive examination covers subject matter from all assigned lessons.
- ▶ Estimated completion time: 19.0 hours

THE LEADER IN COMPUTER BASED AVIATION TRAINING

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