


**2024 Leonardo  
AW109SP  
GrandNew "Elite"**

#22462  
G-CMUV



CONTACT

**Emmanuel Dupuy** / [ed@aeroasset.com](mailto:ed@aeroasset.com)

 **+1 (289) 400-4725**

© Copyright - AeroAsset, Inc © 2024 - All Rights Reserved -Specifications Subject To Verification upon Inspection.



**PLAY VIDEO**



**VIRTUAL TOUR**

# 2024 Leonardo AW109SP GrandNew "Elite"

## #22462 | G-CMUV



### LEONARDO GRANDNEW BASELINE AIRCRAFT

#### TOTAL HOURS

10 hours since new

#### ENGINES

Two Pratt & Whitney PW207C Turbo-shaft engines

#	S/N	TSN	LANDINGS
1	PCE-BH1137	10	9
2	PCE-BH1139	10	9

#### HIGHLIGHTS

Delivery time

5 year Leonardo warranty

Elite completion package

Hangared near Heathrow Int Airport, UK

#### AIRFRAME

Aluminium alloy/composite material and bonded panel fuselage

Semi-monocoque aluminium alloy tail boom

Three-wheeled retractable landing gear

Two hinged jettisonable crew doors (LH and RH)

Two sliding passenger doors (LH and RH), 1.40 m opening, with jettisonable windows

Acrylic transparent windshield and side windows

Acrylic transparent overhead windows

Quick removable tail rotor drive shaft cover

Separate baggage compartment with hinged door

Removable fairing and cowlings, for complete accessibility to the controls and drive components

Swivelling front wheel with tow bar attachment

Quick opening hinged inspection doors, to allow visual check of engine oil levels and maintenance inspection points

Grounding points

Jacking and hoisting points

#### ROTORS AND CONTROLS

Titanium main rotor hub, corrosion protected, fully articulated with four composite grips, four elastomeric bearings, four individually interchangeable composite material blades, swept tips, and dampers

Steel tail rotor hub, corrosion protected, semi-rigid delta hinged type, with two composite blades, individually interchangeable

Cyclic and collective controls powered by two hydraulic systems

Hydraulically powered anti-torque system

Adjustable friction devices on cyclic and collective system

Force trim and artificial feel system

Adjustable directional control pedals

Flapping and droop restraint mechanism

#### POWER PLANT AND FUEL SYSTEM

Two Pratt & Whitney Canada PW207C turbo-shaft engines

Two independent electronic control systems (FADEC) with normal emergency and training operation modes and auto-start

Engine mounted fuel pump and filter assembly

Engine mounted oil pump and filter assembly

Engine mounted fuel control and governor

Lubrication and cooling system

Engine oil chip detectors (2)

Engine control panel

Two independent fuel systems with cross-feeding valve and control panel

3-cell crash-resistant fuel system (575 - 152 USgal)

Two Submerged fuel boost pump

Airframe mounted easy access fuel filter

RH refuelling point

Ground fuel drains

#### CONTACT

**Emmanuel Dupuy** / ed@aeroasset.com

**+1 (289) 400-4725**

© Copyright - AeroAsset, Inc ® 2024 - All Rights Reserved -Specifications Subject To Verification upon Inspection.



PLAY VIDEO



VIRTUAL TOUR

# 2024 Leonardo AW109SP GrandNew "Elite"

## #22462 | G-CMUV



### LEONARDO GRANDNEW BASELINE AIRCRAFT

#### TOTAL HOURS

10 hours since new

#### ENGINES

Two Pratt & Whitney PW207C Turbo-shaft engines

#	S/N	TSN	LANDINGS
1	PCE-BH1137	10	9
2	PCE-BH1139	10	9

#### HIGHLIGHTS

Delivery time

5 year Leonardo warranty

Elite completion package

Hangared near Heathrow Int Airport, UK

#### TRANSMISSION DRIVE SYSTEM AND HYDRAULIC SYSTEM

960 shp for takeoff and 900 shp continuous operation main transmission  
 Three-stage transmission  
 Free wheeling units (2)  
 Dual independent, redundant hydraulic systems  
 Transmission mounted hydraulic pumps (2) with separate reservoir  
 Ripple dampers (2)  
 Internal dry sump transmission lubrication with pressure and scavenge pump and oil filter  
 Transmission oil chip detectors (2)  
 Single stage, bevel gear T/R 90° gear box including oil level sight glass and chip detector  
 Transmission cooling and lubrication system  
 Transmission shafts

#### ELECTRICAL SYSTEM

24 V DC 33 Ah nickel-cadmium battery with temperature probe  
 200 A self-cooled starter generators (2)  
 Voltage regulators (2)  
 Battery relay  
 Interconnecting bus relays (2)  
 External power relay  
 Distribution buses (1 battery, 2 essential, 2 emergency, 2 main, 2 auxiliary)  
 External power receptacle  
 Position lights (NVG friendly – green, red, white)  
 Taxiing lights (1 RH + 1 LH) and landing lights (1 RH + 1 LH) on landing gear sponsors  
 Anti collision lights (2) (NVG friendly)  
 Cockpit utility lights (2)  
 Instrument lights with dimming switch  
 Radio master switch with ground function

#### FLIGHT/NAVIGATION INSTRUMENTS

Pilot flight/navigation EFIS (1 display) with slip indicator and Remote Bug Panel (RBP)  
 Radio Management System (RMS) RTU-4210 Collins (1)  
 VHF/AM VHF-4000E  
 VOR/ILS NAV-4500 Collins  
 Transponder (Mode S) TDR-94 Collins  
 Attitude Heading Reference System (AHRS) (1) with one dual AHRS control panel  
 Air Data Unit (ADU) (1)  
 Digital Audio Control System (DACS) COBHAM with one cockpit panel  
 Electronic clock (1)  
 Magnetic compass indicator (1)  
 Magnetic sensor unit  
 Pitot tube right/left

#### CONTACT

**Emmanuel Dupuy** / ed@aeroasset.com

**+1 (289) 400-4725**

© Copyright - AeroAsset, Inc ® 2024 - All Rights Reserved -Specifications Subject To Verification upon Inspection.



**PLAY VIDEO**



**VIRTUAL TOUR**

# 2024 Leonardo AW109SP GrandNew "Elite"

#22462 | G-CMUV



## LEONARDO GRANDNEW BASELINE AIRCRAFT

### TOTAL HOURS

10 hours since new

### ENGINES

Two Pratt & Whitney PW207C Turbo-shaft engines

#	S/N	TSN	LANDINGS
1	PCE-BH1137	10	9
2	PCE-BH1139	10	9

### HIGHLIGHTS

Delivery time

5 year Leonardo warranty

Elite completion package

Hangared near Heathrow Int Airport, UK

### INSTRUMENTATION (ON IDS DISPLAY)

LCD Integrated Display System (IDS)

Dual gas generator speed indicator (N1%)

Dual turbine outlet temperature indicator (TOT°C)

Dual torque meter indicator (TQ%)

Dual power turbine speed indicator (N2%)

Rotor speed indicator (NR%)

Transmission oil pressure (PSI) and temperature (°C) indicator

Two engine oil pressure (PSI) and temperature (°C) indicators

Two fuel pressure indicators (PSI)

Two fuel quantity indicators (Kg)

Two fuel flow indicators (kg/hr)

Two flight controls hydraulic system pressure indicators (PSI)

Two utility hydraulic system pressure indicator (PSI)

Outside air temperature indicators (°C)

Two AC voltmeters (VAC)

Two DC voltmeters (VDC)

Two DC ammeters (Amp)

### WARNING/CAUTION ADVISORY AND MAINTENANCE SYSTEM

Master warning lights (2)

Master caution lights (2)

Warning, caution and advisory message (on IDS display)

Aural warning generator system

Engine fire detection system

Exceedance recorder system (on IDS display)

Warning horn (cabin)

### INTERIOR ARRANGEMENT

Crash-resistant pilot seat, fore and aft adjustable, with lap belts and headrest

Aluminium alloy honeycomb reinforced floor with anti-skid finishing

Ventilation ram air inlets

Anti reflection instrument panel

### EXTERIOR FINISHING

Finishing in accordance with manufacturer specification (NTA 893 A)

Primer exterior painting

### 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 retention straps)

### CONTACT

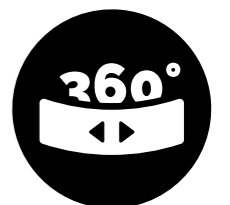
**Emmanuel Dupuy** / ed@aeroasset.com

 **+1 (289) 400-4725**

© Copyright - AeroAsset, Inc ® 2024 - All Rights Reserved -Specifications Subject To Verification upon Inspection.



PLAY VIDEO



VIRTUAL TOUR

# 2024 Leonardo AW109SP GrandNew "Elite"

## #22462 | G-CMUV



### TOTAL HOURS

10 hours since new

### ENGINES

Two Pratt & Whitney PW207C Turbo-shaft engines

#	S/N	TSN	LANDINGS
1	PCE-BH1137	10	9
2	PCE-BH1139	10	9

### HIGHLIGHTS

Delivery time

5 year Leonardo warranty

Elite completion package

Hangared near Heathrow Int Airport, UK

### STANDARD AIRCRAFT

#### STANDARD EQUIPMENT

Active Noise Reduction (ANR) headset (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

#### SINGLE PILOT DUAL CONTROLS IFR AVIONIC PACKAGE

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 displays) with slip indicator and Remote Bug Panel (RBP)  
 (\*\*) Data services subscription for the update of the Navigation databases from Jeppesen is under Customer's responsibility  
 Co-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)  
 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 DME-4000 Collins  
 Radio Altimeter ALT-4000 Collins  
 Second Attitude Heading Reference System (AHRS)  
 Second Air Data Unit (ADU)  
 Pilot GPS/SBAS Genesys Aerosystems interfaced to EFIS/FMS  
 Co-pilot GPS/SBAS Genesys Aerosystems interfaced to EFIS/FMS  
 Digital Audio Control System (DACS) COBHAM additional cockpit panel  
 4-axis dual duplex digital AFCS with integrated Flight Director  
 Second electronic clock  
 Second magnetic compass indicator  
 ELT  
 Dual controls

#### ADDITIONAL EQUIPMENT

Airframe hourmeter  
 Baggage compartment extension (2.3m)  
 Engine compartment fire extinguishers (Qty 2)  
 Fuel cap with key-lock  
 Pulsed chip detectors (in lieu of quick disconnecting chip detectors)  
 Reinforced windshields  
 Retractable/rotating landing light (nose mounted)  
 Rotor brake  
 Windshield wipers (pilot and co-pilot) with wiper switch on cyclic grips

#### INTERIOR TRIM

Air conditioning ECS (Environment Control System)  
 Primer finished cabin walls

#### PAINTING

Standard colour scheme from Company paint selection, solid colour

### CONTACT

**Emmanuel Dupuy** / ed@aeroasset.com

**+1 (289) 400-4725**

© Copyright - AeroAsset, Inc ® 2024 - All Rights Reserved -Specifications Subject To Verification upon Inspection.



PLAY VIDEO



VIRTUAL TOUR

# 2024 Leonardo AW109SP GrandNew "Elite"

## #22462 | G-CMUV



### TOTAL HOURS

10 hours since new

### ENGINES

Two Pratt & Whitney PW207C Turbo-shaft engines

#	S/N	TSN	LANDINGS
1	PCE-BH1137	10	9
2	PCE-BH1139	10	9

### HIGHLIGHTS

Delivery time

5 year Leonardo warranty

Elite completion package

Hangared near Heathrow Int Airport, UK

### CUSTOMER REQUIRED CONFIGURATION

#### COMPLETION: GRANDNEW ELITE INTERIOR – 5 PLACES

##### PASSENGER CABIN

VIP Passenger Cabin, including:

- Super silent soundproofing
- Liners leather/leatherette covered
- Intercommunication system for passengers
- Two (2) cabin loudspeakers
- Reading lights, advisory lights, floor courtesy lights
- Upper and lower air vents
- VIP Cabin finishing

VIP Cockpit finishing

- Two (2) crashworthy fwd facing seats (aft bench) covered with leather, with Elite central cabinet
  - Three (3) crashworthy aft facing seats (central bench) covered with leather, with see-through modification and with foldable armrest
  - 4-point shoulder harness with inertial reels and safety belts for all passenger seats
  - Cabin double layer acrylic windows (azure coloured)
  - Five (5) Headset Bose ANR type
  - Floor carpeting
  - Leather headset straps in cabin
  - Dual USB charger at central bench (RH) (A-C ports)
  - Four coat hooks in passenger cabin
- VIP Cockpit package, including:
- Interseat console tray with 12 V power supply
  - Multipurpose holder (with space provision for fire extinguisher)
  - Right door pocket
  - Two (2) headset hooks
  - Cyclic and collective leather gators
  - Curtains in cockpit on upper windows

### CUSTOMER SELECTED EQUIPMENT

#### PAINTING

Customized painting scheme, Premium Plus; up to 5 colours from selection, Premium finishing, Registration Marks and Logos (decal or painted)

#### UTILITY EQUIPMENT

213 USgal crash-resistant fuel system (in lieu of 152 USG)  
High-intensity white strobe lights on horizontal stabilizer  
Electrically operated passenger step (LH)

#### AVIONIC EQUIPMENT

Traffic Advisory System TAS-620 Avydyne (presented on EFIS)  
Weather radar RDR 2000 Bendix/King or equivalent model (presented on EFIS)  
iPad certified mount with USB charger point for USB A and C in cockpit (installed by Sloane post-delivery)  
8.4" cockpit central display – provision  
Enhanced Vision System (EVS) Max-Viz 2300 – provision  
Cockpit Voice/Flight Data Recorder (CVR/FDR) Penny & Giles – provision

### CONTACT

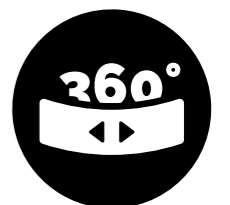
**Emmanuel Dupuy** / ed@aeroasset.com

**+1 (289) 400-4725**

© Copyright - AeroAsset, Inc ® 2024 - All Rights Reserved -Specifications Subject To Verification upon Inspection.



PLAY VIDEO




VIRTUAL TOUR

# 2024 Leonardo AW109SP GrandNew "Elite" #22462 | G-CMUV



CONTACT

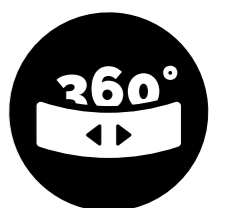
**Emmanuel Dupuy** / ed@aeroasset.com

 **+1 (289) 400-4725**

© Copyright - AeroAsset, Inc ® 2024 - All Rights Reserved -Specifications Subject To Verification upon Inspection.



**PLAY VIDEO**




**VIRTUAL TOUR**

# 2024 Leonardo AW109SP GrandNew "Elite" #22462 | G-CMUV



CONTACT

**Emmanuel Dupuy** / ed@aeroasset.com

 **+1 (289) 400-4725**

© Copyright - AeroAsset, Inc ® 2024 - All Rights Reserved -Specifications Subject To Verification upon Inspection.



**PLAY VIDEO**



**VIRTUAL TOUR**




# 2024 Leonardo AW109SP GrandNew "Elite" #22462 | G-CMUV



CONTACT

**Emmanuel Dupuy** / ed@aeroasset.com

 **+1 (289) 400-4725**

© Copyright - AeroAsset, Inc ® 2024 - All Rights Reserved -Specifications Subject To Verification upon Inspection.



**PLAY VIDEO**




**VIRTUAL TOUR**

# 2024 Leonardo AW109SP GrandNew "Elite" #22462 | G-CMUV



CONTACT

**Emmanuel Dupuy** / [ed@aeroasset.com](mailto:ed@aeroasset.com)

 **+1 (289) 400-4725**

© Copyright - AeroAsset, Inc ® 2024 - All Rights Reserved -Specifications Subject To Verification upon Inspection.



**PLAY VIDEO**




**VIRTUAL TOUR**

2024 Leonardo AW109SP GrandNew "Elite"  
#22462 | G-CMUV



CONTACT

**Emmanuel Dupuy** / ed@aeroasset.com

 **+1 (289) 400-4725**

© Copyright - AeroAsset, Inc ® 2024 - All Rights Reserved -Specifications Subject To Verification upon Inspection.



**PLAY VIDEO**




**VIRTUAL TOUR**

**2024 Leonardo AW109SP GrandNew "Elite"**  
#22462 | G-CMUV



CONTACT

**Emmanuel Dupuy** / ed@aeroasset.com

 **+1 (289) 400-4725**

© Copyright - AeroAsset, Inc ® 2024 - All Rights Reserved -Specifications Subject To Verification upon Inspection.



**PLAY VIDEO**




**VIRTUAL TOUR**

# 2024 Leonardo AW109SP GrandNew "Elite" #22462 | G-CMUV



CONTACT

**Emmanuel Dupuy** / ed@aeroasset.com

 **+1 (289) 400-4725**

© Copyright - AeroAsset, Inc ® 2024 - All Rights Reserved -Specifications Subject To Verification upon Inspection.



**PLAY VIDEO**



**VIRTUAL TOUR**

# 2024 Leonardo AW109SP GrandNew "Elite" #22462 | G-CMUV



CONTACT  
**Emmanuel Dupuy** / ed@aeroasset.com  
 **+1 (289) 400-4725**

© Copyright - AeroAsset, Inc ® 2024 - All Rights Reserved -Specifications Subject To Verification upon Inspection.



**PLAY VIDEO**



**VIRTUAL TOUR**

# 2024 Leonardo AW109SP GrandNew "Elite" #22462 | G-CMUV



CONTACT  
**Emmanuel Dupuy** / ed@aeroasset.com  
 **+1 (289) 400-4725**

© Copyright - AeroAsset, Inc ® 2024 - All Rights Reserved -Specifications Subject To Verification upon Inspection.



**PLAY VIDEO**




**VIRTUAL TOUR**

# 2024 Leonardo AW109SP GrandNew "Elite" #22462 | G-CMUV



CONTACT

**Emmanuel Dupuy** / [ed@aeroasset.com](mailto:ed@aeroasset.com)

 **+1 (289) 400-4725**

© Copyright - AeroAsset, Inc ® 2024 - All Rights Reserved -Specifications Subject To Verification upon Inspection.



**PLAY VIDEO**



**VIRTUAL TOUR**




**2024 Leonardo AW109SP GrandNew "Elite"**  
#22462 | G-CMUV



CONTACT

**Emmanuel Dupuy** / ed@aeroasset.com

 **+1 (289) 400-4725**

© Copyright - AeroAsset, Inc ® 2024 - All Rights Reserved -Specifications Subject To Verification upon Inspection.



**PLAY VIDEO**



**VIRTUAL TOUR**

**2024 Leonardo AW109SP GrandNew "Elite"**  
#22462 | G-CMUV



CONTACT  
**Emmanuel Dupuy** / ed@aeroasset.com  
 **+1 (289) 400-4725**

© Copyright - AeroAsset, Inc ® 2024 - All Rights Reserved -Specifications Subject To Verification upon Inspection.



**PLAY VIDEO**




**VIRTUAL TOUR**

2024 Leonardo AW109SP GrandNew "Elite"  
#22462 | G-CMUV



CONTACT

**Emmanuel Dupuy** / ed@aeroasset.com

 **+1 (289) 400-4725**

© Copyright - AeroAsset, Inc ® 2024 - All Rights Reserved -Specifications Subject To Verification upon Inspection.



**PLAY VIDEO**



**VIRTUAL TOUR**

# 2024 Leonardo AW109SP GrandNew "Elite" #22462 | G-CMUV



CONTACT  
**Emmanuel Dupuy** / ed@aeroasset.com  
 **+1 (289) 400-4725**

© Copyright - AeroAsset, Inc ® 2024 - All Rights Reserved -Specifications Subject To Verification upon Inspection.



**PLAY VIDEO**



**VIRTUAL TOUR**

# 2024 Leonardo AW109SP GrandNew "Elite" #22462 | G-CMUV

**AEROASSET**

CONTACT

**Emmanuel Dupuy** / ed@aeroasset.com

**+1 (289) 400-4725**

© Copyright - AeroAsset, Inc ® 2024 - All Rights Reserved -Specifications Subject To Verification upon Inspection.



**PLAY VIDEO**



**VIRTUAL TOUR**

# 2024 Leonardo AW109SP GrandNew "Elite" #22462 | G-CMUV

**AEROASSET**



CONTACT

**Emmanuel Dupuy** / ed@aeroasset.com

**+1 (289) 400-4725**

© Copyright - AeroAsset, Inc ® 2024 - All Rights Reserved -Specifications Subject To Verification upon Inspection.

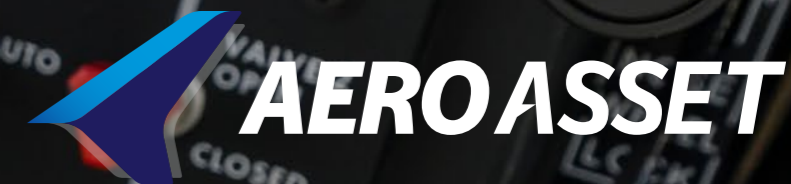


PLAY VIDEO



VIRTUAL TOUR

# 2024 Leonardo AW109SP GrandNew "Elite" #22462 | G-CMUV



CONTACT

**Emmanuel Dupuy** / ed@aeroasset.com

**+1 (289) 400-4725**

© Copyright - AeroAsset, Inc ® 2024 - All Rights Reserved -Specifications Subject To Verification upon Inspection.



PLAY VIDEO



VIRTUAL TOUR

# 2024 Leonardo AW109SP GrandNew "Elite"

#22462 | G-CMUV



CALIBRATED WITH  
RADIO RECEIVERS ON

W 24 2

For	N	30	60	E	120	150
Steer	0	31	61	90	120	150
For	S	210	240	W	300	330
Steer	180	210	240	270	300	330
DATE	20/5/2024					
AIRPATH						

CONTACT

**Emmanuel Dupuy** / ed@aeroasset.com

**+1 (289) 400-4725**

© Copyright - AeroAsset, Inc ® 2024 - All Rights Reserved -Specifications Subject To Verification upon Inspection.



PLAY VIDEO



VIRTUAL TOUR




2024 Leonardo AW109SP GrandNew "Elite"  
#22462 | G-CMUV



CONTACT

**Emmanuel Dupuy** / ed@aeroasset.com

 **+1 (289) 400-4725**

© Copyright - AeroAsset, Inc ® 2024 - All Rights Reserved -Specifications Subject To Verification upon Inspection.



**PLAY VIDEO**



**VIRTUAL TOUR**


# 2024 Leonardo AW109SP GrandNew "Elite"

#22462 | G-CMUV



CONTACT

**Emmanuel Dupuy** / [ed@aeroasset.com](mailto:ed@aeroasset.com)

 **+1 (289) 400-4725**

© Copyright - AeroAsset, Inc ® 2024 - All Rights Reserved -Specifications Subject To Verification upon Inspection.

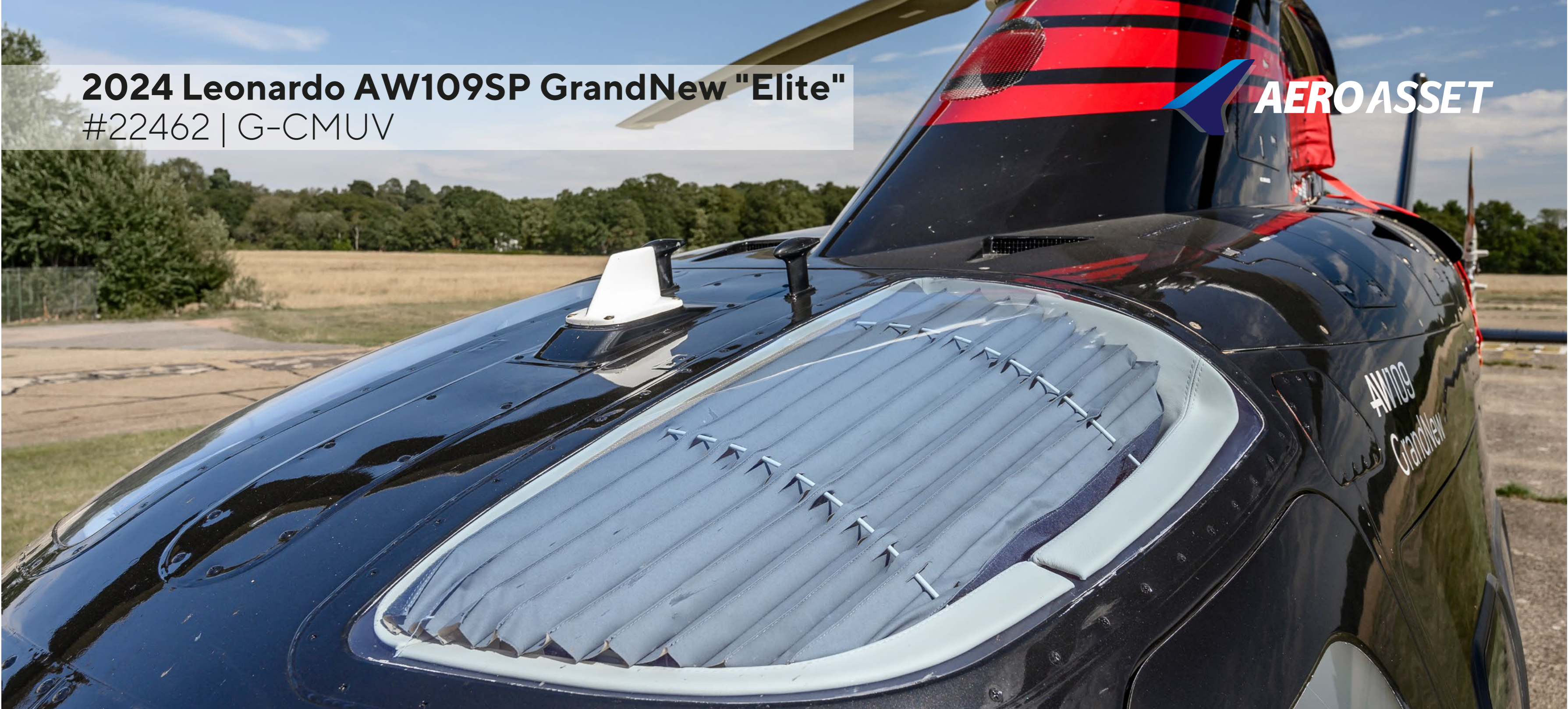


**PLAY VIDEO**




**VIRTUAL TOUR**

**2024 Leonardo AW109SP GrandNew "Elite"**  
#22462 | G-CMUV



CONTACT

**Emmanuel Dupuy** / ed@aeroasset.com

 **+1 (289) 400-4725**

© Copyright - AeroAsset, Inc ® 2024 - All Rights Reserved -Specifications Subject To Verification upon Inspection.



**PLAY VIDEO**



**VIRTUAL TOUR**

2024 Leonardo AW109SP GrandNew "Elite"  
#22462 | G-CMUV



CONTACT  
**Emmanuel Dupuy** / ed@aeroasset.com  
 **+1 (289) 400-4725**

© Copyright - AeroAsset, Inc ® 2024 - All Rights Reserved -Specifications Subject To Verification upon Inspection.



**PLAY VIDEO**



**VIRTUAL TOUR**



**AEROASSET.COM**

181 Bay Street, Toronto,  
ON, M5J 2T9, Canada  
Phone: +1 732 578 8217  
sales@aeroasset.com



© Copyright - AeroAsset, Inc ® 2024 - All Rights Reserved  
Specifications Subject To Verification upon Inspection.



AGUSTA