



DUNCAN
AVIATION

AIRCRAFT SALES & ACQUISITIONS

2017 LEONARDO AW109SP S/N 22365



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N109PY

Duncan Aviation is pleased to present Leonardo AW109SP GrandNew Serial Number 22365, US registered as N109PY. This helicopter is nearly new and available for immediate delivery, with a fresh US Certificate of Airworthiness and **fully transferrable OEM warranty remaining until 2020**. Its meticulous owner hired Robin Dunlop (www.altea-aero.com/agusta-109.html) to customize N109PY to his exact standards. The result is a stunning VIP helicopter – from the stitching on the leather seats to the custom metallic paint design.

Slipping into its luxurious six passenger cabin, you will immediately recognize that this is **not** your typical AW109SP. The owner invested \$350,000 USD above the standard VIP completion cost. In addition to individual Bose Active Noise Reduction Headsets, the interior sports “Super Silent” soundproofing, and a complete environmental control system with air conditioning. Wide sliding doors on both sides offer easy cabin access, and a spacious baggage compartment provides ample capacity for luggage.

This highly customized AW109SP GrandNew sets the bar in the VIP light twin-engine category, with a state of the art navigation suite, spacious cabin, and impressive payload. N109PY is likely the finest AW109SP ever produced. Its full glass cockpit minimizes crew workload, and the breakthrough avionics system enhances operational safety and pilot situational awareness, with features including:

- Dual FMS, GPS, and AHRS
- Advanced Digital Dual-Duplex 4-Axis Autopilot
- Helicopter Terrain Avoidance Warning System
- 3D Synthetic Vision System
- Enhanced Vision System

The GrandNew is a helicopter designed for aerodynamic efficiency, equipped with powerful PW207C engines with FADEC, combining best-in-class performance and high cruise speeds with low operating costs. N109PY is perfect for the discerning buyer who requires a better-than-new helicopter and cannot wait for a standard factory model.

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AIRFRAME TOTAL TIME LANDINGS

71 Hours
184 Cycles

ENGINES: Pratt & Whitney Canada PW-207C

- Engine 1 (S/N PCE-BH0818) 71 Hours
- Engine 2 (S/N PCE-BH0814) 12 Hours

HIGHLIGHTS

- Low Time
- Special Edition 6 Passenger VIP Interior
- **OEM Warranty to 02/2020 or 2000 Hours**
- “Super Silent” Soundproofing
- 4-Axis Dual Duplex Digital AFCS w/ IFD
- Air Conditioning
- Baggage Compartment Extension (67 cu. ft.)
- Nose Mounted Retractable/Rotating Landing Light
- Tail Boom Strake
- Emergency Float Provisions
- Reinforced Windshields
- Two (2) Engine Compartment Fire Extinguishers
- Bose Active Noise Reduction Headsets
- 213 US gallon fuel system

INTERIOR

- “Super-Silent” Soundproofing
- Crash-Resistant Seating throughout Cabin and Cockpit
- Three (3) Forward Facing Seats with Foldable Armrest and Glass Holder
- Three (3) Aft Facing Seats with See-Through Mod, Foldable Armrest, and Glass Holder
- 4-Point Shoulder Harness Safety Belts
- Six (6) Bose Active Noise Reduction Headsets
- Environment Control System with Air Conditioning
- Customized Corporate Cabin Finishes with Primer Finished Walls
- Decorative Trim and Customized Knurled finishing of Metal Inserts
- Customized Leather Upholstery
- Aluminum Alloy Honeycomb Reinforced Floor with Anti-Skid Finishing
- Specially Designed, Customized Carpets throughout Cabin

EXTERIOR

- Customized Paint Scheme with Custom Metallic Paint Design
- Tinted Side Windows (Cockpit)

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AVIONICS:

- Single Pilot Dual Controls TFR Avionic Package
- Pilot and Co-Pilot Flight/Navigation (EFIS, FMS, SVS, HTAWS, GPS/SBAS Chelton Interfaced to EFIS/FMS)
- EFIS with Slip Indicator and Remote Bug Panel (RBP)
- 4-Axis Dual Duplex Digital AFCS with Integrated Flight Director
- Dual Radio Management System (RMS) RTU-4210 Collins
- Dual Attitude Heading Reference System (AHRS)
- Reversionary Control Panel (RCP)
- ELT C406-N HM Artex (with Navigation Interface Module Embedded)
- Transponder (Mode S) TDR-94 Collins
- Electronic Standby Instrument System (ESIS)
- Dual VHF/AM VHF-4000E Collins
- VOR/ILS/ADF NAV-4000 Collins
- DME-4000 Collins
- Radio Altimeter AL T-4000 Collins
- Second Air Data Unit (ADU)
- Digital Audio Control System (DACS) COBHAM Additional Cockpit Panel
- Second Electronic Clock
- Second Magnetic Compass Indicator
- Magnetic Sensor Unit
- Right and Left Pitot Tubes
- Dual Controls
- Weather Radar RDR 2000 Bendix/King
- Traffic Advisory System TAS-620 Avidyne

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REMAINING TIMETABLE:

	TBO/SLL (HRS)		REM (HRS)		% REM	
MAIN ROTOR BLADE X4	8,800		8,727.4		99.17%	
TAIL ROTOR BLADE X2	10,000		9,927.4		99.27%	
MAIN TRANSMISSION	4,800		4,727.4		98.48%	
TGB	3,000		2,927.4		97.58%	
MAIN ROTOR SERVO X3	1,800		1,727.4		95.96%	
TAIL ROTOR SERVO	1,800		1,727.4		95.96%	
STARTER GENERATOR	1,000		927.4		92.74%	
	TBO/SLL (HRS)		REMAINING (HRS)		% REMAINING	
	ENG 1	ENG 2	ENG 1	ENG 2	ENG 1	ENG 2
TURBOMACHINERY	3,500	3,512.3	3,427	3,452	97.92%	98.28%
RED GEARBOX	3,500	3,512.3	3,427	3,452	97.92%	98.28%
FMM	3,500	3,512.3	3,427	3,452	97.92%	98.28%
IMPELLER	15,000	15,012	14,918	14,992	99.45%	99.86%
CTD	10,000	10,012	9,867	9,981	98.67%	99.69%
PTD	15,000	15,012	14,825	14,966	98.83%	99.89%

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Duncan Aviation

Duncan Aviation was founded in 1956 as an aircraft sales organization and is a founding member of IADA. Since 1956, we have conducted more than 3,500 transactions. We have 2,150 aviation experts worldwide, each with an average of 12 years with the company. The aircraft sales team partners with these experts to provide technical support before, during and after the aircraft transaction.

Duncan Aviation is the world's largest privately owned business jet support facility. We provide business aircraft operators with every aircraft service they need. Yet we do so with the friendliness and responsiveness of a small-town company.

Our people have a passion for aviation and for serving customers. They are among the most experienced in the industry and the quality of the service they provide is among the best in the world.

Customers often visit our major MRO facilities in Battle Creek, Michigan; Lincoln, Nebraska; and Provo, Utah, and are surprised at our vast array of services, our innovative solutions and our excellent customer service.

We provide aircraft acquisition & sales, airframe & engine maintenance, avionics installations, interior & paint completions/modifications, avionics/instrument/accessory repairs & overhauls and parts support for Bombardier, Dassault, Textron, Gulfstream and Embraer manufactured aircraft. Our 20+ avionics satellites and 16 engine Rapid Response offices provide avionics and engine services in the field for scheduled and AOG work. And our parts team provides 24/7/365 support worldwide with knowledgeable reps who answer the phone day or night.



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