Premier 1 2004

Presented by:
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Jet Lease

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Aircraft Total Time: 2410
Engine Total Time: 2410
Inspection Status: 2400 hr
inspection 4/2010

Standard Equipped Premier 1
Optional Avionics and Equipment:
  Honeywell Enhanced GPWS
  Emergency Locator Transmitter
  Three Tube EFIS Display
  Collins TCAS 4000 TCAS II
  Dual Collins VHF – 422C VHF Communications
  Collins TWR-850 Weather Radar

Optional Interior and Exterior:
**Opt A**  Optional Package A
  2 110 VAC Personal Computer Power Outlets
  90 OZ. Carpet with Standard Colors and Weave
  Relief Tube- Lavatory
  Aft Baggage Heat
  Two Bose Headsets AHX-02

**Opt B**  Option Package B:
  Leather Table Worksurface
  Enclosed Window Shades
  Remote Low Engine Oil Sensor System
  Right Side Ice Light
  77 Cu. Ft. Oxygen System
  Remote Control Entry Lighting
  Aft Maintenance Bay Lighting
  Refreshment/Hang up Baggage Cabinet
  Interior Metal Plating- Smoked Nickel
  Cockpit Sliding Door
Interior

Headliner
Console Cap
Upper Console
Lower Console
Upper Partition Mirror
Floor Covering
Table Worksurface
Cabin/Cockpit Chairs
Chairs - Seatbelts/Harness
Metal Plating
Laminate

Exterior Paint Scheme

Paint Design
Overall Matteritorn White with Blue and Gray Stripes

Standard Equipment

Standard Collins Primary Flight Display and Multifunction Display Two Display Arrangement
Pro Line 21 Flight Display System
DCP-3000- Display Control Panel With Controls For BARO, Menu Set, Range, Engine And V Speed Refs, Nav/BRG Source Selection, Weather Radar Menu,
Copilot’s Electronic Horizontal Situation Indicator- Collins SDU- 640

Monochrome Sensor Display Unit That Displays HIS, RMI, Heading, Course, Distance, Groundspeed, Time to Station, Lateral Deviation, and Bearing


Air Data System Includes: Dual ADC-3000 Air Data Computers, Dual Rosemount Pitot/Static Probes Dual Attitude Heading Reference System (AHRS) Includes: Dual AHC-3000 Attitude Heading Reference System Computers, Dual FDU-3000 Flux Detector Units

Flight Management System (Single FMS-3000 With Data Base) Includes: Dual CDU-3000 Control Display Units With Alpha & Numeric Keyboard For FMS and Radio Tuning (Comm, Nav, ADF, DME and Transponder), Left Side CDU Operates FMS and Radio Tuning, Right Side CDU only provides Radio Tuning, Single FMC-3000 Flight Management Computer, DBU-4100 Data Base Input Unit, Single GPS 4000A GPS Sensor Unit with Antenna, Battery Pack for Pilot’s CDU, Copilot’s Attitude Indicator, And Comm 1.

Weather Radar System Includes: WXR-800 Radar/ Receiver/ Transmitter with 12” Antenna Displayed On PFD/MFD

Radio Altitude System Includes: ALT-4000 Radio Altitude

Receiver/Transmitter with Dual Antennas displayed on PFD
Dual VHF-422A VHF Comm Transceivers with Dual Antennas- Frequency Display on PFD and CDU, Single CTL-23 Standby Comm/ Nav Tuning Panel for Ground Comm Dual VIR-432 VHF Navigation Receivers- Frequency Display on PFD and CDU Includes: Glideslope (GS) and Marker Beacons, Glideslope Display On PFD and SDU-640, Marker Lights Display on PFD, Includes: Nav, GS, And Marker Antennas

Single DME-442 Distance Measuring Equipment Display on PFD and MFD Single ADF-462 Automatic Direction Finder Display on PFD, MFD, and SDU Dual TDR-94 Mode S Transponders Dual Avionics Master Switches Static Wicks

Engine Indicating System Includes: Dual DCU-3000 Data Concentrator Unit with Display on (MFD and PFD (In Reversionary Mode)

Audio System Includes: Dual dB Systems DB-438 Audio Amplifiers with Crew Headset Interphone and Hot Microphone, Dual Auto Comm Switching, Dual Cockpit Speakers, Microphone Key button on Pilot’s and Copilot’s Control Wheels, Dual Hand held Microphones, Dual Boom Microphone Headsets with Jacks, Dual
Voice and Indent Filters, DB-630 Aural Tone Generator, DB-240 Paging Amplifier With Four Cabin Speakers Solid State Cockpit Voice Recorder- L3 Communications FA2100 with Remote Area Microphone (30 minute Recording Time)

Copilot’s 3” Spherical Electro-Mechanical Attitude Indicator Copilot’s 3” Pneumatic Airspeed Indicator- Maximum Allowable Copilot’s 3” Pneumatic Counter-Pointer Altimeter MDC-3000 Maintenance Diagnostic Computer

Engines
Two Williams-Rolls FJ44-2A Engines (Rated 2,300 LB Thrust Each) Engines Are Twin Spool, Turbofan, Jet Propulsion Engines with a Full Length Annular Bypass Duct Electronic and Hydro-Mechanical Fuel Controls

Standard Equipment
Engine Fire Detection System Engine Fire Extinguishing System Engine Fan Synchronizer

Flight Control System
Mechanical Primary Flight Controls Electronic Roll Trim Electronic Pitch Trim- Normal and Standby Electric Rudder Trim Electric Flaps with Asymmetric Protection Hydraulic Roll Control (Augments Aileron Control) / Speedbrakes/Lift Dump Spoilers Dual Stall Warning System Angle of Attack System Takeoff Configuration Warning System Rudder Boost Yaw Damper

Hydraulic
Two Engine Driven Pumps (3,000 PSI) 1.7 Gallon Pressurized System with Low Level Annunciator Ground Service Connections

Landing Gear and Brakes
Hydraulic Extension and Retraction System Single Main Gear Wheels and Tires (18 x 4.4, 10 Ply Rating) Single Main Gear Wheels and Tires (H22x8.25-10, 10 Ply Rating) Emergency Gear Extension System (Free-Fall) Mechanical Nose Wheel Steering Nose Wheel Pivot 360 degrees with steering Pin removed Independent Main Wheel Brakes Power Brakes with Anti-Skid System Parking Brake Hydraulic Emergency Brake System

Electrical

Internal Lights
Internally Lighted Instruments
Electroluminescent Switch Panels and Control Placards
Standby Instrument Lights
Two Overhead/ Sidewall Map Lights with Rheostats
Cabin Ceiling Lights
Entry Lights
Cabinetry Lights
Overhead Reading Lights
Table Lights

**External Lights**
Entry Lighting
Taxi/Landing Lights
Wing Tip and Tail Navigation Lights
Wing Tip and Tail Strobe Lights
Wing Inspection Ice Lights (left side)
Ground Awareness Beacon
Recognition Lights-Wingtip
Nose Baggage Light
Tail Cone Light

**Fuel Systems**
548 Gallons Total Usable Fuel
Capacitance Fuel Quantity Indicating System
Low Fuel Quantity Warning System
Fuel Temperature Indicator
Cross Transfer Fuel Pump
Two Ejector Jet Fuel Pumps
Two Fuel Boos Pumps (Electrical)
Two Shut-Off Valves
Two Transfer Ejector Jet Pumps
Six Manual Protection (Flame Arrestors)
Fuel Vent System

**Environmental**
Air Conditioning (32,000 BTU) and Heating System (67,000 BTU)
Dual Bleed Air Pressurization System (8.4 PSI)

**Pressurization**
Automatic Pressurization Controller
Low Cabin Pressurization Annunciator

**External Lights**
Two Pressure Regulated Shut-off Valves
Cabin and Cockpit Ventilation Blower
Automatic/Manual Mode Selector
Dual Zone, Cabin and Cockpit Temperature System with Independent Control and Cabin Control Transfer Switch

**Fuel Systems**
Two Outflow Valves Includes: Dump Solenoid, Maximum differential Pressure (DP) limiters And Negative DP limiters
Cabin Altitude Limiters

**Oxygen**
40 Cu. Ft. Oxygen System
Two Diluter Demand Regulated Crew Masks with Microphones (Quick Donning)

**Anti-Ice and Rain**
Seven Constant Flow Passenger Oxygen Masks
Engine Inlet Anti-Ice (Bleed Air)
Wing Leading Edge Anti-Ice (Bleed Air)
Windshield Anti-Ice (Electric Heat)
Pilot and Copilot Side Window Anti Fog (Electrical Heat)
Horizontal Stabilizer Deice (Electrical Heat)
Horizontal Stabilizer Deice (Electrical Heat/ Electrical Mechanical)
Pilot-Static System Anti-Ice (Electrical Heat)
Angle of Attack Transmitter Anti-Ice
Windshield Defog (Heated Air)
Dual Ice Detectors (Electrical Heat)
Controls And Instrumentation: Pilot’s Panel

Primary Flight Display Presentation
Normal Operation:
Altitude (MDA, Preselect Altitude)
Distance Measuring Equipment (DME)
Readout Airspeed Indicator (With V1, V2, VR Speed References)
Altimeter/ Vertical Speed Indicator
Combined Radio Altitude Display/
Decision Height
Attitude Indicator (Pitch and Roll)
Flight Guidance Annunciation

Lateral Deviation- Flight Management System (FMS), Localizer, VOR
Vertical Deviation- FMS, Glideslope
Radar Symbology
Radio Frequency- Comm 1 And 2, ATC
1 or 2, Nav 1 and 2, ADF
RAM Air Temperature
Map Display
UTC Clock/ Timer
Engine Parameters (In Reversionary Mode Only)
Multi-Function Display Presentation in Normal Operations:
N1: Digital Display and Analog Scale with N1 Reference Markers
ITT: Digital And Analog Display
N2: Digital Display
Fuel Flow: Digital Display
Oil Pressure and Temperature: Digital Display
UTC Clock
Checklist/Maintenance Diagnostics
Radar Symbology
Moving Map Presentation
Pilot’s Audio Panel
Display Control Panel

Master Warning Master Caution Lights
Controls and Instrumentation:
Copilot’s Panel
Airspeed Indicator
Electro-Mechanical Attitude Indicator
Altimeter
Instantaneous Vertical Speed Indicator
Electronic Horizontal Situation Indicator
Copilot’s Audio System
Master Warning and Master Caution Lights

Controls And Instrumentation: Center Panel/Sub Panel/Pedestal

Center Panel:
Flight Guidance Panel
Annunciator Panel
CTL-23 Tuning Unit
Pressurization Controls
Engine Firewall Controls
Engine Fire Extinguisher Controls
Sub Panel:
Environmental Controls
Oxygen Pressure Gauge
Hydraulic Pressure Gauge
Load Meters
Volt Meter
Fuel Quantity Indicators
Cabin Altitude/Pressure Indicator
Pedestal:
Engine Controls
Dual Control Display Units (Pilot’s CDU Provides Radio Tuning and FMS control, Copilot’s CDU provides Radio Tuning only)
Flap Position Indicator
Flap Control
Pitch Trim Indicator
Rudder Trim Indicator
Roll Trim Indicator

Rudder Boost
Yaw Damper
Speed Brake
Parking Brake/Emergency Brake

**Cabin**
Six passenger Chairs in Cabin- Four arranged in forward club configuration and two forward facing aft seats. All chairs feature retractable headrest retractable inboard armrest, three-point restraint system, life vest storage, and seat back storage pocket. The four chairs in the Club Configuration also feature lateral fore-aft tracking, 180 degree swivel and full berthing recline aft cabin, non-belted, flushing toilet with toilet paper dispenser.
Aft cabin partitions with sliding privacy doors

**Standard Equipment**
Forward Right Hand refreshment/baggage cabinet features A cabin light switch, hot water switch, lighting over the service area, hot water tank, cup dispenser, condiment bin, drip pan with sponge, front fold down work surface, pull out bin for mini liquor bottle and general storage, JEPP Book storage (2books), stainless steel trash container, ice chest, general storage provisions, disk reader, fold out coat hook, and baggage tie down provisions Cabin temperature and lighting control Panel
Two Executive Tables
Center Aisle Carpet Protector
Cabin Fire Extinguisher (Halon)
Warning: Contains Halon Substance which harms public health and environment by destroying ozone in the upper atmosphere
Fasten Seat Belt/ No smoking signs
Emergency Exit Signs
Cabin Coat Rod
Overhead Panels Containing An oxygen mask, air vent and reading light for each passenger
Individual passenger cup holders
Pleated Window Shades
Aft Lavatory Coat Hang-up Provisions

**Cockpit**
Two complete crew stations with dual controls. Includes: control wheels, adjustable pedals and brakes. Removable lighted control wheel approach chart holders
Crew Seats that are fully adjustable and include five-point restraint harnesses
Emergency Oxygen system that provides two diluter demand masks for the crew members
Pilot and Copilot Nav chart storage cases
Crew station cup-holder
Crew station Assist Handle
Cockpit-Cabin Partition With Curtain Cold/Fresh Air outlets
Cockpit Hand Fire Extinguisher (Halon)

**Publications**
Directory- Raytheon Aircraft Service Centers
Certificate of Aircraft Registration
Certificate of Airworthiness
Aircraft Component Serial No.
Inventory
Aircraft Log Books / Engine Log Books
CD-ROM Aircraft Maintenance Manual