

**2004 Leonardo
AB139**
#31010 | HB-ZGC



CONTACT

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VIRTUAL TOUR

2004 Leonardo AB139

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TOTAL HOURS

3,477.38 hours since new

ENGINES

Pratt & Whitney Canada PT6C-67C

#	S/N	Total Time
1	PCE-KB0073	2,665.47
2	PCE-KB0119	3,018.32

HIGHLIGHTS

One Owner Since New

Dual Pilot IFR Cockpit

12 Passenger Layout

4-Axis DAFCS

AIRFRAME

Aluminum alloy fuselage
Acrylic Windshields
Overhead windows
Fresh air adjustable outlets
Forced fan ventilation (provision for)
Bleed air header and defroster with air noise suppression
Heated Pitot tubes w/ Pitot heat failure warning (2)
Heated static intakes (2)
Cargo tie-down fittings
Pilot cabin fire extinguisher
Pilot's doors (2 for pilot's cabin)
Plug-in sliding doors (2) for PAX cabin access with emergency exit windows on each door
Baggage compartment
Wheeled retractable tricycle Landing Gear (2 wheels on nose gear)
Mooring and jacking fittings
Tail-boom and vertical fin
Stabilizer

ROTORS & CONTROLS

Fully-articulated main rotor with five composite blades, five elastomeric bearings and five hydraulic dampers
Rotating main rotor flight controls
Three main dual servo actuators
Fully-articulated tail rotor with four composite blades, four elastomeric bearings and four elastomeric dampers
Rotating tail rotor flight controls
One tail rotor dual servo actuator
Force trim system
Pilot fixed flight controls (cyclic, collective, rudder)
Co-pilot fixed flight controls (cyclic, collective, rudder – provisions for)
Engine mechanical back-up control (2)
Dual digital three-axis linear actuators (6)

ELECTRICAL SYSTEMS

DC primary power generation: 28-volt DC regulated voltage provided by two independent 300-amp starter generators
DC external power receptacle
One nickel-cadmium battery 40 Ah plus one 13 Ah auxiliary battery
DC starter generator control unit (2)
Manual engine start and ignition system (2)
Navigation lights
Anti-collision lights
Landing light/search light
Utility lights
Pilot cabin dome light
PAX cabin lights (dome or reading lights according to interior configuration)
Tritium-lighted emergency exit signs
Seatbelt/no smoking signs
Baggage compartment light & fire/smoke sensor
AC static inverters system (provisions for)

Spec updated: June 30, 2023

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TRANSMISSION / DRIVE SYSTEM & HYDRAULIC SYSTEM

Main transmission with chip detectors/debris collectors with burning capability

Four strut rods for upper deck attachment and anti-torque plate

Intermediate gearbox (sight gage and magnetic drain plug/chip detector)

Tail gearbox (sight gage and magnetic drain plug/chip detector)

Two hydraulic power control modules (PCMs)

Three hydraulic mechanical pumps for controls (2 independent sys) and one electrical pump for controls check on ground (engines off)

Upper-deck cowlings

Provisions for BCS compressor

COMMUNICATION SYSTEM

Primus Epic HF 1050 long-range system

Microphone and headset (2)

Interphone control (cyclic grip and floor switches) (2)

Stand-alone VHF/AM radio equipment

Intercommunication control panel

POWER PLANT & FUEL SYSTEM

Two Pratt & Whitney Canada PT6C-67C engines

EEC (Electronic Engine Control)

Overriding clutches

Two magnetic chip detectors

Two integrated and independent engine oil coolers

Separate firewall protection for each engine

Fire detecting system

Cowlings

Engine exhausts and ejectors

Two independent crashworthy fuel cells

Pumps on engines (2) and submerged in fuel tanks (2)

Fuel filter assembly

INTERIOR

Standard cabin and cockpit liners with soundproofing

Pilot/Co-pilot crashworthy seats

12 padded crashworthy utility passenger seats

Windshield wipers

Steps for cabin access

Pilot steps for cockpit access

ADDITIONAL STANDARD EQUIPMENT

Second radar altimeter system

Flight plan management system (FPMS) and GPS module with MCDU

Dual flight director system integrated with MAU

Steps for passenger cabin access and cockpit access

Rotor brake

ELT

Air conditioning and heating

EAPS- Engine Air Particle Separator

Slope Operation Envelope Extension to 10°

Cargo hook and cargo camera provision

Aux Fuel Tank

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4-Axis DAFCS

FLIGHT/ENGINE INSTRUMENTATION

PFD (Pilot Primary Flight Display 8 x 10 color Active Matrix Liquid Crystal Display) as part of Honeywell Primus Epic System for visualization of flight and navigation data

MFD (Pilot Multifunction Display 8 x 10 color Active Matrix Liquid Crystal Display) as part of Honeywell Primus Epic System for visualization of flight and navigation data

AHRS (Attitude and Heading Reference System)

ADM (Air Data Module)

Flux valve

Display Controller

Cursor Control Device

Reversion Control Panel

Display Dimming Control Panel

Stability Augmentation System (SAS) Controller

Modular Avionics Units (MAUs):

- Vehicle Monitoring System - VMS (dual)

- Monitor Warning System - MWS (dual)

- Aural Warning Generator - AWG (single)

- Central Maintenance Computer - CMC (single)

- 4-axis Digital Automatic Flight Control System - DFACS (dual) with Autotrim function

- Flight Data Acquisition Unit - FDAU (single)

Clock (digital)

Magnetic Compass

Free air temperature indicator

Master Warning Light (MWL)

Master Caution Light (MCL)

Engine 1 fire light

Engine 2 fire light

Baggage fire light

SINGLE/DUAL PILOT IFR

Electronic Standby Instrument System (ESIS) (attitude, airspeed, altitude, vertical speed, compass and ILS data)

Second PFD (co-pilot display)

Second Master Warning Light

Second Master Caution Lights

Co-pilot clock

Dual control

Second display controller

Remote Instrument Controller

Second cursor control device

Left modular radio cabinet with following modules:

- 1 VHF Comm

- VOR/LOC/GS/MB

Right modular radio cabinet with the following modules:

- 1 VHF Comm

- 1 Mode-C diversity transponder

- 1 VOR/LOC/GS/MB

- 1 ADF

- 1 DME

Emergency communication panel

RMU - Radio Management Units

Radio Altimeter (RT - 300)

Cockpit digital audio panel with remote ICS audio port for ground operation

PAX audio panel for 1 headset

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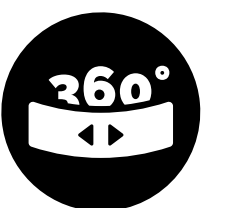
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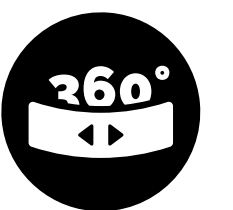
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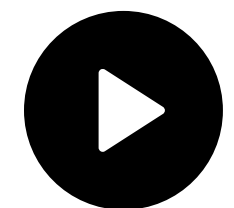


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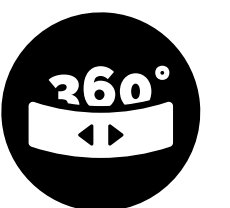
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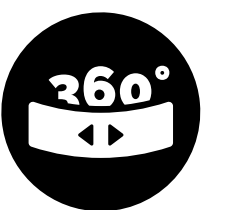
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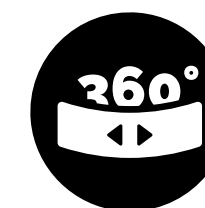
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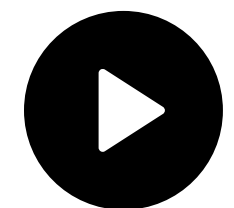


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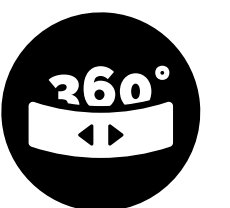
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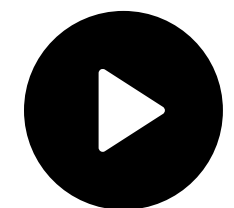


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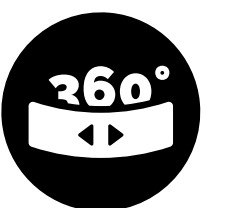
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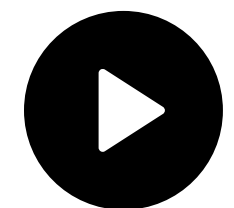


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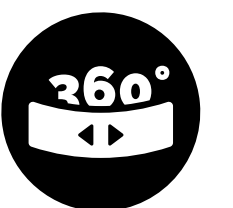
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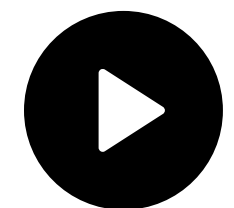


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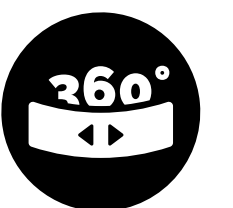
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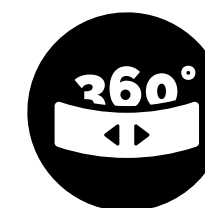
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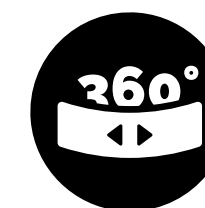
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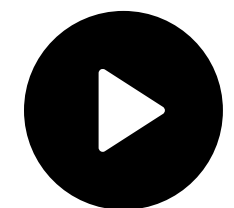
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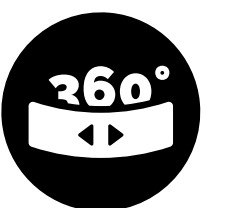
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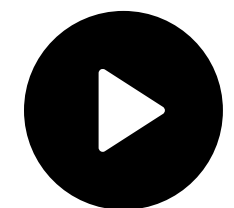
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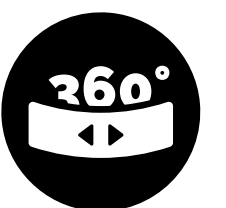
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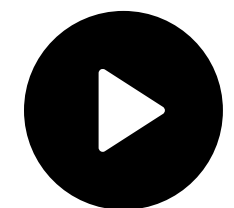
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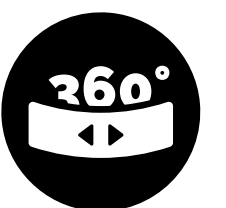
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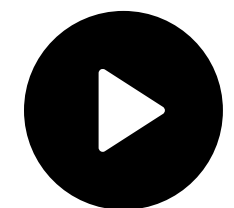
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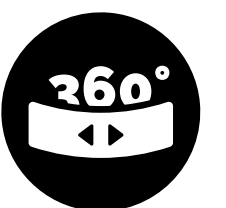
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