

FULL SERVICE IN CRITICAL TIMES



H125/AS350, AS355 & H130/EC130 Support Capabilities





As a worldwide leader in helicopter maintenance, repair, and overhaul, StandardAero is committed to providing the highest standards of quality, reliability, and customer service to more than 3,000 customers in over 85 nations.

StandardAero provides a comprehensive range of services and support for the H125/AS350 Ecureuil/AStar/Squirrel, AS355 Ecureuil 2/TwinStar and H130/EC130 EcoStar series of light helicopters. StandardAero is an Airbus Helicopters-authorized service center for the family, and an OEM-authorized engine facility for the Safran Helicopter Engines Arriel 1 & 2 and Rolls-Royce M250® engine families.

With over two decades of experience supporting the Airbus Helicopters AS350/EC130 family, StandardAero's full range of approvals for the type is as follows:

- Airbus Helicopters H125/AS350, AS355 & H130/EC130 Maintenance Center
- Airbus Helicopters H125/AS350, AS355 & H130/EC130 Repair Center
- Airbus Helicopters H125/AS350, AS355 & H130/EC130 Service Center
- Safran Helicopter Engines Arriel 1 & 2 Repair and Overhaul Center (Level 4 maintenance)
- Rolls-Royce M250 Approved Maintenance Repair and Overhaul Center (AMROC)



Maintenance

StandardAero has comprehensive H125/AS350, AS355, and H130/EC130 maintenance offerings, including O- & I- level maintenance through to depot repairs. StandardAero's comprehensive capabilities include inspections, component repair, structural and composite repairs, engine overhaul, and aircraft painting.

- Major and scheduled inspections
- Field service
- Component replacement
- Project management
- Pre-purchase inspections and insurance appraisals
- Accident damage quotations
- Component/engine repair and overhaul

Major Inspection (12-year)

Twelve year inspection and standard parts replacement includes:

- 10 FH/BFF/TA/ALF inspection
- 100 FH / 12 month
- 600 FH / 24 month
- 1200 FH / 48 month
- 6-1 major inspection / 144 month

Structures & Composites

- Fuselage and tailboom fixtures (Airbus Helicopters approved)
- Exchange fuselage and tailboom available
- Horizontal stabilizer repairs
- Door and cowling repairs
- Firewall repairs
- Vertical stabilizer and lower fin repairs/modifications
- Canopy repairs
- Ultrasonic inspection equipment
- Honeycomb and composite panel rebuild using
 - Hot bond controllers and specialized heat blankets
 - Cure ovens
 - Vacuum clamp and bag systems



AS350 BA to B2 Conversions

StandardAero can convert existing AS350 BA aircraft to AS350 B2 standards, offering increased gross weight, improved hot & high performance, greater power margins for increased safety, and reduced pilot workload. The enhanced mission profile improves marketability, and the increased resale value often offsets the modification cost.

Aircraft modification highlights:

- Safran Arriel 1D1 engine (+11% takeoff power)
- Increased aircraft gross weight (+330 lb / 150 kg)
- Fuel system upgrades
- Tailboom structural improvements
- Upgraded instrumentation
- Main rotor head upgrades
- Power-train improvements

*Note that aircraft manufactured before 1987 will require additional aircraft specific modifications

Avionics

StandardAero's avionics department utilizes the latest technology to provide quality service, including new installations, STC installations, refits, rewires and avionics upgrades. StandardAero is an industry-recognized leader in STC development and system integration for glass cockpit technologies.

- Full and partial airframe rewire
- Wire harness fabrication
- Laser wire marking
- Comprehensive special operations STCs
- Distributor for all major OEMs
- Avionics package design and upgrade, including glass cockpit installation
- Mission equipment installation
- Factory trained technicians
- Line replacement unit repairs
- Rental/loaner pool available
- Warranty service center for major avionics OEMs



ADS-B In/Out Retrofit

StandardAero has developed a global ADS-B In/Out solution for the H125/AS350, AS355 and H130/EC130 to meet upcoming equipment mandates by the FAA and other certification authorities. This STC allows operators to retrofit their aircraft for ADS-B compliance with either the L3 Lynx NGT-9000 or Garmin GTX-345 transponders.

STC number:

FAA AML STC: SR02478AK

EASA STC: 10062156

Mexico DGAC STC: IA-405/2017

ANAC AML STC: Pending

Benefits:

- FAA-approved ADS-B upgrade
- ADS-B In/Out and internal GPS
 - Includes 1090 MHz extended squitter and UAT ADS-B In
- Wi-Fi enabled for use with portable electronic devices (PEDs)

Technical information:

L3 Lynx NGT-9000

- Panel-mounted Mode S extended squitter (ES) transponder with intuitive touchscreen interface
- Dual-mode 1090ES ADS-B Out plus 1090 MHz and 978 MHz ADS-B In
- Internal rule-compliant position source (WAAS/GPS)
- Moving maps, including TFRs, airport databases and NOTAMS
- Subscription-free ADS-B graphical and textual weather (USA only)
- MFD interface to show traffic and weather data on compatible cockpit displays
- Options available for active traffic, antenna diversity and wi-fi PED connectivity



Garmin GTX-345

- Panel-mounted Mode S extended squitter (ES) transponder
- Dual-mode 1090ES ADS-B Out plus 1090 MHz and 978 MHz ADS-B In
- Internal rule-compliant position source (WAAS/GPS)
- Subscription-free ADS-B graphical and textual weather (USA only)
- Interface to show ADS-B traffic and weather data on compatible cockpit displays
- PED connectivity (Bluetooth)



AS350/EC130 Crash-Resistant Fuel Tank (CRFT)

Designed in co-operation with Robertson Fuel Systems LLC, this direct replacement primary fuel tank features important safety enhancements, including the introduction of all-new modernized fuel retention technology and the strategic relocation of certain critical components to further enhance safety and ease of maintenance. The CRFT has slightly greater usable fuel capacity than the legacy fuel tank, at 144 U.S. Gal. (545 L).

STC number:

FAA STC: SR02492AK

EASA STC: 10064703

TCCA STC: SH19-21

Safety Features:

- Bladder equipped FAR Part 27 FAA crash-resistant design
- Self-sealing breakaway valve to prevent fuel leakage
- Vent system roll-over protection
- Vent system flame arrestor
- Crash-resistant recessed sump drain valve

Ease of Maintenance Features:

- PMA approved and low installation time
- Modern fuel quantity transmitter that works with existing gauges both analogue and VEMD
- Quick change cartridge style boost pump, replaceable without draining fuel
- Independent low fuel level sensor
- All main components accessible at the bottom cover plate
- Increased inspection interval on the fuel pump
- Single or dual pump configurations



Engine Maintenance, Repair & Overhaul (MRO)

Safran Helicopter Engines

Models supported:
Arriel 1B / 1D / 1D1
Arriel 2B / 2B1

- Engine and module repair and overhaul (R&O)
- Borescope inspection
- Failure analysis
- Freewheel shaft R&O
- Service Bulletin (SB) compliance
- Model conversions
- Complete test capabilities
- Rental pool available
- Parts support
- Engineering support
- Complete service center capabilities
- Field service

Rolls-Royce

Models supported:
M250-C20F / M250-C20R / M250-C30M

- Engine and module repair and overhaul (R&O)
- Borescope inspection
- Failure analysis
- Component repair
- Service Bulletin (SB) compliance
- Foreign object damage (FOD) repair
- Model conversions
- Complete test capabilities
- Rental pool available
- Parts support
- Engineering support
- Field service



Engine Sales & Exchange

StandardAero helps secure continuous operations by providing a range of lease engine types during scheduled or unscheduled shop visits.

Arriel 1 engines/modules: 1B / 1D / 1D1
Arriel 2 engines/modules: 2B / 2B1
M250 engines/modules: C20F / C20R / C30M

Component MRO

StandardAero provides a comprehensive capability for the repair, modification and testing of an extensive range of dynamic components for the H125/AS350, AS355 and H130/EC130. StandardAero is Airbus Helicopters' approved European hub for component MRO.

- Epicyclic
- Bevel reduction gearbox
- Tail rotor gearbox
- Driveshaft
- Complete in-house test cell
- Lease and exchange units available

FULL SERVICE IN CRITICAL TIMES

AUSTRALIA

RAAF Base Building 120 Percival Street
Richmond, Australia NSW 2755
Tel: +61.2.4578.4092

LANGLEY

#48-21330 56 Avenue
Langley, British Columbia, Canada V2Y 0E5
Tel: +1.604.514.0388

VANCOUVER

20699 Westminister Highway
Richmond, British Columbia, Canada V6V 1B3
Tel: +1.604.276.7600

WINNIPEG

570 Ferry Road
Winnipeg, Manitoba, Canada R3H 0T7
Tel: +1.204.318.7544

SINGAPORE

100 Seletar Aerospace View
Singapore 797507
Tel: +65 6715.2100

UNITED KINGDOM - ALMONDBANK

Almondbank, Perth UK, PH1 3NQ
Tel: +44.17.3858.4301

UNITED KINGDOM - FLEETLANDS

110 Fareham Road
Gosport, Hampshire, UK PO13 0AQ
Tel: +44.23.9294.6100

FORT MYERS

11900 Lacy Lane
Fort Myers, Florida, USA 33966
Tel: +1.888.686.4880

HIALEAH

860 West 84 Street
Hialeah, Florida, USA 33014
Tel: +1.954.929.7233

CONCORD

6865 Belt Road
Concord, North Carolina, USA 28027
Tel: +1.704.720.7480