

**2019 Airbus
H135 T3H**
#2090 | M-NBLA



CONTACT

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VIRTUAL TOUR

2019 Airbus H135 T3H

#2090 | M-NBLA



TOTAL HOURS

741:52 hours since new

ENGINES

Turbomeca 2B2+ with fire detectors, FADEC, Chip detectors/Fuzz Burn and training mode

#	S/N	TSN	CYCLES
1	33123	741:52	N1-454 N2-1044
2	33125	741:52	N1-441 N2-1038

HIGHLIGHTS

- VIP ACH Interior
- Engines Enrolled in SBH
- Helionix step 3.1
- Concorde Lead Acid Battery Installation
- Fixed Parts for Aux Fuel

GENERAL

Energy absorbing fuselage
Tail boom with fixed horizontal stabilizer
Vertical fin with faired-in Fenestron®
Upper deck with fittings for main gearbox, engines, hydraulic and cooling system
Cowlings for main transmission and engines
Skid-type landing gear with skid protectors, capable of taking ground-handling wheels
Long boarding steps, LH and RH
Maintenance built-in steps and grips
Exterior painting (Single Stage, Multi Color)

COCKPIT, CABIN AND CARGO COMPARTMENT

One-level cabin and cargo compartment floor with integrated rails
Glazed canopy
Two hinged cockpit doors with sliding window
Map case in pilot's door
Two wide passenger sliding doors

Two rear hinged clam-shell doors
Longitudinally adjustable energy absorbing pilot and copilot seats with head rest and 4-point safety belts with automatic locking system
Cabin boarding grips (LH and RH)
Interior paneling with integrated basic sound insulation
Flight controls for pilot side; fixed provisions of flight controls for copilot side
Engine controls with manual engine back-up system at pilot's collective pitch lever
Instrument panel with extension and glare shield on pilot's side and slant console
Ram-air and electrical ventilating system for cockpit and cabin
Headset holder in the cockpit
Headset holder in the cabin
Portable fire extinguisher
Stowage net for first aid kit at the LH rear clam-shell door
Flash light (torch) for pilot side

POWER PLANT

Two Safran Helicopter Engines ARRIUS 2B2plus turbine engines. These two engines are equipped with:

- Fire detectors
- Full Authority Digital Engine Control (FADEC)
- Chip detectors with quick-disconnect plugs
- Overspeed protection system
- Cycle Indication On MFD

Twin-engine OEI-training mode
Oil cooling and lubricating system with thermostatic valve
Crash resistant fuel system with a flexible bladder-type main tank and supply tank (split into two sections)
Automatically controlled variable rotor speed system
Fuel tank filler flap, lockable
Drain system
Fire walls

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INSTRUMENTS

Flight Display Subsystem (FDS) composed of 3 smart multifunction displays (6 x 8 inch) providing the following functions

- Flight & Navigation Display (FND) format (incl. PFD, FLI, Master List, NAV, RPM, mast moment & fuel indication)
- Vehicle Management System (VMS) format (incl. Engine, gearbox, fuel, electrical system, RPM & clock indication)

Vehicle Management System (VMS) including:

- 2 duplex Aircraft Management Computer (AMC)

Reference sensors

- 3 Attitude and Heading Reference System
- Air Data sensor pilot side (electrically heated pitot tube and static port)
- 2 Magnetometers

Standby instruments

- Integrated Electronic Standby Instrument (IESI)
- Standby compass

Health Monitoring System (HMS) - Helionix

Flight Data Continuous Recorder (FDCR) - Helionix

"One hundred feet" alert

Directional Gyro Free Steering Mode

Warning unit:

- Engine fire warning with fuel emergency shut-off
- Warning lights
- Fire extinguishing system warning

Cockpit Control Panel (CCP) for FDS

Data Transfer Device (OTO)

Engine switch panel

TRANSMISSION SYSTEM

Flat-shaped main gearbox with two stages

Chip detector system with quick-disconnect plug (main gearbox)

Redundant oil cooling and lubrication system

Main gearbox attachment with Anti-Resonance Isolation System (ARIS)

Free wheel assemblies in the engine input drives

Tail rotor drive shaft

Tail rotor gearbox with splash lubrication and oil level sight gauge

Chip detector system with quick-disconnect plug (tail rotor gearbox)

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ROTOR AND FLIGHT CONTROLS

Bearingless Main Rotor system (BMR) with improved dynamic characteristics, consisting of:

- Rotor head / mast in one piece
- Four fiber-reinforced composite main rotor blades with anti-erosion strips, control cuff, elastomeric lead-lag dampers

Main rotor control system with dual hydraulic boost system

Electrical trim system

Basic provisions for an easy integration of a track and balance system

Fenestron®-type tail rotor with ten metal blades (asymmetric blade spacing) and stator

Tail rotor gearbox cover

Tail rotor control system with flexball cable and single hydraulic booster

Digital 4-axis SAS (Stability Augmentation System)

Mast moment system

ELECTRICAL INSTALLATION

Two starter / generators (2x200 A, 28 VDC)

Lead Acid Battery, (24 VDC, 27 Ah)

- External power connector (STANAG 3302, LN9064, SAE AS 25018, SAE AS 35061)

Power distribution system:

- Two primary busbars
- Two shedding busbars
- Two essential busbars
- Two high load busbars (80 A) - for optional equipment only
- Two high power busbars (200 A)
- Battery bus

One utility receptacle in LH side of cargo compartment (28 VDC, 10 A)

Lighting:

- Anti-collision warning light (red flashing), LED
- Fixed, nose-mounted landing light
- Three position lights (red, green, white), LED
- Adjustable instrument lighting
- One utility light in the cockpit
- 5 spot-lights in the cabin

One light in cargo compartment RH side

Radio:

- Two radio master switches

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MANDATORY ITEMS

General Equipment:

- First aid kit
- Engine fire extinguishing system
- Fuzz burners for engines
- Engine cowling heat protection
- Engine compressor wash kit
- Flashlight for copilot side
- Tinted sun shades for cockpit windshield roof section
- Windshield wiper system
- Center console
- Avionics compartment
- Copilot flight controls, detachable parts
- Instrument panel extension on copilot side
- Map case in copilot door
- Map cases on instrument panel glare shield
- Bleed air heating system
- Battery (40 Ah, 24 VDC) ULM (Soft) instead of standard battery
- Rotor brake system

Specific Mission Equipment:

- Search & landing light, fixed provisions
- Search & landing light, detachable parts
- Emergency Locator Transmitter (ELT)

Interior Layout:

- Special interior painting

Avionics (Solution):

- Avionics Package DP IFR GC GTN 750
- Digital Audio Control System (DACS), incl. ACP53 (Cobham), pilot
- Transponder GTX 335R (Garmin) incl. ADS-B out
- Distance Measuring Equipment (DME) DME-4000 (Rockwell Collins)
- Marker beacon receiver MKR3300-1 (Becker)
- GPS/NAV/COM GTN 750 (Garmin), pilot
- GPS/NAV/COM GTN 750 (Garmin), copilot
- Approach charts (IFR) georeferenced for GTN 750
- Flight Display Subsystem (FDS), copilot
- Avionics Package DP IFR GTN Series interconnection/ wiring

Avionics:

- Radar altimeter KRA 4058 (Honeywell)
- Helicopter Terrain Awareness and Warning System (H-TAWS) - Helionix
- Synthetic Vision System (SVS) - Helionix
- Additional Attitude and Heading Reference System (AHRS)
- Copilot pilot static system
- 4-axis Automatic Flight Control System (AFCS)
- Lightweight Aircraft Recording System (LARS) Alerts Vision 1000

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Fixed Parts for Aux Fuel

OPTIONAL ITEMS

General Equipment:

- Full cover set
- Complex exterior painting instead of standard painting
- Surface protective coating (Airlglaze)
- Main rotor blade erosion protection paint
- Boarding grips for cockpit
- Inlet Barrier Filter (IBF) system
- Corrosion protection for high corrosive environment
- Tinted front windshields
- Tinted windows in cockpit doors
- Tinted windows in cabin incl. sliding windows in sliding doors
- Air Conditioning System (ACS)
- Internal long range fuel tank system, fixed provisions
- Fuel management system (fuel flow meters)
- Lashing points for wind speeds up to 40 kts, fixed provisions
- Lashing points for wind speeds up to 40 kts, detachable parts
- Lashing points for ship landings, fixed provisions

Lashing points for ship landings, detachable parts

Specific Mission Equipment:

- External multi-purpose camera on tail boom, fixed provisions
- External multi-purpose camera on tail boom, detachable parts
- 2 white strobe lights
- Second search and landing Light
- Emergency floats incl.
- Emergency floats skids

Interior layout (Solution):

- Stylence®, 5 passengers, 1 cabinet, package (AAT - STC), 2018
- Stylence height adjustable copilot seat instead of standard copilot
- Stylence height adjustable pilot seat instead of standard pilot seat
- Stylence front middle passenger seat
- Stylence front passenger seats (2 seats)
- Stylence rear passenger seats (2 seats)
- 5 Stylence passenger seat protective cover

- 2 Stylence pilot seat protective cover
- Stylence armrest in rear window niches
- Stylence entrance rails
- Stylence carpet for cargo compartment
- Stylence carpet for cabin
- Stylence carpet for cockpit
- Stylence leather cuffs for flight controls
- Stylence rear cabinet with USS power socket
- Stylence Passenger Service Units (PSU)
- Stylence metal placards

Interior layout:

- Enhanced sound proofing kit
- Separation wall for cabin / cargo compartment
- One-hand latching system for clam-shell doors
- Jettisonable cockpit doors
- Map cases in sliding doors
- Variable tie-down net
- Retractable coat hooks in rear cabin (2 hooks)

Avionics:

- Garmin Flight Stream 510
- Iridium satellite transceiver GSR 56 (Garmin)
- Color weather radar RDR 2000 (Honeywell), fixed provisions
- Traffic Advisory System TAS620A (Avidyne), fixed provisions
- Traffic Advisory System TAS620A (Avidyne), detachable parts
- Moving map - Helionix
- iPad Air Holder Copilot
- iPad Air Holder Pilot
- Headset electrical power supply (28VDC), fixed provisions
- 7 Headset adapter cable crew GLENAIR/LEMO ANR
- Electrical fixed provisions, 5 VDC, copilot
- Electrical fixed provisions, 5 VDC, pilot

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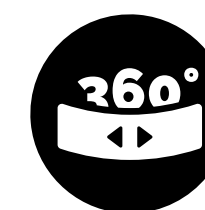
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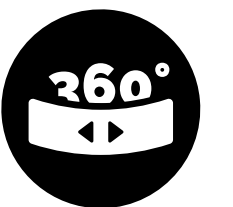
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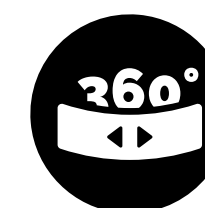
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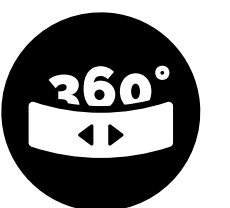
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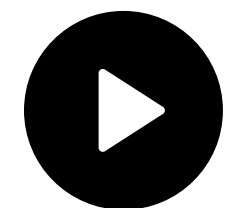


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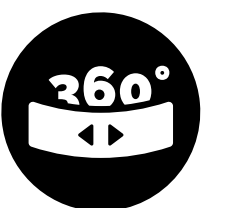
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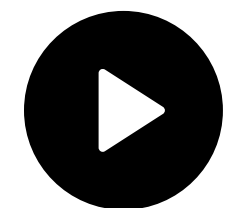
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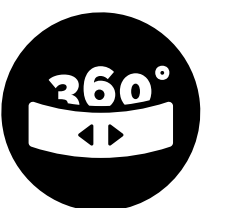


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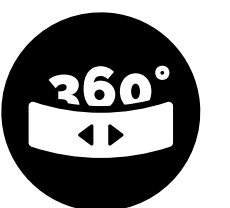
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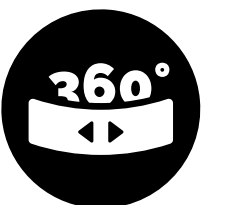
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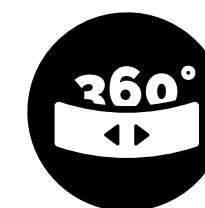
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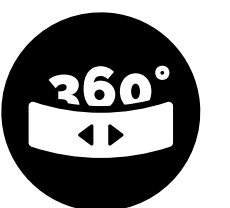
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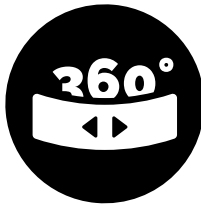


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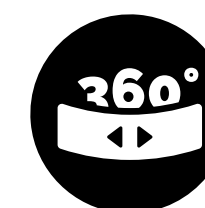
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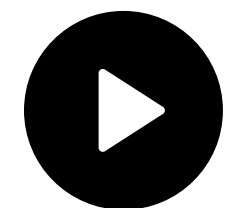


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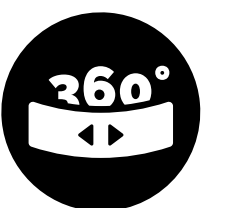
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