

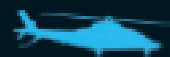
2015 Leonardo AW109SP GrandNew

S/N 22332



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MANUFACTURER

OEM	Leonardo / AgustaWestland
Model Variant	AW109 SP GrandNew
S/N	22332
Year	06/2015
Reg	YL-HSS
Configuration	Utility/EMS (Aerolite)



TOTAL HOURS

T.S.N. (25 July 2023) 155:12 hrs
Cycles NA



ENGINES

Engines make and model:	Pratt & Whitney Canada PWC 207C Full Fadec
TBO	3.500 Hrs
Engine #1 TSN	155:12 hrs
S/N	PCE-BH0756
Cycles	CT 171/PT 247/IMP 108
Engine #2 TSN	155:12 hrs
S/N	PCE-BH0752
Cycles	CT 171/PT 247/IMP 106



SPECS

MTOW 3.175 kg



HIGHLIGHTS

- Double configuration EMS/ Pax transportation
- Emergency floats provision
- Dual cargo hook (1150 kg/500 kg) provision
- External rescue hoist (272kg/600lb-90m) provision w/step

Basic helicopter configuration will be provided on request.



Standard Equipment

- Active Noise reduction (ANR) headsets (pilot and co-pilot)
- Baggage compartment lights
- Crash-resistant co-pilot seat, fore and aft adjustable, with lap belts and headrest
- Crew open door actuators
- First aid kit
- Fuel drain electrical valves
- Internal structural provisions for utility equipment
- Portable fire extinguisher
- Shoulder harness with inertial reels (pilot and co-pilot)
- Tail boom strake

Specifications and/or descriptions are provided as introductory information only and do not constitute representations or warranties. Verification of specifications remain the sole responsibility of purchaser. The Aircraft is subject to prior sale. Pictures for display purpose only.



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Optional Equipment

- 8.4" cockpit central display
- Enhanced Vision System (EVS) EVS-1500 Max-Viz
- Digital map Euronav V Euroavionics (on 8.4" display)
- Traffic Advisory System TAS-620 Avydine (presented on EFIS)
- Weather radar RDR 2000 Bendix/King (presented on EFIS)
- Main rotor blades high visibility painting
- Bleed air heater
- Foldable stretcher 2.00 m (in lieu of 1.85 m stretcher)
- 177 USgal crash-resistant fuel system (in lieu of 152 USgal)
- Baggage compartment extension (2.3 m)
- Dual cargo hook (1150 kg/500 kg) provision
- Emergency floats provision fixed parts
- External loudspeakers (250 W) provision
- External rescue hoist (272kg/600lb-90m) provision w/step
- High-intensity white strobe lights on horizontal stabilizer
- Snow skis/slump protection pads provision
- Searchlight SX-16 Nightsun provision – Tail cone inst
- Cargo hook / cargo cameras
- Passengers conversion kit (up to six pax)

Additional equipment

- Airframe hourmeter
- Baggage compartment extension (1.9m)
- Engine compartment fire extinguishers (Qty 2)
- Fuel cap with key-lock
- Pulsed chip detectors (in lieu of quick disconnecting chip detectors)
- Reinforced windshields (pilot and co-pilot)
- Retractable/rotating landing light (nose mounted)
- Rotor brake
- Windshield wipers (pilot and co-pilot) with wiper switch on cyclic grips

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Avionic Package: Single Pilot Configuration Night VFR/IFR (EASA/FAA)

- Pilot flight/navigation EFIS (2 displays) with embedded FMS, Synthetic Vision (SVS), HTAWS (Helicopter Terrain Awareness and Warning System), slip indicator and Remote Bug Panel (RBP)
- In lieu of basic Pilot flight/navigation EFIS (1 display) with slip indicator and Remote Bug Panel (RBP)
- Co-pilot flight/navigation EFIS (2 displays) with embedded FMS, Synthetic Vision (SVS), HTAWS, slip indicator and Remote Bug Panel (RBP)
- Reversionary Control Panel (RCP)
- EFIS pilot/co-pilot navigation synchronization switch (FMS data)
- Electronic Standby instrument System (ESIS)
- Second Radio Management System (RMS) RTU-4210 Collins
- Second VHF/AM VHF-4000E Collins
- VOR/ILS/ADF NAV-4000 Collins
- DME-4000 Collins
- Radio altimeter ALT-4000 Collins
- Second Attitude Heading Reference System (AHRS)
- Second Air Data Unit (ADU)
- Pilot GPS/SBAS Chelton interfaced to EFIS/FMS
- Co-pilot GPS/SBAS Chelton interface to EFIS/FMS
- Digital Audio Control System (DACS) NAT additional cockpit panel
- 4-axis dual duplex digital AFCS with integrated Flight Director
- Second electronic clock
- Second magnetic compass indicator
- ELT C406-N HM Artex (with Navigation Interface Module embedded)
- Dual controls



EMS Interior Single Stretcher-Fixed Parts

- EMS multi configuration cabin floor with rails and drains
- Roof liners with soundproofing and EMS provisions and rails
- Aft bench panel (including inertial reels and safety belts)
- EMS electrical system with cabin lights
- Medical DC-power system (24/28 VDC)
- 3rd ICS station in passenger cabin
- Stretchers support provision
- Cargo retainer provision
- Medical oxygen distribution system (on LH and RH side liners)
- Sliding windows on cockpit and cabin doors windows
- Cabin loudspeakers

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EMS Interior Single Stretcher Installation-Removable Parts

- Aft facing sliding and rotating seat (crash-resistant type)
- Forward facing crash-resistant seats with foldable backrest and removable headrest (Qty 2)
- 4-point shoulder harness with inertial reels and safety belts for all seats
- Primary stretcher support platform quick release retaining system
- Primary stretcher support platform LH side with aft and fwd locking mechanism
- Primary foldable stretcher 1.85 m (Qty 1)
- Medical/oxygen cabinet with space provisions for up to 4 oxygen bottles (600 l each, exclud)
- Cargo net
- Medical devices support

Miscellaneous/Ground Equipment

- Air intake/exhaust covers
- Ground tools kit (including tow bar, lifting tool, wheel chocks)
- Pitot tubes covers
- Rotorcraft Flight Manual (RFM) and technical publications
- Tie-down fittings (main rotor and tail rotor retention straps)

Interior

- Primer finished cabin walls
- Seat comfort model

Exterior

- Customized painting scheme metallic colours







EMERGENCY EXIT

RESUME WEIGHT
MAX LOAD CAPACITY
1000 lb (453 kg)

CAUTION

If you are pregnant
do not fly. Flying
during pregnancy
is not advised.
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do not fly. Flying
during pregnancy
is not advised.

CAUTION

Do not use the
step bar as a
handhold. It is
not designed for
this purpose. Use
the handholds
provided for
entry and exit.

MAX TWO PERSONS ON STEP BAR
MAX LOAD PER PERSON 140 lb (63 kg)

DO NOT OPEN
DOOR WITHOUT
AUTHORIZATION
IS PROHIBITED

DO NOT OPEN
DOOR WITHOUT
AUTHORIZATION
IS PROHIBITED

AW109
GRAND







YL-HSS

AW109
BRANDENBURG

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