



## **BK117D-2 in HEMS configuration**

**SP/DP IFR**

**NVIS Certified**

TSN 3882 FH/ 10212 cycles (as per 7/9-22)

Arriel 2E Engines, TSN 627 FH

Registration LN-OOS, Serial number 20039

Operated and based in Norway.

Fully covered by PbH and SbH contracts

Asking Price 6.500.000 EUR

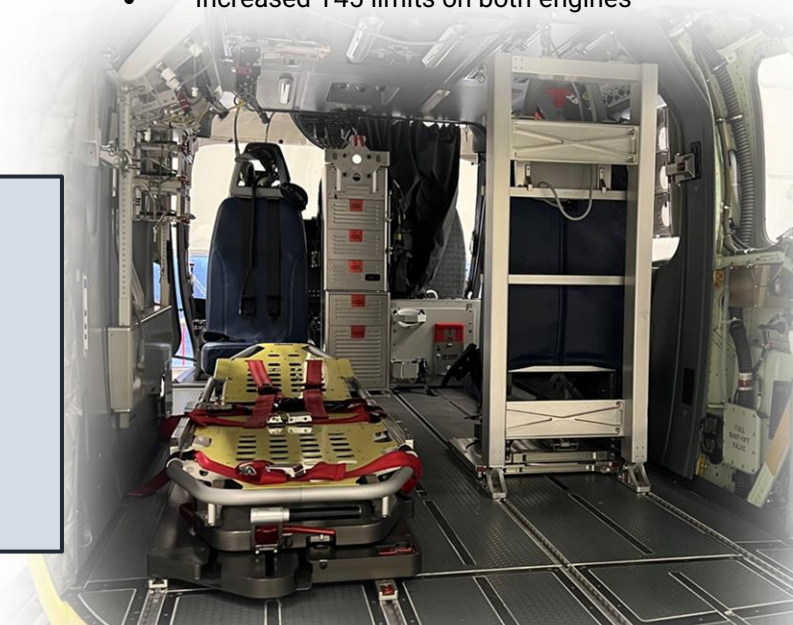
- Including full PbH and SbH funds
- Includes fresh 800 hrs inspection
- D3 conversion kit may follow

**Please contact us for further information,  
status sheets and pictures:**

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- Aerolite Medical interior  
EASA STC 10052111  
EMS P/N 145-0045739-501
- Flightcell DZMx cellular and Iridium satellite system, with GPS tracking solution
- Flightcell external WIFI router
- BAM Ice Grip Plate instead of standard wear plates.
- Wireless intercom system Polycon NG
- Tactical radio VHF-FM NPX-138N - NVG
- Retrofit of Inlet Barrier Filter (IBF) system
- Increased T45 limits on both engines



## Customized options configuration

### Airbus Helicopters extra options from 2015

- Copilot flight controls
- Battery (44 Ah, 24 V) instead of standard battery
- Electrical Heating System
- Additional electrical unit
- Dual landing & search light, 450W (white & NVG)
- ELT AP-H Integra (ER)
- Night vision (NVIS) certification
- Surface protective coating (Airglaze)
- Cable cutter system
- Fuzz burner for engines, main transmission and Fenestron® gearbox
- Improved heat protection for engine cowlings
- Engine compressor wash kit
- Vector Mast Moment System (VMMS, circular)
- Sliding doors fastener for intermediate and max position
- Tinted sunshades
- Window in clam-shell door LH
- Push-out cabin windows
- Performance improvement kit for bleed air heating system
- Alternating Current (AC) system
- Fuel management system (Fuel flow meters)
- Settling protectors
- External hoist, RH, fixed provisions
- Dual cargo hook
- Tail flood light for clam-shell doors
- Strobe lights
- Emergency floats (Safran)
- Separation curtain for cockpit/cabin
- Active vibration control system
- Washable floor covering for cockpit
- Height adjustable cockpit seats
- Jettisonable cockpit doors
- iPad holders for pilot and copilot with 5VDC USB supply

### Avionic Package single/dual pilot IFR

- Becker DVCS 6100 audio system with 3x ACU 6100, pilot + copilot + cabin
- Transponder GTX 33 ES incl. mode S and ADS-B Out (Garmin)
- Distance Measuring Equipment DME-4000 (Rockwell Collins)
- Marker beacon receiver MKR3300-1 (Becker)
- GPS/NAV/COM GTN 750 (Garmin) pilot and copilot w/COM 16w
- SBAS RNP approach capability
- Flight Display Subsystem (FDS), copilot
- Integrated Helicopter Terrain Awareness System (HTAWS)
- Cockpit Voice and Flight Data Recorder (CVFDR)
- Lightweight Aircraft Recording System (LARS) Vision 1000 (Appaero)
- Cobham dual tetra radio system with dual control head in cockpit and cabin (Provision only, no radios or control panel delivered)
- Search and Rescue weather radar RDR-1600 (Telephonics)
- Traffic Advisory System TAS 620 (Avidyne)
- Synthetic Vision System (SVS)
- Moving map Euronav – RN 7 (Hensholdt Avionics) interfaced with FDS, with the following:
  - Sky track option (Iridium)
  - GSM/UMTS option
  - FLARM option





## Standard helicopter definition

### Basic instrumentation:

- Flight Display Subsystem (FDS) composed of 2 smart multifunction displays (6 x 8 inch) providing the following functions:
  - Flight Navigation Display (FND) format
  - Vehicle Monitoring Display (VMD) format
- Vehicle Management Subsystem (VMS) including:
  - 2 duplex Aircraft Management Computer (AMC)
- Reference sensors:
  - 3 Attitude and Heading Reference Systems (AHRS)
  - 2 Air Data sensors (electrically heated pitot tube and static port)
  - 2 Three Axis Magnetometers (TAM)
- Standby instruments:
  - Integrated Electronic Standby Instrument (IESI)
  - Stand-by compass
- Usage Monitoring System (UMS)
- “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 (DTD)
- Engine switch panel:
  - Digital engine control (FADEC)
- Radar altimeter

### Transmission system:

- Main transmission including an independent redundant lubrication system and monitoring sensors
- Chip detector system with quick-disconnect plug (main transmission)
- Free wheel assemblies in the engine input drives
- Rotor brake system
- Tail rotor transmission system with splash lubrication and oil level sight gauge
- Chip detector system with quick-disconnect plug (tail rotor gearbox)

### Rotor and Flight controls:

- Hingeless main rotor (System Bölkow) with 4 glass and carbon fiber reinforced blades with erosion protection strip
- Fenestron®-type tail rotor with ten composite blades (asymmetric blade spacing) and stator
- Tail rotor gearbox cover
- Basic provisions for an easy integration of a balancing system
- Dual hydraulic boost system for cyclic and collective blade control of the main rotor
- Tail rotor control system with flexball cable and dual hydraulic booster
- Main rotor blade tip painting (yellow)
- Mast moment system
- Dual Duplex 4-axis Digital Automatic Flight Control System (AFCS) including upper modes

### Power plant:

Two Safran Arriel 2E turbine engines with electronic engine control (double channel FADEC)

- Crash resistant fuel system with a flexible bladder-type fuel main tank and supply tank (split into two sections)
- Two independent oil cooling and lubrication systems of the engines
- Fire detection and extinguishing system
- Chip detectors with quick-disconnect plugs
- Twin-engine OEI-training mode
- Automatically controlled variable rotor speed system
- Cycle counter
- Drain system
- Fire walls

