

## For Sale / Lease

### Airbus Helicopters AS332L1 Super Puma

Serial Number:	2384
Registration:	LN-OBA
Manufacturer Date:	1992
Total Time Airframe:	21,560 hours (@ 1 <sup>st</sup> April 2022)
Total Landing Cycles:	26,312 hours (@ 1 <sup>st</sup> April 2022)
Current Location:	Svalbard, Norway

#### Highlights

- **Fully offshore configured**
- **EU Ops compliant**
- **De-iced Main and Tail Rotor Blades and Stabilizer**
- **18 passenger seats with 4 point harnesses**
- **Search & Rescue options available**
- **Last Major Inspection (7,500 hr / 12 year) at 19,859 hours Total Time (17<sup>th</sup> March 2014)**

#### Equipment

Crashworthy design fuselage in both cockpit and cabin  
Semi-monocoque tail boom including tail rotor protection and stabilizer  
Upper part of fuselage used as transmission deck  
Flotation gear fitted to lower part of fuselage  
Installation of crashworthy tanks  
Engine cowlings serving as a work platform (open position)  
Retractable tricycle landing gear  
Footsteps for climbing to the transmission deck, cockpit and cabin  
Built-in jacking and towing points  
Provisions for attaching gripping points  
8.6 tonne re-enforcement - installed at production of aircraft

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### **AS332L1 Super Puma S/N 2384 continued**

Painted landing gear area  
Painted emergency flotation gear interior sponson  
Painted transmission deck  
Fixed provisions for hoist  
Moisture resistant interior paint  
Enlarged luggage hold – volume 2.2 m3  
Emergency flotation gear  
2 Life rafts in offshore sponsons - RFD Heliraft  
Auto pilot command transfer

### **Powerplant**

2 TURBOMECA MAKILA 1A1 turbine engines  
2 Extended exhaust pipes - Mod. TU 54  
Composite engine cowlings  
Fuel system - 2,020 litres (535 US gal.) usable capacity comprising: 7 tanks arranged in 2 groups, 4 booster pumps (Parker cartridge type Bristow mod), 1 transfer pump  
Provisions for ferrying and external tanks  
2 Engine bay fire detection systems  
Two-cylinder selective fire-extinguishing system  
Engine air intakes including grids and heating mats  
2 Engine flushing devices without opening of cowlings - Eurocopter type  
N.G. limiter for training, fixed parts only  
Single point pressure refuelling  
2 Fuel anti-icing installations - Filter -45 degrees compatible  
Removal of left and right hand heatshield on sliding cowling – Bristow mod

### **Cockpit**

2 airline type pilot seats including safety belts and extendable shoulder harnesses  
Duplicated flying controls  
Engine controls  
Master cut-off switches  
Rotor brake control  
Landing gear control  
Wheel brakes only at pilot station – Bristow mod

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Flight Manual

Ashtray

Hand fire extinguisher - BA51015SR3

Hand pump handle for emergency use of landing gear

De-iced pilot and co-pilot windshield

Adjustable front ventilation system

Heating and ventilation diffusers

Windshield demisting diffusers

2 Adjustable heating and ventilation outlets

Manual cock for selective windshield demisting

Pilot and co-pilot windshield wipers

2 Jettisonable pilots' doors with door-stops

2 Pilot doors with large windows in lower half

Access to cabin through partitioning curtain - aft of cockpit aisle

2 Map holders including lighting on glareshield

Over-sea flight kit comprising:

- Sea Anchor - provisions only
- External evacuation lights
- 2 Fixed landing lights in the sponson
- Forward search / landing light
- Cockpit control for jettison of cabin doors
- Windshield washer

5-door position indicator

Left and right hand mirrors - Bristow mod - only pilot side

**Instruments**

2 Airspeed indicators - 44090-3941-04 (kts)

2 Rate-of-climb indicators - 46700-01 (ft/m)

2 Altimeters - 3A61-22-20F28 (ft)

2 Stop watches - B189453228-1A1

3 Gyro-horizons - 2 ea H140 // 1 ea H321ABM1

1 Pitch indicator - 64905-006-1 (Degrees)

1 Stand-by magnetic compass - 621-396-231

2 SFIM CG 130 gyro compasses associated with 2 Astronautic 5" HSI/RMI

1 Thermometer, OAT - 3057-165-2 (°C)

2 Torquemeter indicators - 126PN01Y07 (%)

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- 2 Fuel pressure indicators - 64809-433-1 (PSI)
- 2 Hydraulic pressure indicators - 64809-416-1 (PSI)
- 1 Auxiliary electropump hydraulic pressure indicator - 64809-418-1 (PSI)
- 1 MGB oil pressure indicator - 64809-431-1 (PSI)
- 1 MGB oil temperature indicator - 64807-412-1 ( °C)
- 1 MGB stand-by circuit pressure indicator - 64809-426-1 (PSI)
- 1 IGB oil temperature indicator - 64807-411-1 ( °C)
- 1 TGB oil temperature - 64807-410-1 ( °C)
- 2 Exhaust temperature indicators - 61533-107-1 ( °C)
- 2 Gas generator tachometers - 64975-003-1
- 2 Dual engine oil pressure and temperature indicators - 5617-352-91-11 (PSI, °C)
- 1 Self contained rotor tachometer - 64975-003-1
- 1 Rotor and free turbines 1 and 2 triple tachometer - 61474-108-2
- 1 Warning panel
- 1 Autopilot control box
- 1 Fuel circuit control and monitoring panel
- 2 Fuel gauges
- 1 Dual DC indicator
- 1 Dual AC indicator
- 1 Engine starting panel
- 1 Landing gear position control and monitoring panel
- 1 Ice Detector – Rosemount
- 2 Heated pitot heads
- 1 AFDS (automatic float deployment system) – Bristow mod
- 1 AVAD system (surface proximity voice warning system) – Bristow mod

**Radio Com / Nav Equipment**

Two pilot IFR kit including:

- 2 VOR/ILS - Collins VIR 32
- 2 VHF/AM VHF - Collins VHF 22
- 1 ADF - Collins ADF 60A
- 1 Transponder - Collins TDR 90
- 1 Radio altimeter - TRT AHV 8, 2 ea ind. 021
- 1 Encoding altimeter - 066-3051-00
- ICS system (3 control boxes) - TB 31

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- 1 DME - Collins DME 42
- 1 VHF/FM radio - Technisonics TFM-138B
- 1 Homer VHF/AM - Chelton System 7
- 1 Nav. System - GPS Trimble 2101 I/O
- 1 Flight director coupler - Sfim CDV 85 P3 with heading select
- 1 Public address system including 12 speakers - Collins 346 D2 B
- 1 Weather radar - Bendix 500C
- 1 Emergency locator transmitter - HR Smith System 503
- 1 Flight data recorder / Cockpit voice recorder and IHUMS - Penny & Giles 900/D51506
- 1 M-ADS Flight Tracking (Inmarsat) - Kongsberg (Racal STR 1000 Satcom)
- 1 IFE system - CD player Avionics AI CD
  - Wireless IR system or Wired system with double break-points – Bristow system
  - 18 passenger headsets

**Cabin**

- 2 Portable emergency beacons in Liferafts - HR Smith 500-12Y
- 18 Passenger lifevests
- 1 First aid kit - JAR-OPS 3 compliant
- 15 Cargo tie-down rings fitted in floor panels
- 2 Jettisonable sliding plug doors - emergency release from cockpit
- 12 Windows including two for emergency exit
- 1 Hand fire-extinguisher - BA51015SR3
- 1 Heating system comprising:
  - 4 bottom outlets for mixed air adjustable for flow
- Cabin interior with sound-proofing (noise < 87 db) – Eurocopter VIP
- Ventilation system comprising:
  - 19 upper gaspers for fresh air adjustable for direction and flow
  - 4 ducted fresh air intakes
  - 2 outlets for evacuation of stale air
- 1 Stale air fan on left hand side of 3 seat bench
- 18 Comfort passenger seats - Sigma with 4 point AmSafe harnesses
- Seat-rails for 18 seats
- Stowage space for airborne kit
- Left and right side long entrance step (extended) – Norsk mod
- Carpets on cabin floor

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### **Transmission System**

Main gearbox on flexible mountings comprising:

- chip detector including warning light in cockpit
- oil sight gauge
- oil temperature and pressure sensors
- torquemeter pick-ups

Intermediate gearbox comprising:

- magnetic plug
- oil sight gauge
- temperature sensor

Tail gearbox comprising:

- magnetic plug
- oil sight gauge
- temperature sensor

Main gearbox oil cooling system

Rotor brake

### **Rotor and Flying Controls**

Main rotor with 4 composite blades including flap and droop stops - De-icing blades

Anti-torque tail rotor with 5 composite blades - De-iced

Flying control system comprising:

- 4 dual-body servo-units with 2 chambers per body

Duplex autopilot system comprising:

- 2 SFIM GV 76-1 vertical gyro units
- 1 baroanemometric module

### **Electrical Installations**

2 Generators, 30/40 KVA, 115/200V, 400 Hz - Auxilec (de-icing capacity)

43 amp. -hr cadmium-nickel battery - 40208-1

2 x 150 amp. transformer-rectifiers - 684-109-200

Standby battery- EE0005-0111

2 x 26V, 400 Hz transformers

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Cockpit lighting system including:

- white / blue pedestal instrument and overhead panel lighting (normal / stand-by)
- red or white general lighting
- 1 x red and white extension light
- 2 x white map lights

Cabin lighting system comprising:

- 2 lighting stripes with dim and bright possibilities
- 2 "Emergency Exit" lights
- "No Smoking" light
- "Fasten Seat Belts" light
- "HEEL" light on all windows and emergency exits

6 Receptacles for ancillaries (28 V, 15 amp)

1 Receptacle for ancillaries (28 V, 25 amp)

2 External power receptacles (AC and DC)

1 600W landing light in nose

3 Position lights in offshore sponson

Anti-collision light - MS25277-1

Anti collision beacon – Bristow mod/COMP1403-009

### **Ancillaries**

Independent hydraulic system

2 Hydraulic ground couplings

DC auxiliary electropump on stand-by

Stand-by hydraulic system with hand pump for lowering the landing gear

### **Search & Rescue related options (Available on Request)**

Rescue Hoist - 50 M fixed speed, fixed parts

FLIR Structural provisions

NightSun SX 16 Search light - Full installation

VHF/FM radio - Technisonics TFM-138B

Homer VHF/AM - Chelton System 7

NVG Installation, LN-OBA compatible, Bristow Norway AS EASA STC – Airlift STC full installation

De-icing installation for Main Rotor Blades, Tail Rotor and Stabilizer – Eurocopter full installation

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