

# BEECH 1900C 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

### 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 Synchrophaser
11. Prop Ground Test

### 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

### PT6 ENGINE

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

### FLAP SYSTEM

1. Flap System
2. Asymmetrical Flap Protection

### OXYGEN SYSTEM

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

## 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
16. Fire Protection
17. Powerplant 1
18. Powerplant 2
19. Propellers



**COMPUTER TRAINING SYSTEMS**

► Comprehensive examination covers subject matter from all lessons.

**THE LEADER IN COMPUTER BASED AVIATION TRAINING**

200 W. Douglas, Suite 230 • Wichita, KS 67202  
TEL: 316-265-1585 • FAX: 316-265-1642 • EMAIL: sales@ctsys.com