

Avincis
Every mission matters



LEONARDO AW139

Specifications

ABOUT US

Avincis is one of the **world's leading emergency aerial services operators**. The environment we work in is challenging and complex, but our purpose is clear - we exist to save lives and protect communities wherever we serve.

As the largest provider of emergency aerial services in Europe - with additional operations in Africa and South America - governments trust us to deliver safe, reliable, and efficient services when their people are most in need.

Our areas of focus are: helicopter emergency medical services, air ambulance services, search and rescue, aerial firefighting, as well as dedicated emergency aerial transport for oil and gas platforms.

If you haven't heard of us that's because although we have been doing this vital work for decades, we often operate invisibly on behalf of our customers who are predominantly government organisations.

In total, we operate from more than 180 bases across Spain, Portugal, Italy, Norway, Sweden, Finland, Mozambique and Chile.

We oversee our global operations, from our headquarters in Lisboa, Portugal where we moved in 2023.

With a fleet of approximately **220 helicopters (180) and aeroplanes (40)**, Avincis counts on a team of more than **2,400 courageous and talented professionals**, including experienced pilots, crews, technicians, and support teams to deliver its unique service.

We are extremely proud of our diverse and multi-cultural workforce.

Our mixed fleet and global network of bases, means we can mobilise aircraft between countries, which not only provides us with efficiency gains, but also demonstrates the size, capacity and resources of the company as a group. These factors mean we can offer our customers more cost-effective solutions and distinguish us from other operators in the market.

We don't just fly amazing aircraft, we also maintain and fix them in our facilities where our on-site engineers and technicians have the capability to carry out complex repairs, rebuilds and modifications.

We also have an awesome in-house R&D team who focus on developing new innovative technologies as well as new training capabilities for the next generation of pilots, technical crew and engineers.

Our experienced pilots are trained to fly in the most challenging environments - they are there when lives are at risk and time is of the essence.

With a unique combination of cutting-edge technology and highly skilled personnel we can run emergency operations with the world's best safety standards wherever we fly.



Our mission is to save lives and protect communities wherever we serve.

OUR NETWORK

55,000

WE COMPLETE APPROXIMATELY
55,000 LIFESAVING MISSIONS A YEAR

73,000

WE FLY APPROXIMATELY
73,000 HOURS A YEAR





LEONARDO AW139

OEM



NUMBER IN FLEET

20 Spain + 2 Portugal

AGE

2007 OLDEST EC-KHV S/N:31089

TYPE

AW139

VARIANT

AW139 Short Nose

TYPE

Rotary-Wing

CRUISE SPEED

148 kts at 20°C, 2000ft,
2600Kg

MISSION PROFILE TYPE

VIP / HEMS / SAR /
CARGO

ENGINE TYPE

PRATT & WHITNEY PT6C-67C

STANDARD FUEL TANK CAPACITY

1588 Liters

FUEL CONSUMPTION

405Kg/h for Max. Range Cruise
at 20°C, 2000ft, 6400Kg

MAXIMUM TAKE-OFF WEIGHT
(MTOW)

7000Kg

EMPTY WEIGHT, OFFSHORE EQUIPPED
(AVERAGE)

4500Kg

MAXIMUM RANGE, STANDARD TANKS

564nm

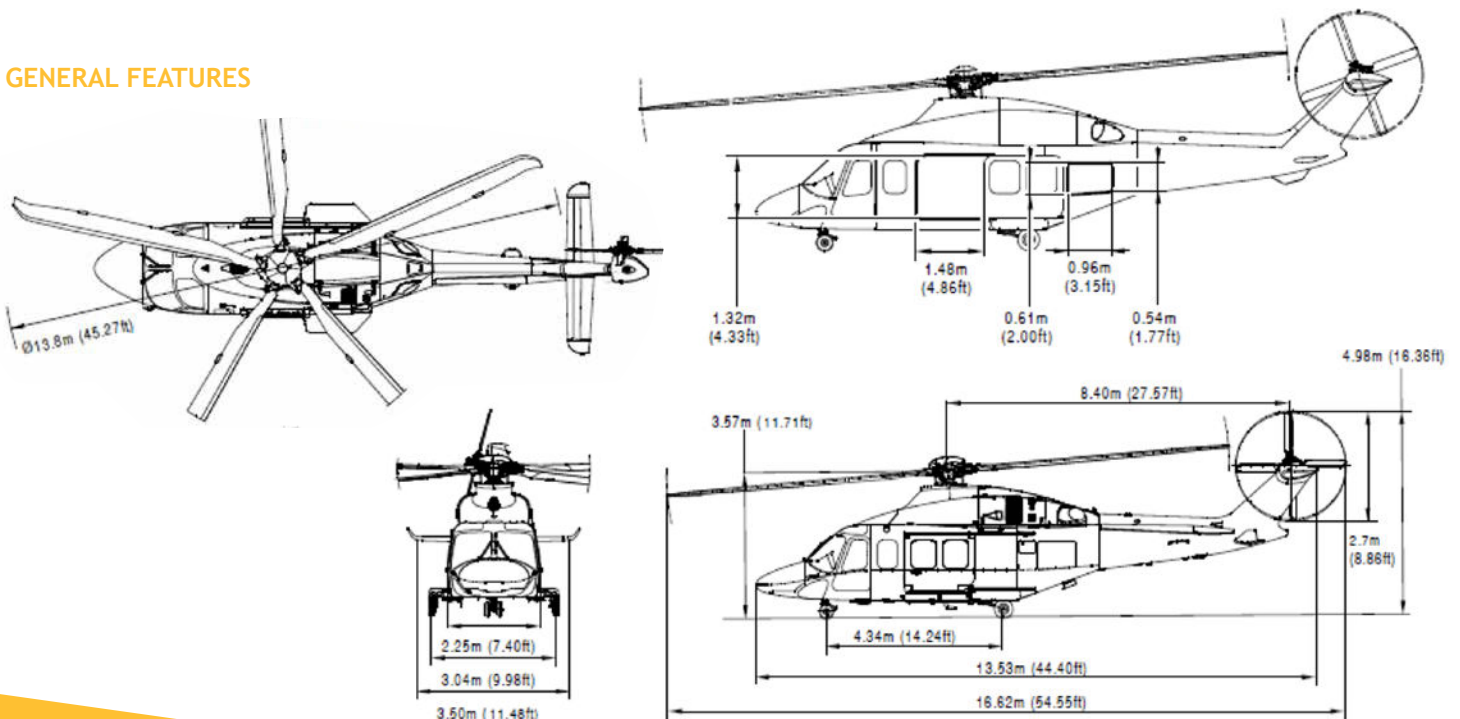
MAXIMUM HOOK LOAD

2200Kg (4850lb)

VNE

167KIAS

GENERAL FEATURES





LEONARDO AW139

GENERAL FEATURES

- LARGE ROTORCRAFT - CAT A / B
- SHORT, LONG AND LONG LONG NOSE VARIANT
- MAIN ROTOR: FIVE BLADES, FULLY ARTICULATED TYPE
- TAIL ROTOR: FOUR BLADES
- FUSELAGE: CONVENTIONAL CONFIGURATION
- LANDING GEAR: TRICYCLE, RETRACTABLE
- POWERPLANT: TWO FREE TURBINE TURBOSHAFT ENGINES
- SINGLE PILOT IFR CONFIGURATION

ADVANCED FEATURES

- HEALTH & USAGE MONITORING SYSTEM (HUMS)
- DIGITAL VIDEO RECORDER DVAR AERO OPTICAL DVFAR
- AUTOPILOT SAR MODE
- SATCOMM SKYTRAC ISAT-100 AND ISAT-200
- AIR CONDITIONING
- DART MAINTENANCE KIT - ENGINE WASH KIT
- MULTIFREQUENCY TACTICAL RADIOS
- TRANSPONDER HONEYWELL PRIMUS XS-85x
- ADELTECHTESL CPI 503-16
- COM. VHF (2) HONEYWELL PRIMUS TR-85x
- GPS RNAV, SBAS
- WEATHER RADAR HONEYWELL PRIMUS WU-660/701, TELEPHONICS 1500B+
- ADF HONEYWELL PRIMUS DF-855
- DME HONEYWELL PRIMUS DM-855
- TCAS I BENDIX/KING KTA-970 OR TCAS II
- RADIO ALTIMETER (2) HONEYWELL PRIMUS RT 300
- EGPWS HONEYWELL MK-XXII
- NAV VHF/RADIO (2) HONEYWELL PRIMUS NV-87x
- DIRECTION FINDER CHELTON DF 935-2
- MULTIPURPOSE FLIGHT DATA RECORDER



LEONARDO AW139

PASSENGER AND FREIGHT FEATURES

- 12/15 CABIN PAX CONFIGURATION
- PUBLIC ADDRESS SYSTEM

SAR / FIREFIGHTING / HEMS FEATURES

- KIT BUBBLE WINDOWS
- SPECTROLAB SEARCHLIGHT SX5, SX16, TRAKKA A800 WITH COLLECTIVE CONTROL
- SINGLE BREEZE HOIST
- SINGLE AND DUAL GOODRICH HOISTS
- SEAFIR II, STARSAFIRE III, FLIR 380HD
- SAR INTERIOR
- IMPROVED SEA TRAY
- SAR SEATS COVERS
- AUXILIARY LONGITUDINAL FUEL TANK
- AUXILIARY TRANSVERSAL FUEL TANK
- CARGO HOOK
- POLYCOM SYSTEM
- 12/15 CABIN PAX CONFIGURATION
- XBR PASSENGER SEATS
- AEROLITE HEMS KIT
- INCUBATOR

SAFETY FEATURES

- HELICOPTER EMERGENCY EXIT LIGHTING SYSTEM (HEELS)
- CABIN PUSH OUT WINDOWS
- EMERGENCY FLOTATION SYSTEM
- 17 PAX LIFE RAFT CAPACITY. 2 LIFERAFTS ON BOARD

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