

## Exported Listing



## Leonardo AW139

**Contact Seller For Price**

<b>Manufacturer</b>	Leonardo
<b>Category</b>	n/a
<b>Configuration</b>	Other
<b>Year</b>	2012
<b>Time</b>	7690
<b>Price</b>	n/a
<b>Serial Number</b>	n/a
<b>Registration Number</b>	n/a



### Description

Price Reduced....contact us to discuss 2011 AW139 LONG NOSE. PHASE 5 AVIONICS SOFTWARE. AIRFRAME AND ENGINES ARE ON PROGRAMMES. MAUW 6,800KG.

**For inquires you can reach the seller at:**

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## Avionics

### Standard Avionics Package

- 1st PFD (Pilot Primary Flight Display 8" x 10" colour Active Matrix Liquid Crystal Display) as part of Honeywell Primus Epic System for visualization of flight and navigation data
- 2nd PFD (Co-pilot Primary Flight Display 8" x 10" colour Active Matrix Liquid Crystal Display) as part of Honeywell Primus Epic System for visualization of flight and navigation data
- 1st MFD (Pilot Multifunction Display 8" x 10" colour Active Matrix Liquid Crystal Display) as part of Honeywell Primus Epic System for visualization of flight and navigation data
- 2nd MFD (Co-Pilot Multifunction Display 8" x 10" colour Active Matrix Liquid Crystal Display) as part of Honeywell Primus Epic System for visualization of flight and navigation data
- 1 Electronic Standby Instrument System (ESIS) (attitude, airspeed, altitude, vertical speed, compass, and ILS data)
- 2 Attitude and Heading Reference Systems (AHRS)
- 2 Air Data Modules (ADM)
- 2 Flux Valves
- 2 Display Controllers (DC)
- 2 Cursor Control Devices (CCD)
- 1 Reversion Control Panel (RCP)
- 1 Display Dimming Control Panel (DCP)
- 1 Stability Augmentation System (SAS) control panel 2 Remote Instrument Controllers (RIC)
- 2 Modular Avionic Units (MAU) incorporating the following major subsystems and/or functions:
  - Vehicle Monitoring System (VMS) dual
  - Monitor Warning System (MWS) dual
  - Aural Warning Generator (AWG) single
  - Central Maintenance Computer (CMC) single
  - 4-axis dual Digital Automatic Flight Control System (DAFCS) Basic Provision for CVR/FDR data interface (single)
  - Flight Director System (dual)

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- Pilot and co-pilot headsets
- Pilot and co-pilot interphone control (cyclic grip and floor switches)
- Left Modular Radio Cabinet (MRC) with the following modules:
  - 1 VHF Comm.
  - 1 VOR/LOC/GS/MB
- Right Modular Radio Cabinet (MRC) with the following modules:
  - 1 VHF Comm
  - 1 Mode S diversity transponder 1 VOR/LOC/GS/MB
  - 1 ADF
  - 1 DME
- 2 pedestal mounted Multi Control Function Display Units (MCDU)
- 1st radar altimeter RT-300
- 2nd radar altimeter RT-300
- Emergency Locator Transmitter (ELT)
- 1 Flight guidance controller
- Honeywell GPS module with Flight Plan Management System (FPMS)
- Pilot and co-pilot digital audio panels with remote ICS audio port for ground operation
- Pilot clock (digital)
- Co-pilot clock (digital) 1 Magnetic compass
- 1 Outside air temperature indicator 2 Master Warning Lights (MWL)
- 2 Master Caution Lights (MCL) Engine 1 fire light
- Engine 2 fire light
- Baggage compartment smoke detector
- Dual electrical power connection for CVR/FDR (FAA requirement compliant)
- Cockpit voice Recorder & Flight Data Recorder (CVR/FDR) with Underwater Locator Beacon (ULB)

## Equipment

### EQUIPMENT HIGHLIGHTS

- BLEED AIR HEATER AND DEFROSTER WITH AIR NOISE SUPPRESSIONS
- FIRE EXTINGUISHER
- TWO PLUG-IN SLIDING DOORS FOR PASSENGER CABIN ACCESS WITH 4
- LOCKING LATCHES
- PASSENGER DOORS STOP IN FULLY OPEN POSITION

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- WHEELED RETRACTABLE TRICYCLE LANDING GEAR (2 WHEELS ON NOSE GEAR AND BRAKES ON MAIN LANDING GEAR)

- HOISTING AND JACKING FITTINGS

- 2 ANTI-VIBRATION MASSES UNDER CABIN FLOOR

#### POWER PLANT AND FUEL SYSTEM HIGHLIGHTS

- 2 PRATT & WHITNEY CANADA PT6C-67C TURBOSHAFT ENGINES

- 2 INDEPENDENT FADEC SYSTEMS WITH AUTOSTART AND ENGINE CONTROL

- FUNCTIONS FOR NORMAL, EMERGENCY AND TRAINING OPERATIONS

- 2 INTEGRATED AND INDEPENDENT ENGINE OIL COOLERS

- 2 MAGNETIC CHIP DETECTORS

- SEPARATION FIREWALL PROTECTION FOR EACH ENGINE

- FIRE DETECTION SYSTEM

- FIRE EXTINGUISHER SYSTEM (2 BOTTLES)

#### ROTORS AND CONTROLS HIGHLIGHTS

- Fully articulated Main Rotor (M/R) with 5 composite blades, 5 elastomeric bearings and 5 hydraulic dampers

- Rotating M/R flight controls

- Main rotor hub beanie

- 3 Main dual servo actuators

- Fully articulated Tail Rotor (T/R) with 4 composite blades, 4 elastomeric bearings and 4 elastomeric dampers

- Rotating T/R flight controls

- 1 T/R dual servo actuator

- Force trim system

- Pilot fixed flight controls (cyclic, collective, anti-torque pedals)

- Co-pilot fixed flight controls (cyclic, collective, anti-torque pedals) Dual digital 3-axis linear actuators

- Rotor brake

- Provision for main rotor tracking (magnetic pick-up)

#### Miscellaneous/Ground Equipment

- Covers and flags: 2 engine exhaust pipes, 2 engine air inlets and 2 pitot tubes, 1 battery connector warning flag

- 5 Tie-down assemblies for main rotor blades

- 1 Tail rotor blades flapping block

- 1 Main rotor blades sock pole

- 2 Main landing gear wheel chocks

- 1 Nose landing gear centre pin and 1 landing gear handle locking pin

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- 1 Jacking dome assy

Offshore configuration

Offshore common package:

- ADELTA (Automatic Deployable ELT w/ NAV interface w/ GPS) in lieu of std ELT Emergency floats (AFDS)
- Helicopter Emergency Exit Lighting System (HEELS)
- 2 Life Rafts up to 17 passengers
- Weather Radar – Primus 660 – Honeywell
- Additional anti-collision lights under fuselage
- Two strobe lights on tail plane

Offshore additional package:

- Co-pilot storm hinged window
- Central approach chart holder with lights
- Separate 4 points seat belts
- Auxiliary heavy-duty battery 27 Ah
- Enhanced Ground Proximity Warning System (EGPWS)
- Flight Operation Quality Assurance Equipment (FOQA/HOMP)
- Health & Usage Monitoring System (HUMS)
- TCAS I – KTA 970 – Honeywell Bendix / King
- Baggage load capacity increase to 300 kg
- Cargo net in baggage compartment
- Auxiliary transversal fuel tanks USGall 132 provision
- Air conditioning
- Main rotor blades high visibility painting
- Closed circuit refuelling plus ISO 45 pressure adaptor
- Rescue hoist single (Goodrich) provision
- Cargo hook (2.200 kg / 4.850 lbs) provision
- VHF/FM
- SATCOM IRIDIUM
- NPX 138 NAT
- ISAT 100 Skytrack
- Lighting detector system
- LSZ 860 Honeywell
- Direction Finder DF 935-2 Chelton with multi-beacon tracking and OPTI or On Top Position Indicator)
- Rescue hoist single (Goodrich) – removable

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- Cargo hook (2.200 kg/4.850 lbs) – removable
- Medical evacuation (MEDEVAC) – 4 longitudinal Stretcher:
  - One piece open frame to support the stretcher
  - 4 stretchers

## Interior

- Pilot and co-pilot crashworthy seats (with inertial reels and safety belts) Cockpit dome/storm light
- 2 Cockpit utility lights
- 28 V DC cockpit/cabin power outlet
- Cockpit panel sun-glare shields
- Overhead cockpit windows sunshades
- Floor provisions for 15-seat configuration
- Fluorescent lighted emergency exit signs
- Cockpit map and data case in central console
- 2 Flashlights for pilot and co-pilot
- Map and data cases in pilot and co-pilot doors
- ICS panel with plug for one headset
- Air ventilation system
- First Aid kit

### Offshore configuration

#### Offshore cabin basic settlement

- Silent soundproofing
- Standard roof liners with dome lights
- Composite liners painted
- ICS panel, one position in passenger cabin (LH side)
- Passenger Address System including loudspeakers on std ICS
- Fixed steps for passenger cabin access
- Rubber floor carpet

12 padded crashworthy comfortable seats fabric or leatherette covered with inertial reels and safety belts disposed on 3 rows

## General Characteristics

### Basic aircraft

- Aluminium alloy fuselage

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- Acrylic windshields
- Overhead cockpit windows Cockpit ram air adjustable outlets Forced fan ventilation
- Bleed air heater and defroster with air noise suppressions
- 2 Heated Pitot tubes with 2 pitot heat failure warning
- 2 Heated static intakes
- 1 Cockpit and 1 Passenger cabin fire extinguisher
- 2 Pilot doors with push-out emergency exit window (with 'storm window on pilot side)
- 2 Plug-in sliding doors for passenger cabin access with 4 locking latches
- Passenger doors stop in fully open position
- 6 Cabin push-out emergency exit windows (2 on each passenger cabin door)
- Baggage compartment with 2 lockable baggage compartment doors (LH and RH)
- Baggage compartment cargo tie-down fittings
- Wheeled retractable tricycle landing gear (2 wheels on nose gear and brakes on main landing gear)
- Structural provisions for nose landing gear doors
- Landing gear mooring
- Upper deck mooring provisions
- Hoisting and jacking fittings
- Tail boom and vertical fin
- Stabilizers with composite 'winglets'
- Pilot and co-pilot windshield wipers
- Maintenance steps for access to upper deck on both sides
- Upper deck cowlings (1 front forward sliding, 2 side opening for engine access)
- Steps for cockpit access
- 2 Anti-vibration masses under cabin floor

#### Power Plant and fuel system

- 2 Independent FADEC systems with autostart and engine control functions for normal, emergency and training operations
- 2 Magnetic chip detectors
- 2 Integrated and independent engine oil coolers Separation firewall protection for each engine Fire detection system
- Fire extinguisher system (2 bottles)
- Steel engine exhausts and ejectors
- 2 independent crashworthy fuel cells
- 2 Supply pumps on engines
- 2 Submerged booster pumps in fuel tank

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- 2 Fuel filter assemblies
- 2 Engine back-up controls, mechanical and electrical 2 Manual engine start and ignition systems
- Transmission drive system and hydraulic system
- Main transmission with 2 direct drive engine inputs
- 3 Main transmission chip detectors/debris collectors with burning capability
- 2 Freewheel units
- 4 Strut rods for upper deck attachment and one anti-torque plate
- Intermediate gearbox with sight gauge and magnetic drain - plug/chip detector
- Tail gearbox with sight gauge and magnetic drain plug/chip detector
- Dual independent, redundant hydraulic systems
- 2 Hydraulic Power Control Modules (PCM)
- 3 Main transmission driven hydraulic mechanical pumps for controls, landing gear and wheel brake actuation
- 1 Electrical pump for control checks on ground (engines off)
- Air conditioning compressor quill

#### Electrical Systems

- DC primary power generation: 28 V DC regulated voltage provided by 2 independent 300 A starter generators
- DC external power receptacle
- 2 Nickel-cadmium batteries: 1 44 Ah main battery plus 1 13 Ah auxiliary battery
- 2 DC starter generator control units
- 3 Navigation lights
- Anticollision light
- 2 External emergency landing lights on the sponsons
- 2 Fixed landing/taxing lights on the sponsons
- Retractable/rotating landing light
- 3 Baggage compartment lights and smoke sensor

#### Remarks

- LANDINGS SINCE NEW 16180
- MGB 2311
- 2 CREW/12 PAX

#### Disclaimer

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**\*SUBJECT TO VERIFICATION BY THE BUYER\***

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