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Exclusively for helicopter sales

Exported Listing



Leonardo AW139

Make An Offer

Manufacturer	Leonardo
Category	n/a
Configuration	Search and rescue
Year	2008
Time	9807
Price	n/a
Serial Number	31212
Registration Number	HZ-AC24

Description
We are selling 20 helicopters (6 Agusta 109E and 14 Agusta AW139) as well as an extensive list of A109 spare parts for one owner in a tender. For picture specs, component times and further technical info, please visit: https://www.dropbox.com/sh/5ru0j1szjluhy1t/AAC8BihEKdygp0Ngnf-wXV35a?dl=0 To see all helicopters taking part of the tender, please visit www.avionmar.com or see the other listings of our company here on HeliTrader. For further info on the tender dates, process etc. please contact Rene Blum at +43 676 65 29 000 or rene.blum@avionmar.com or contact us during EBACE at our stand AD_34 at the static display!

For inquires you can reach the seller at:

Email Address: office@avionmar.com | **Phone Number:** +43427244766

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Avionics

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" color Active Matrix Liquid Crystal Display) as part of Honeywell Primus Epic System for visualization of flight and navigation data

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

Two Attitude and Heading Reference Systems (AHRS)

Two Air Data Modules (ADMs)

Two flux valves

Two Display Controllers (DCs)

Two Cursor Control Devices (CCDs)

One Reversion Control Panel (RCP)

One Display Dimming Control Panel (DCP)

One Stability Augmentation System (SAS) control panel

Two Remote Instrument Controllers (RICs)

Two Modular Avionic Units (MAUs) 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-CMG (single)

-3-Axis Digital Automatic Flight Control System - DAFCS (dual) with auto-trim function

-Provision for CVR/FDR data interface (single)

-Flight Director System (dual)

Pilot and co-pilot microphone and headset

Pilot and Co-pilot interphone control (cyclic grip and floor switches) Left Modular Radio Cabinet (MRC) with the following modules:

-One VHF Comm.

-One VOR/LOC/GS/MB

Right Modular Radio Cabinet (MRC) with the following modules:

-One VHF Comm.

-One Mode-S diversity transponder

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-One VOR/LOC/GS/MB

-One ADF

-One DME

Two pedestals mounted MCDUs (Multi Control Function Display Units)

1st Radar Altimeter (RT-300)

2nd Radar Altimeter System (RT-300)

Emergency Locator Transmitter (EL T -121.5/243/406 MHz)

One 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)

One magnetic compass

One Outside Air Temperature indicator

Two Master Warning Lights (MWLs)

Two Master Caution Lights (MCLs)

Engine 1 Fire Light

Engine 2 Fire Light

Baggage compartment smoke detector light

Dual electricalpower connection for CVR/FDR (FAA requirement compliant)

Cockpit Voice Recorder & Flight Data Recorder (CVR/FDR) with Underwater Locator Beacon (ULB)

Equipment

Airframe

Aluminium alloy fuselage

Glass Windshields

Overhead cockpit windows

Lower cockpit windows

Cockpit ram air adjustable outlets

Forced fan ventilation

Bleed air heater and defroster with air noise suppressions heated pitot tubes (2) with pitot heat failure warning (2)

Heated static intakes (2)

Failure warning (2)

One cockpit and one pilot cabin fire extinguisher

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Pilot doors (2) with push-out emergency exit window (with “storm window” on pilot side)

Plug in sliding doors (2) for passenger cabin access with four locking latches

Six cabin push-out emergency exit windows (two on each passenger cabin door)

Baggage compartment with 2 lockable baggage compartment doors, LH & RH side

Baggage compartment cargo tie-down fittings

Wheeled retractable tricycle landing gear (two wheels on nose gear and brakes on main landing gear)

Strucutral provisions for nose landing gear doors

Landing gear mooring

Upper deck mooring provisions

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 (one front forward sliding, two side opening for engine access)

Steps for cockpit access

Anti-vibration masses (2) under cabin floor

Rotors and Controls

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

Rotating M/R flight controls

Main rotor hub beanie

Three main dual servo actuators

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

Rotating T/R controls

One 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)

Chip burning capability for intermediate and tail rotor gearboxes

Electrical System

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DC primary power generation: 28V DC regulated voltage provided by two independent 300A starter generators

DC External Power Receptacle

Two Nickel-Cadmium Batteries: one 40Ah main battery plus one 13 Ah auxiliary battery

Starter Generator Control Units (2)

Navigation lights (3)

Anti-collision light

External emergency landing lights on the sponsons (2)

Fixed landing/taxi lights on the sponsons (2)

Rotating/retracting landing light

Baggage compartment lighting (3) and smoke sensor

Transmission / Drive System and Hydraulic System

Main transmission with two direct drive engine inputs

Three main transmission chip detectors/debris collectors with burning capability

Two freewheel units

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

Intermediate gearbox with sight gauge and magnetic drain plug/chip detector, with chip burning capability.

Tail gearbox with sight gauge and magnetic drain plug/chip detector, with chip burning capability

Dual independent, redundant hydraulic systems

Two hydraulic Power Control Modules (PCMs)

Three main transmission driven hydraulic mechanical pumps for controls, landing gear and wheel brake actuation

One electrical pump for control checks on ground (engines off)

Air conditioning compressor quill

Additional Installed Equipment

Air Conditioning

Approach plates chart holders lighted for both pilot/co-pilot

Emergency floats removable parts

Life Rafts (2) up to 17 passengers each

External loudspeakers provisions & installation

Auxiliary fuel tanks provisions

Cup holders for both pilot/co-pilot

Weather/search radar Honeywell Primus 701 provisions including AC inverter & weather/search radar Honeywell Primus 701

Flexcomm II multiband radio V/UHF RT5000 provisions

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Flexcomm II multiband radio V/UHF RT5000 system

HUMS (Health & Usage Monitoring System):

-Structural / electrical provisions

-Fixed Parts (sensors I accelerometers I velocity sensors)

-Removable Parts (computer control boxes+ control

panel+ rotor track & balance sensor)

-Ground station {Laptop+ Software+ License)

TCAS I provision

TCAS I Bendix King (KTA-970 model)

HEELS (Helicopter Emergency Exit Lighting System)

ADELT (Automatic Deployable ELT w/ Nav interface)

Tinted overhead Cockpit Window

Storm Window (Co-Pilot)

ICS 12 Pax

12 Pax Headsets Std. David Clark H10-13H

Cabin tinted windows

2nd refueling point and protection plates (1 point close circuit)

High visibility main rotor blades

Hydraulic pulsation damper

4-Axis Digital Automatic Flight Control System – DAFCS (add. To std. 3-axis)

EGPWS (Enhanced Ground Proximity Warning System) provisions

EGPWS (Enhanced Ground Proximity Warning System) full kit

Medevac kit 4 places provisions

Improved additional soundproofing

Enhanced Vision System EVS-1000

Additional anti-collision light

P.A. System PBS 250

Pilot/Co-Pilot adjustable seats in lieu of standard seats

Cargo Net in Baggage Compartment and Cargo Tie Down Fittings

Nose Landing Gear Door

Provision for VIP Interior

HUMS

FLOATS & Life RAFTS Kits

EGPWS KIT (enhanced ground proximity warning system)

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TCAS (Traffic alert collision avoidance system)

MAX VIZ Camera Kit

Loudspeaker Kit

Weather Radar Kit Primus 701

V/UHF Flexcomm 2 Kit

Kit 5 Display

Kit 2nd ADF

Fin Camera Kit

List of Supplements

Emergency Floats Control Panel relocation on inter seat console

Increase of Aircraft Maximum Take Off Weight (MTOW) up to 6800kg

Mast Vibration Absorber Kit P/N 4G1860f00113

Installation of Power Parking Brake Module, Kit P/N 3G3240f00111

STC- Installation of AFS Inlet Barrier Filter System

Installation of Lifeport Dual Litter System

Ceiling liner split retro-modification P/N 3G2506P07812

Quick Access Recorder Kit P/N 4G3130F00411

Installation of Instrument Panel Improved Fixing Supports

Installation of Additional Cowling latches Kit P/N 4G7110F00111

Modification of Engine Exhaust Pipe Fairing

3rd Mass Vibration Kit P/N 3G1860F00111

List of Supplemental Type Certificates

STC – Installation of Cargo/Cabin floor Protector Kit – Dart

STC – Installation of AFS Inlet Barrier Filter System

Miscellaneous

Manuals, aircaft log, engines operations, flight and maintenance and overhaul, illustrated parts catalogue

Tie down-assemblies for amin rotor blades (5)

Main landing gear wheel chocks (2)

Nose landing gear canter pin (1) and landing gear handle locking pin (1)

Interior

Cabin, cockpit and baggage compartment utility finishing interior Pilot/ Co-pilot crashworthy seats (with inertial reels and safety belts) Cockpit dome/storm light

Cockpit utility lights (2)

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28V DC cockpit/cabin power outlet

Cockpit panel sun-glare shields

Overhead cockpit windows sun shades

Floor provisions for 15-seat configuration

Fluorescent lighted emergency exit signs

Exterior

Polyurethane painting in accordance with AgustaWestland standard painting scheme

General Characteristics

Helicopter‘s additional equipment (exceeding fleet configuration):

Rescue Hoist Provisions

Night Sun II XP Search Light provision

Wescam MX-15I FLIR provision

Cargo hook provision

5th Display on Instrument Panel

Digital Video Recorder (provision)

Rescue Hoist Goodrich Provision

SAT-Com Flight Deck Sky Connect

List of Supplements (exceeding fleet configuration):

Quick Disconnect Modification on Cabin ICS Headset-to-Roof

Relocation of HEELS BT7 Battery (BT 139-178)

SAR MODIFICATION (Primus Epic 5.6, PAX footstep extension, cockpit NVG, 2nd GPS, Epic, SAR MODE, Windshield Wiper

List of Supplemental Type Certificates (exceeding fleet configuration):

STC – Skytrac ISAT-200A

STC – Night Vision modification (Aviation Services Unlimited – ASU)

Inspection Details

Date of Phased Out: 2020-04-30

Once helicopter was parked, basic preservation was performed including preservation fluids, oils, etc. Parts were removed to prevent from doing work such as turning the engines or the gear box etc.. No further action has been done since then.

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Disclaimer

These particulars have been prepared by Avionmar from information provided by the sellers and are intended as a general guide to the aircraft. Avionmar cannot, however, be liable for any inaccuracy. Avionmar strictly advises any purchaser to check the current and remaining hours themselves in the provided document “Aircrafts – Planner Board”. It is up to the purchaser to confirm details of concern to him by survey, inspection and/or enquiry of the seller and to ensure that the purchase contract properly reflects his concern and specific details upon which he may rely. AvionMar always advises an independent survey.

The descriptions and/or specifications provided are for introductory information only and do not imply any warranties or representations. The Purchaser is responsible for verification of specifications upon inspection. The Helicopter is offered subject to prior sale, lease or withdrawal from the market without prior notice.

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