

**2013 Leonardo
AW119 Kx**
#14802 | N546LF



CONTACT

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VIRTUAL TOUR

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TOTAL HOURS

3,370.50 Hours Since New

CSN

9,138 Cy

ENGINE

Pratt & Whitney PT6B-37A

S/N	TSN	CSN
PCE-PU0209	3,151.7	6,997 Cy

HIGHLIGHTS

EMS configured

3 axis AutoPilot

Garmin 1000 flightdeck

USA based & FAA registered since new

Fleet of sisterships available for sale / lease

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BASIC AIRCRAFT

a. Airframe

Aluminium alloy and bonded panel fuselage
Semi-monocoque aluminium alloy tail boom
New reinforced skid type landing gear
Two hinged jettisonable crew doors (LH & RH)
Two sliding passenger doors (LH and RH), 1.10 m opening, with jettisonable windows
Acrylic windshield and side windows
Acrylic overhead windows
Removable fibreglass tail rotor gearbox fairing
Quick removable tail rotor drive shaft cover
Separate baggage compartment with hinged door
Three jacking points
Removable fairing and cowlings, for complete accessibility to the controls and drive components
Quick opening hinged inspection doors, to allow visual check of engine oil levels and maintenance inspection points
Grounding points

b. Rotors and controls

Titanium main rotor hub, corrosion protected, fully articulated with four composite grips, four elastomeric bearings, four individually interchangeable composite material blades, swept tips, and dampers
Steel tail rotor hub, corrosion protected, semi-rigid delta hinged type, with two composite blades, individually interchangeable
Cyclic and collective controls powered by two hydraulic systems
Hydraulically powered anti-torque system

Adjustable friction devices on cyclic and collective system
Force trim and artificial feel system
Adjustable directional control pedals
Flapping and droop restraint mechanism

c. Power plant and fuel system

Pratt & Whitney Canada PT6B-37A turboshaft engine
Engine mounted fuel pump and filter assembly
Engine mounted oil pump and filter assembly
Engine mounted fuel control and governor
Electronic Engine Control (EEC)
Lubrication and cooling system
Engine oil chip detector (1)
Engine mounted fuel heater
Fuel system control panel
3-cell fuel system (605 l -160 USG)
Submerged fuel pumps (2 boost and 1 transfer pump)
RH refuelling point

d. Transmission drive system and hydraulic system

917 shp for take off and 900 shp continuous operation
main transmission
Two-stage transmission
Transmission mounted hydraulic pumps (2) with separate reservoir
Internal dry sump transmission lubrication with pressure and scavenge pump and oil filter
Transmission oil chip detectors (2)
Single stage, bevel gear T/R 90° gear box including oil level sight glass and chip detector

Transmission cooling and lubrication system
Transmission shafts

e. Electrical system

28 V DC 22 Ah nickel-cadmium battery with temperature probe
200 A self-cooled starter generator
Voltage regulator
Battery relay
Interconnecting bus relay
External power relay
Distribution buses (2)
External power receptacle
Position lights
250 W landing lights (2)
Anti collision lights (2)
Cockpit utility lights (2)
Instrument lights with dimming switch
Radio master switch

f. Flight instruments -pilot

Airspeed indicator
Barometric encoding altimeter
Vertical speed indicator
Magnetic compass indicator
Clock, 8 days and elapsed time
Dual tachometer backup instrument

g. Instrumentation (on G1000 Display)

Inter turbine gas temperature indicator (ITT°C)
Engine torque indicator (TQ%)

Compressor speed indicator (N1%)
Turbine speed indicator (N2%)
Rotor speed indicator (NR%)
Transmission oil pressure (PSI) and temperature (° C) indicator
Engine oil pressure (PSI) and temperature (° C) indicator
Fuel pressure (PSI) and fuel quantity (kg) indicator
Two hydraulic pressure system indicators (PSI)
Outside air temperature indicator (° C)
DC voltmeter (VDC)
DC ammeter (Amp)

h. Central warning system

Master warning lights
Master caution lights
Warning, caution and advisory messages
Aural warning generator system

i. Interior arrangement

Two individual pilot seats, fore and aft adjustable, with lap belts and headrests
Aluminium alloy honeycomb reinforced floor with anti-skid finishing
Ventilation ram air inlets
Anti reflection instrument panel

j. Exterior finishing

Finishing in accordance with manufacturer specification (NT A893A)
Primer exterior painting

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STANDARD EQUIPMENT

- 27 Ah battery (in lieu of 22 Ah battery)
- Active Noise Reduction (ANR) headsets (pilot and co-pilot)
- Baggage compartment lights
- Crew open door actuators
- First aid kit
- Fuel drain electrical valves
- Portable fire extinguisher
- Quick disconnecting chip detectors
- Shoulder harness with inertial reels (pilot and co-pilot)
- Tail boom strake

INTERIOR

- Bleed air heater
- Primer finished cabin walls

VFR AVIONIC PACKAGE

- Garmin G1 000H System**
- Display G1000H Panel LH and RH
 - Engine/Airframe I/O GEA71 H
 - Signal Conditioner GSC46
 - Integrated Avionics Unit GIA63H
 - AHRS GRS77H
 - AHRS Magnetometer GMU44
 - Air Data Unit GDC74H
 - TAS GTSBOO
 - Transponder GTX33H

ADDITIONAL EQUIPMENT

- Baggage compartment extension (1.9 m)
- Reinforced windshield (pilot and co-pilot)
- Rotor brake
- Sliders on cockpit doors windows
- Windshield wipers (pilot and co-pilot) with wiper switch on cyclic grips

ADDITIONAL AVIONIC EQUIPMENT

- AC power supply system (2 inverters)
- NAT Digital ICS
- AFCS 3-axis duplex SP-711 Honeywell

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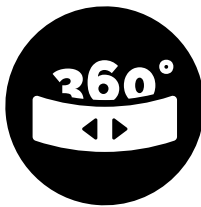
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INTERIOR COMPLETION/MISSION EQUIPMENT

1. EMS Interior - Single/Dual Stretcher - Fixed Parts

- Head liner with soundproofing and EMS provisions
- Side liners LH and RH with EMS provisions
- Aft EMS liners with rails
- Bench panels with rear EMS provisions and stretcher rear lock mechanism
- Stretcher platforms provision
- Cargo net provision
- Floor equipped with rails and drains
- EMS electrical system
- 3rd ICS station in passengers cabin
- Sliders on cockpit and cabin doors windows

2. EMS Interior -Single Stretcher Installation - Removable Parts

- Medical cabinet with oxygen system provisions
- Primary stretcher platform with front lock mechanism
- Primary foldable stretcher (Qty 1)
- Interior cargo net
- Seats and stretcher covered with leatherette
- Co-pilot seat that rotates to face aft

3. Aft facing sliding/rotating seat

- Foldable fwd facing seats with headrests (Qty 2)
- 3-point shoulder harness with inertial reels and black colored safety belts for all passenger seats
- Special rubber floor carpet

LIFE FLIGHT NETWORK SPECIFIC AVIONICS UPGRADE

1. New Instrument Panel
2. G1000H Synthetic Vision Cards
3. Radar Altimeter
4. XM Weather
5. GTX 330
6. TCAS (TAS compatible with G1000)
7. FM (TDFM 6158) with control heads in cockpit and cabin (LH Cabin)
8. SkyConnect with MMU in cockpit and cabin
 - a. MMU in cockpit voice only-slant console
 - b. MMU in cabin voice and text-LH Valance
9. EL T C406-2HM

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OTHER OPTIONAL EQUIPMENT

1. NVG Conversion Package

2. Super Night Scanner Searchlight

3. LED Loading Lights (2 per side)

4. LED Pulsed Landing Lights
 - a. Non Pulsed
 - b. Pulsed Together
 - c. Pulsed when TAS outputs Traffic alert to help alert presence in traffic.

5. LED Tail Rotor Lights (Tel Tail Lights)

6. LED Navigation Lights

7. LED Beacon LOX System (In Lieu of Gaseous Oxygen System)
 - a. Air outlet LH Valance
 - b. Lox Outlet 55PSI min LH and RH Valance
 - c. Lox Gauge -RH Valance -momentary read with power off/permanent read with power on
 - d. Lox Regulator LH Valance

9. 2nd LOX Bottle

10. Tanis Heater (M/R G/B, T/R G/B, Engine, and Hydraulic Tank)

11. Lead Acid Battery
12. Wire Strike Protection System

13. Tail Rotor Pedal Lockout

14. Tail Rotor Pedal Extension

15. Inlet Barrier Filter

16. Pulsed Chip Detectors

17. Air System

18. Suction System (Suction regulator LH Valance)

19. Medical Mount Propaq Zoll MD -Rear Roof LH Corner

20. Medical Mount Care Fusion L TV1200 -Installation on slide out center of litter base with reinforced base and footman loops to secure.

21. Medical Mount Mini-Med Pump-Cabin LH side above window on brownline and not Parrot Pole.

22. Isolette Deck -with Mount for D Cylinder

23. IV Warmer

24. IV Hooks

25. Oxygen Bottle Mount (in Cabin) -Mount for "O2" portable "D" -Cabin rear RH side behind fwd facing seat (in tunnel)

26. Locking Fuel Cap
27. Second Stretcher

28. Air Conditioner (Air Comm Corporation with dual evaporators)

29. Bear Paws with wear plate kit

30. Pouches

31. Life Flight Network Logo on Cockpit and Cabin Headrests.

32. Retractable Landing Light 450W

33. Additional Brownline
 - a. Under fwd edge of bulkhead below fwd facing seats
 - b. Two rails in tunnel area

34. Shoreline Power
 - a. Connections for
 - i. Tannis Heater
 - ii. EMS Sockets
 - iii. Cabin Ground Socket (i.e. heater)

35. iPad Pocket/Map Pocket

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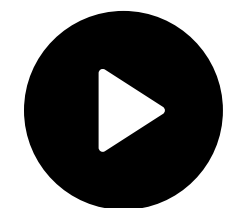
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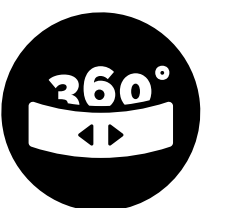
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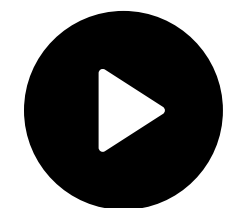
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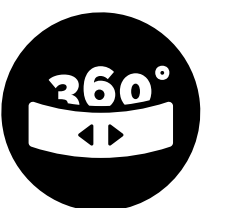
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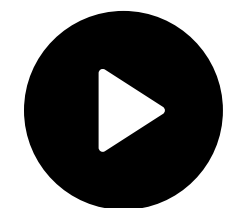
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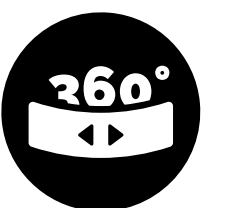
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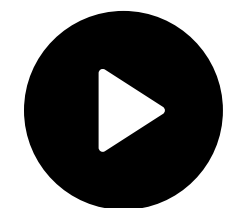
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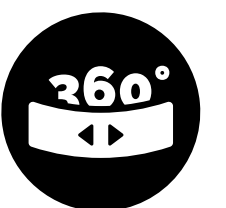
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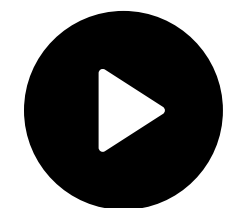
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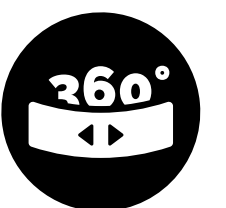
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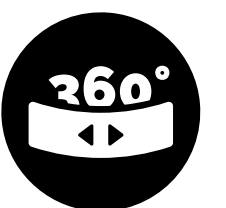
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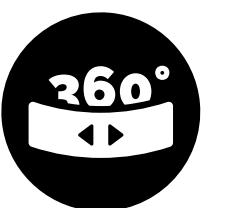
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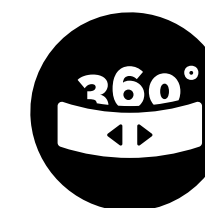
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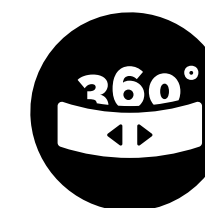
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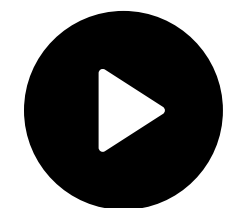
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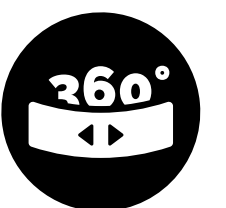
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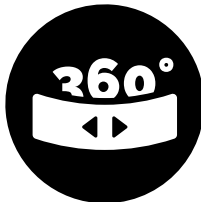
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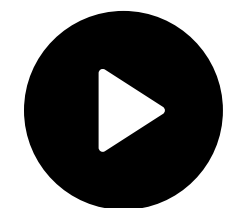
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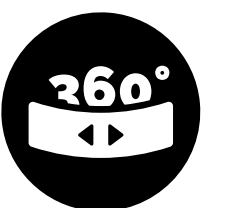
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