

# **JetLease**

P A L M B E A C H



**Premier 1 2004**

**Presented by:  
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**JetLease**

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[www.jetlease.com](http://www.jetlease.com)**

**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

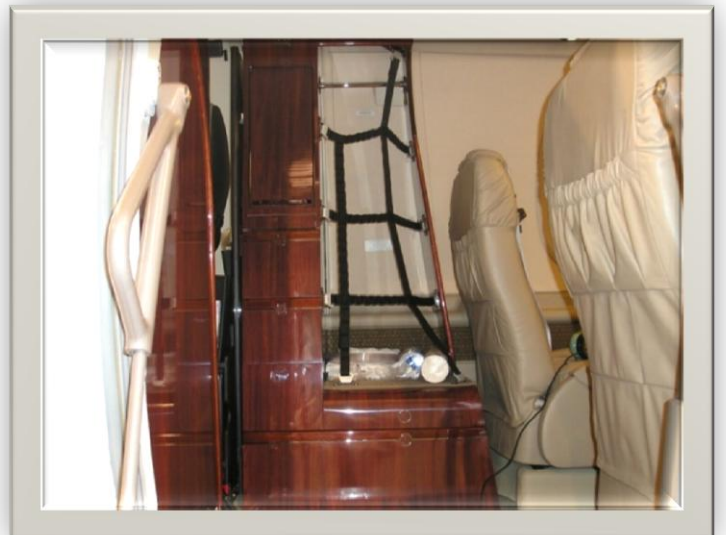
**Opt B Option Package B:**

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



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## **Interior**

Headliner	Parchment Stretchcrepe
Console Cap	Birch Leather
Upper Console	Smooth Woodland Elan Fabric
Lower Console	Birch Leather
Upper Partition Mirror	Bronze Jetmirror
Floor Covering	Peppble Frieze Carpet
Table Worksurface	Birch Leather
Cabin/Cockpit Chairs	Birch Leather
Chairs- Seatbelts/Harness	Fawn
Metal Plating	Smoked Nickel
Laminate	Acajou Mahogany

## **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  
Includes: Pilot's AFD-3010- Primary  
Flight Display With Altitude Preselect,  
Minimum Decision Altitude Select,  
Airspeed, Vertical Speed, Radio  
Altitude, Altitude, Slip/ Skid, Flight  
Guidance Mode Annunciation, Lateral  
And Vertical Course Deviation,  
Distance, HIS, Weather Radar, Map,  
Bearing, Radio Frequency Display,  
Elapsed Time, Universal Time  
Coordination Clock, Ram Air  
Temperature; AFD- 3010 Multifunction  
Flight Display With Engine Parameters,  
Map, Weather Radar, Temperature,  
Checklists.  
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 Flight Guidance System (FGC- 3000 Autopilot) Includes: Dual FGC-3000 Flight Guidance Control Panel, SVO-3000 Pitch Servo, SVO-3000 Roll Servo, SVO-3000 Yaw Servo, Yaw Damper, Automatic Pitch Trim, Control Wheel Manual Electric Pitch Trim, Rudder Boost, IAPS-3000 Integrated Avionics Processor System

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 Pivots 360 degrees with  
steering Pin removed  
Independent Main Wheel Brakes  
Power Brakes with Anti-Skid System  
Parking Brake  
Hydraulic Emergency Brake System

#### **Electrical**

Two Starter/ Generators, 300 Ampere,  
28 Volt D.C. Left and Right Generator  
Busses, Essential Standby Bus  
24 Volt, 40 Ampere-Hour Sealed Lead  
Acid Battery  
External Power Receptacle (28V-1,500  
Ampere Limit)  
Over-Voltage Protection  
Reverse Current Protection  
Feeder Fault Protection Generator

#### **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)

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

**Pressurization**

Automatic Pressurization Controller  
Low Cabin Pressurization Annunciator

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)  
Seven Constant Flow Passenger Oxygen Masks

**Anti-Ice and Rain**

Engine Inlet Anti-Ice (Bleed Air)  
Wing Leading Edge Anti-Ice (Bleed Air)  
Windshield Anti-Ice (Electrical 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 Extingisher 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-holders

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