

#9419 | T7-KHS



TOTAL HOURS7:46 hours since new

ENG Safrar	INE n Arriel 2D		
#	S/N	TSN	
1	53935	7:46	

HIGHLIGHTS

Under Warranty

VFR Day/Night w/ Garmin G500H TXi

Air Conditioning

Enhanced Engine Air Particle Separator

Cargo Swing - Fixed Parts

BASELINE AIRCRAFT DEFINITION

The helicopter in the definition, presented hereafter, meets the certification standards for day and night VFR operations, set by the following airworthiness authorities: EASA, FAA, TCCA, ANAC, CAAC, FATA This list is not restrictive and the status of approval by other airworthiness authorities must be checked. Additional equipment item may be required by the relevant operational or certification regulation (most of them are available in catalogue). H125 is the commercial name of the model referred to as AS350 B3 in the Type Certificate.

GENERAL

The H125® is certified with a pilot being on the right side

The baseline aircraft is delivered with right side controls and capabilities for the removable dual controls (LH controls are optional)

Fuselage comprising the cabin and 3 luggage holds, with floor tie-down nets and access doors

Tail boom with stabilizer, anti-torque rotor and fin with tail skid

High skid landing gear with long footsteps (on right side and on left side), capable of taking handling wheels

Lifting points

Mooring fixtures

Structural reinforcements for cable cutter system

Structural reinforcements for RH external mirrors

Single color exterior painting

Internal paint: grey (prevailing colour)

Interior signs and markings: available in either French or English

COCKPIT/CABIN

Cabin floor in light-alloy sheet-metal with tie-down rings

2 pilot and copilot high-back energy-absorbing seats, adjustable in reach, removable, complete with cushions, safety belts and shoulder harnesses

2 two-position rear bench-seats, foldable separately, complete with cushions, safety belts and shoulder harnesses

2 pilot and copilot jellisonable doors each filled with a sliding window and with improved side-visibility window

- 1RH large front door
- 11 H front door

Hinged rear right door-extension for passengers and cargo

1 rear left sliding door

Locks on every access to cabin and luggage

compartments

Lock on fuel cap

2 tinted upper panes

1 ceiling housing the ventilation ducts and controls (ventilation controls, rotor brake and fuel cut-off)

Cabin heating

Demisting system for front windscreens

Ram air ventilation duct

Fixed parts for pilot and copilot windshield wipers

1 pilot document holder

1 fire-extinguisher

1 Flight Manual: available in either French or English

Interior harmony according to definition in force

CONTACT

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INSTRUMENTS

1 Integrated Flight Display: Primary Flight Display/ Navigation Display (PFD/ND):

- Primary flight data display: airspeed, vertical speed, attitude, altitude, T&B, HSI with VOR
- Navigation Display
- Nav data, flight plan
- high resolution helicopter dedicated terrain & obstacle database

1 LCD dual RPM tachometer (rotor and free turbine)

1 warning panel

1 healed pilot head

1 external side slip indicator

 $1 control \ box \ for \ light \ and \ electrical \ generation$

1 ICS connection to audio warning issued from VEMD $^{\rm I\!R}$

1 cockpit imaging and flight data monitoring device

Standby instruments:

- 1 Electronic Standby Instrument (ES/)
- 1 magnetic compass

Wireless Airborne Communication System (wACS)

1 LCD Dual screen Vehicle and Engine Multifunction Display (VEMD) providing the following information:

- First Limit Indicator (FLI)
 - torquemeter
 - exhaust gas temperature (TOT)
 - gas generator tachometer (N1)
- Engine oil temperature/pressure
- Fuel quantity
- Fuel flow and estimated remaining lime to flv
- Ammeter, voltmeter and battery temperature
- Outside Air Temperature (OAT)
 - Enhanced usage monitoring functions
 - /GE/OGE performance calculations
 - engine cycle counting
 - engine power check
 - overlimit display
- VEMD and peripheral maintenance information
- Data downloading capability (software and connection wire as option)

AVIONICS

1 Emergency Locator Transmitter

1VHFNOR/LOC/GS

1VHFNOR/LOC/GS/GPS

1ICS + passenger interphone

1transponder (mode S - ADSB-out)

1 avionics master switch

POWER PLANT

1 ARRIEL 20 turbine engine complete with starting, fuel supply and dual channel digital engine control system (FADEC) with back-up control system that automatically controls the engine in case of a total failure of the 2 digital channels of the FADEC

 $Full \, available \, engine \, power \, of \, ARRIEL \, 2D$

1 Crash Resistant Fuel System including 1 tank of 540 liters (143 US gal) total capacity

1 twist grip on pilot side (for engine reduction in case of tail rotor failure and autorotation training)

1 magnetic plug and 1 chip detector

1 engine lubrication and oil cooling system

1 fire detection system

1air-intake protective grids

1torque-measurement pick-up

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TRANSMISSION SYSTEM

1 main gearbox, anti-vibration mounted, with oil sight gauge, chip detector, oil temperature and pressure switches, port for endoscope and self-sealing valve for oil sampling and draining

1 main gearbox oil cooling system

1 engine to main gearbox coupling shaft

1 rotor brake

1 main rotor r.p.m. sensor and high and low r.p.m. warning device

1 tail drive carried by five anti-friction bearings

1 tail gearbox with oil sight gauge, chip detector and port for endoscopic inspection

ROTORS AND FLIGHT CONTROLS

1 main rotor with 3 composite-material blades around a Starflex®head fitted with spherical thrust bearings

1 anti-torque rotor with 2 composite-material blades

3 main rotor hydraulic servo units

1 tail rotor hydraulic servo unit and load compensation systems

ELECTRICAL INSTALLATION

One 150 A, 28 V DC starter-generator

One 28 V DC cabin power outlet

One 15 A.h cadmium-nickel battery

1 ground power receptacle

3 position lights (LED)

1 flashing anti-collision light (LED)

2 fixed landing lights

2 adjustable emergency/reading map lights for crew

2 adjustable reading lights for passengers

1 integrated instrument-panel lighting system

1 integrated lighting in central console

2 cockpit breaker panels

1USB charging dual-outlet (instrument panel)

AIRBORNE KIT

1 port plug (pilot)

2 static port stoppers

1 engine air-intake blanking cover

1 exhaust pipe blank

2 hydraulic ground handling wheels

1 cargo net and rope

2 upper mooring rings

3 main-blade socks and pole

1 tail rotor locking device

1 lifting ring

1document holder

1 airborne kit stowage bag

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TECHNICAL CONFIGURATION

BASELINE AIRCRAFT

Basic aircraft components H125 Baseline Aircraft ref. H125 Baseline Aircraft 125 B3

23.100.02 Eincluding: Integrated Flight Display

Vehicle and Engine Management Display (VEMD)

Caution and Warning Panel

Stop watch

Cockpit camera

AVIONICS

VFR day and night package with Integrated Flight Display Garmin G500H TXi, included in baseline definition:

- Avionic display system Garmin G500H TXi
- VHF/VOR/LOC/GS-Garmin GNC 255A
- VHF/VOR/LOC/GS/GPS-Garmin GTN 650H
- Transponder (mode S) Garmin GTX 335R ADS-B out
- Intercom system (ICS) Garmin GMA 350H
- Emergency locator transmitter Kannad INTEGRA AP-H

ICS installation compatible with Bose headset

Bose headset (Qty 2)

Radio altimeter Thales AHV16, remote controlled

Hourmeter

VEMD data download kit

OPTIONAL EQUIPMENT

First aid kit

Quick release magnetic plug on the MGB conical housing, instead of standard electrical magnetic plug

Engine flushing device without removal of cowlings

Enhanced Engine Air Particle Separator

Enhanced thermal protection on rear transmission for engine MTOP extension to 30 minutes

Tinted window for standard and optional door configuration

Dual controls

Pilot's windshield wiper

Copilot's windshield wiper

Bulged window on right rear door

Bulged window on left rear door

Air conditioning system

Hydraulic ground power receptacle

Short protective skid shoes

LH landing light (swivelling in elevation and azimuth)

Cable cutter system

High visibility paint scheme on main rotor blades (white, red or yellow strips) (extrados)

Tail rotor arch

High visibility paint scheme on main rotor blades (Intrados)

Reinforced sand-erosion protection strip on main rotor blades

Reinforced sand-erosion protection strip on tail rotor blades

Heavy duty blade pins

Bulged window on copilot front door (LH side)

2nd battery kit

Starter-generator Skurka 200A, instead of Skurka 150A in baseline

RH side electric and de-iced external mirror - Fixed Parts

RH side electric and de-iced external mirror -Removable Parts

ACH Line exterior painting

Cargo swing - Onboard - Fixed Parts (reference 06-27056-00-FP)

Lightweight Data Recorder (LOR)

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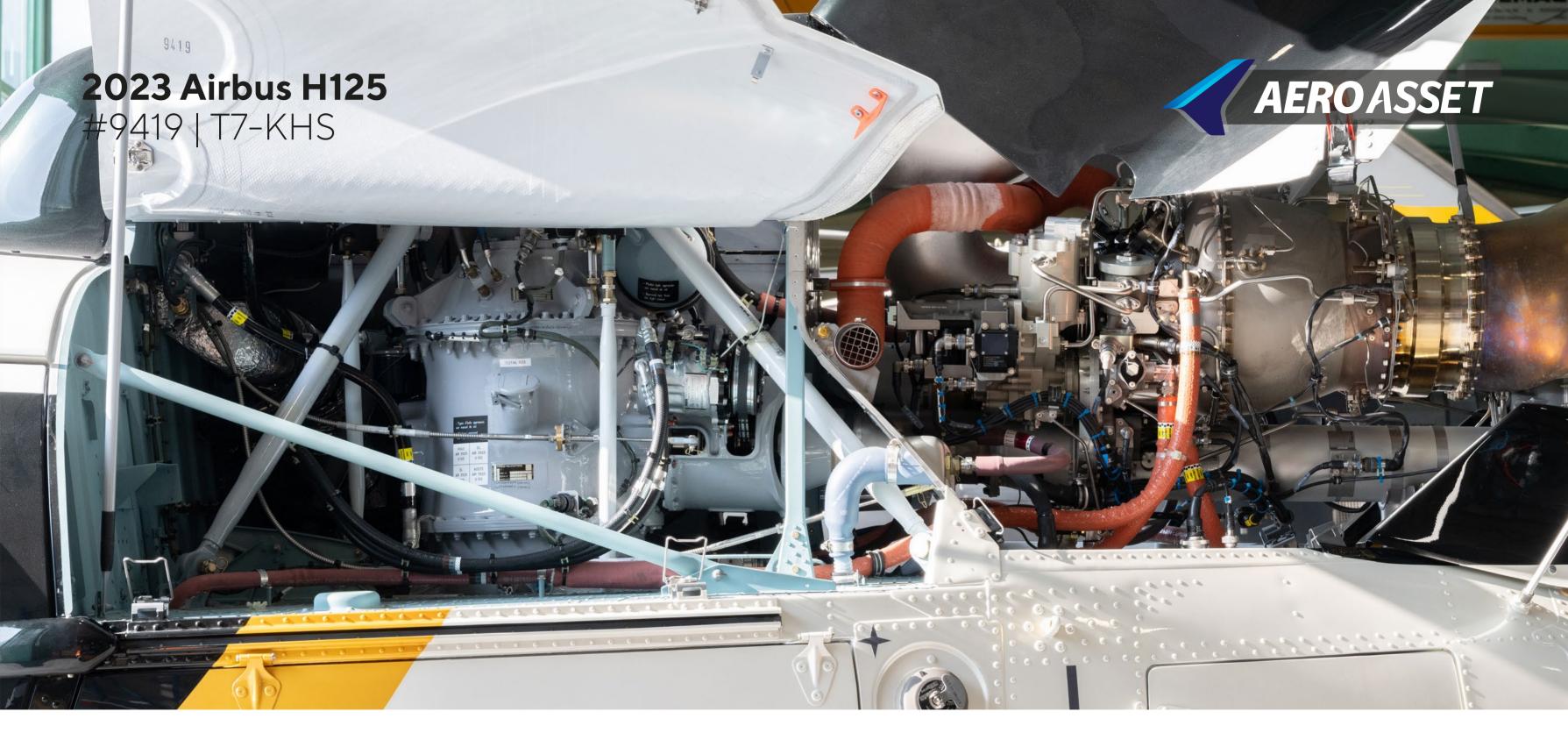




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