

**2024 Airbus
H160**
#1042 | LX-HGG



CONTACT

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VIRTUAL TOUR

2024 Airbus H160

#1042 | LX-HGG



TOTAL HOURS

62 hours since new

ENGINES

Safran Arrano 1A

#	S/N	TSN
1	10081	62
2	10082	62

HIGHLIGHTS

VIP Lounge Config

Emergency Floats

HUMS

CVFDR - ADELTA HR Smith
w/ GPS Connection

Extended Cargo Hold

Enhanced Corrosion Protection

GENERAL

Crashworthy airframe comprising

-Front fuselage (cockpit & nose avionics bay)

-Intermediate fuselage including:

Cabin

Luggage compartment with 2
lockable doors (LH & RH sides)

Rear fuselage tail boom with Canted
Fenestron & horizontal stabilizer

Cowlings and fairings

Built-in footsteps & handles to access upper
deck for maintenance

Tricycle-type & electrically controlled
retractable landing gear

Jacking, hoisting & mooring points

COCKPIT / CABIN

2 removable pilot and co-pilot crashworthy high
back-rest black covered seats, adjustable in height,
forward and aft; each fitted with 5 points harness

1 windshield including sunshade in the upper area

2 lateral windows

2 nose windows

2 lockable hinged pilot and co-pilot doors providing
each one:

-Jettisonable window for emergency egress

-1 bad weather window

-1 lower window

2 external cockpit footsteps

1 first aid kit

2 tablet holders in cockpit

Dual flight controls

Windshield washer

2 windshield wipers

2 headset hooks on overhead panel

2 handles in cockpit (one on each side on upper frame
of the canopy)

Storage box in center console, on instrument panel and
removal storage box on floor (pilot side)

4 jettisonable windows located in cabin

2 portable fire extinguishers, one in cockpit and one in
cabin

Handles in cabin (2 on each side of each cabin door)

Dual zone air conditioning system with control in
cockpit

Standard key

Capability to access the cargo compartment through
cabin

Emergency floatation gear with automatic percussion -
Fixed Parts/Removable Parts

External life raft installation with PLB compart - Fixed
Parts

Helicopter Emergency Egress Lighting (HEEL)

ADELTA HR SMITH series 503 with GPS connection -
Fixed Parts/Removable Parts

2 enlarged cabin sliding doors

6-passenger ACH Line Lounge installation package
(4+2) with one rear cabinet

Specs updated August 30th, 2024

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INSTRUMENTS & CONTROLS

INSTRUMENT PANEL

4 reconfigurable smart 6x6-inch displays providing following functions:

- Flight Navigation Display page including:

- Primary Flight Display (PFD)
- Navigation Display (ND)
- Parameter tuning
- Automatic Flight Control System (AFCS)
- Fuel data
- First Limit Indicator (FLI)
- Rotor speed and free turbine rotation speed
- Crew selectable area (clock, etc.)
- Alarms and advisories

- Vehicle Monitoring Display (VMD) pages including:

- Main page: engine & vehicle status
- Fuel page
- Electrical system page
- Hydraulic / landing gear page
- Transmission page
- Enhanced usage monitoring page

- External video sources (when optional equipment is fitted)

1 common control panel:

- Landing gear maneuver and position indicators
- Windshield wiper and washer controls
- Parking brake and nose wheel control panel
- Capabilities for optional controls
- Stand-by Instruments
- Stand-by compass
- Integrated Electronic Stand-by Instrument (IESI)
- 1 storage box

STANDARD AVIONICS PACKAGE BASED ON HELIONIX SUITE

Cockpit video camera with embedded recorder

Tail fin video camera

CVFDR - Solid State Cockpit and Flight Recorder

Flight Data Continuous Recorder (FDCR) for HFDM (Helicopter Flight Data Monitoring) (HELIONIX SUITE)

2 duplex Aircraft Management Computer (AMC) (HELIONIX SUITE)

Usage Monitoring System (HELIONIX SUITE)

Light HMS - Health Monitoring System

Emergency Locator Transmitter (ELT) with embedded GPS

Radio altimeter AVH1600

Dual Flight Management System installation with LPV approach function, search patterns and auto hover mode

Digital Audio Communication System (DCAS) basic pack for pilot and copilot, two headset holders in cockpit

Passenger address NAT 251

VHF/AM Collins VHF 4000 n°1

VHF/AM Collins VHF 4000 n°2

VOR/ILS/MKR Collins NAV4500 n°1

VOR/ILS/MKR Collins NAV4500 n°2

VHF/FM NAT NPX 138 - Fixed Parts

Collins DME 4000

Multifunction transponder
ADSB-Out/TCAS II coupled with AFCS

Weather/Search Radar Telephonic RDR1600

Digital MAP (HELIONIX SUITE)

Helicopter Terrain Awareness Warning System (HELIONIX SUITE)

Synthetic Vision System (HELIONIX SUITE)

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INTERSEAT CONSOLE

- 1 Automatic Pilot Control Panel (APCP)
- 1 Environment Control System (ECS) – separate cockpit / cabin ventilation & heating and air conditioning, cockpit demisting
- 1 lighting control panel
- 1 ELT remote control panel
- 1 radar control panel
- 2 Advanced Flight Management and Control Display Units
- 2 DACS Audio Control Panels

OVERHEAD PANEL

- Electrical function and emergency cut-off controls
- Fire detection / extinguishing controls
- Engine controls
- Engine auxiliary controls (training and chip burning)
- Hydraulics control
- Pre-flight test and lamp test control
- Rotor brake control grip
- Capabilities for optional controls

MISCELLANEOUS

- 3 Attitude and Heading Reference Systems (AHRS)
- 2 three-axis Magnetic Sensor Units (MSU) connected to AHRS
- 3 heated pitot heads
- 2 Air Data Units (ADU)
- 2 Temperature Probe Units (TPU)
- Wireless data device with SD card

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TRANSMISSION SYSTEM

1 main gearbox with low oil level switch, oil pressure and temperature sensors, access to ports for endoscope and oil sampling, 4 chip detectors and oil cooling system

2 free wheels integrated to the main gearbox

1 dual lubrication system with 1 main pump and 1 emergency pump

2 engine / main gearbox coupling devices (shaft and torque tube)

1 rotor brake system

1 tail rotor drive shaft

1 splash lubricated tail gearbox with 1 temperature sensor and 1 chip detector

HYDRAULIC GENERATION

2 independent hydraulic systems feeding main rotor and tail rotor actuators including level probes and sight gauges in oil tanks

1 electro-hydraulic pump (on LH side) for ground assistance

Self-sealing hydraulic ports on each side for ground hydraulic power bench connection

ROTORS & FLIGHT CONTROLS

1 main rotor with:

-5 Blue Edge concept blades

-1 SPHERIFLEX motor head

-1 rotor mast fitted with rotor Top and Nr sensors

-5 interblade elastomeric dampers

-Upper coning stop

1 Fenestron type tail rotor with 10 composite material blades built into vertical fin

1 Flight Control System (FCS) fitted with 3 dual-chamber / dual body main servo-units (on cyclic and collective pitch channels) and 1 dual-chamber / dual body rear servo-unit (on tail rotor pitch control channel)

1 "fail passive" Dual Duplex Digital Automatic Flight Control System (4-axis type) including upper and safety modes (in particular Auto Hover and recovery modes)

ELECTRICAL INSTALLATION

1 DC power generation system:

-2 starters / generators (300 A, 28 v DC)

-2 electrical master boxes

-2 nickel-cadmium batteries 15 Ah including thermal switch and temperature probe

-1 DC emergency electrical generator

-1 external receptacle with 28 VDC power connector and 1 maintenance external ICS jack

-1 breaker panel in nose

-2 breaker panels in cockpit

-1 emergency breaker panel in cockpit

Power distribution system:

-2 primary bus bars

-2 essential bus bars

4 high load contactors (150 A)

2 USB (5V/2A) power supply plug on instrument panel

Cabin power supplies at rear console

Lighting system:

-1 red/white tail fin anti-collision / strobe light

-3 position lights (red, green, white)

-2 exterior emergency lights

-Instrument panel, interseat console and overhead panel adjustable lightings

-2 flashlights

-1 dome light and 2 reading lights in cockpit

-Cabin lights (including emergency lighting)

-1 luggage retractable and swiveling front central landing light (must be replaced by optional equipment to be compliant with NVIS system)

Radio on ground based on batteries (autonomous electrical power supply on ground)

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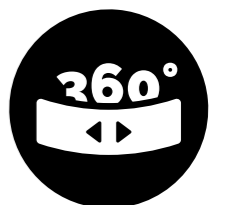
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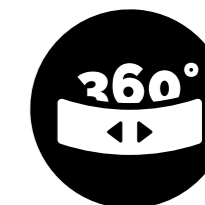
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