

BIGGER. BETTER. BOLDER.



Global Design Defence Services

Mission Support:

StandardAero is an industry-leading independent modification and upgrade provider for fixed and rotary-wing aircraft to customers across all operational segments and requirements.



Defence

Mission-ready | Secure | Future-proof

Helicopters play a crucial role in modern military operations. Their manoeuvrability and multirole capabilities offer a tactical advantage in locations where other means of transport or force projection may not be an option.

StandardAero is a trusted provider of maintenance, repair, overhaul (MRO) and modification services to military forces and government agencies around the world, with a 75 year heritage. Our unique insight and experience in supporting military operators, due to our historical connection with the UK MoD and armed forces worldwide, is renowned.

We provide certified technical solutions addressing capability enhancement and obsolescence management applicable to legacy platforms including the Super Puma, Lynx, Sea King, and Gazelle. We convert aircraft from Oil & Gas to Utility roles and our certified solutions (eg.CVFDR, ADS-B, HTAWS) address global regulatory mandates.

We offer a comprehensive range of services, spanning engine, propeller, component and rotary-wing airframe MRO, plus significant mission system integration services, including avionics, weapons sights, sensors and self-protection systems.

We offer OEM-authorized engine MRO for a wide range of military rotorcraft engines, including the GE T700 and CT7, Safran Helicopter Engines Arriel 1 and Arriel 2, and P&WC PT6T.

As an authorized service center for Airbus Helicopters and Sikorsky, StandardAero also offers extensive capabilities in helicopter airframe and dynamic component MRO. We also provide support for a wide range of Bell Helicopter military applications.

Our technical support teams are regularly called upon to support our defence customers in-theater, often for years at a time, and StandardAero employees have provided embedded support for operations across the globe.

StandardAero also offers extensive experience in developing and installing defensive aids suites, radar installations, weapons sights, FLIR/EO imaging systems, avionics upgrades and other mission systems.

Our range of existing combat-proven mission system modifications for helicopters and tactical aircraft, allied with our ability to rapidly develop reliable solutions to meet the specific needs of our customers, can help minimize operational risk, maximize operational effectiveness and ensure mission success in all environments, day and night.

Here are some examples of the many ways in which we support our military customers:

- Weapons and sighting installations
- Ballistic protection
- Glass cockpit upgrades
- Infrared suppression systems
- AESA Radar installations
- Crashworthy auxiliary fuel tanks
- NVIS lighting solutions
- Defensive aids suites
 - DIRCM, MAWS, RWR, Chaff + flare dispensers



Homeland Security

Versatile | Affordable | Reliable

Homeland security and border patrol personnel operators worldwide use helicopters to support a wide range of missions, including airborne patrol, tactical law enforcement, search and rescue, emergency medical assistance, surveillance, anti-terrorism operations and border security missions.

StandardAero supports airborne operators with a wide range of avionics and mission system modifications which enhance operational effectiveness while ensuring crew safety.

Here are some examples of the many ways in which we support our homeland security customers:

- FLIR/EO system
- High-intensity searchlight
- Satellite tracking system
- Flight management system
- Glass cockpit upgrades
- Hoist operations (single and dual)
- External loudspeaker system



GLOBAL SERVICE | LOCAL SUPPORT

Global Infrastructure

Our worldwide footprint of MRO facilities, service centers, international design teams and mobile repair team locations allows us to provide operators with local support on a global scale, working around the clock to keep our customers flying.

We offer our customers tailored modification and upgrade solutions through a broad range of certifications and STC approvals:

- FAA Part 145 (repair station)
- EASA 21J (design)
- EASA Part-M (CAMO)
- UK MAA DAOS & MAOS
- TCCAAMO
- EASA 21G (production)
- EASA 145 (MOA)
- TCCA DAO



MEDEVAC/CASEVAC

Protected | Effective | Available

MEDEVAC/CASEVAC crews operate in a truly 'life or death' environment, being tasked with safely transporting patients in all weather, day or night, often from unfamiliar landing locations. Operating against the clock, crews handle the pressure of the 'golden hour' day in and day out.

StandardAero is able to help operators meet the ever-increasing demands of MEDEVAC/CASEVAC regulations through its comprehensive portfolio of safety-enhancing avionics and mission equipment. StandardAero develops tailor-made solutions to support our customers, maximizing the safety of their crews and patients.

Here are some examples of the many ways in which we support our MEDEVAC/CASEVAC customers:

- Glass cockpit upgrades
- NVIS lighting solutions
- Polycon radio
- On-board medical equipment
- Flight data monitoring
- Crash-resistant fuel tank



Search and Rescue (SAR)

Responsive | All-weather | Capable

SAR missions by their nature involve some of the most difficult operating conditions and terrain. SAR crews must retrieve, transport and sometimes even treat casualties in life-threatening circumstances.

StandardAero has developed mission-proven solutions for SAR operators that allow them to locate and rescue their target as quickly and safely as possible.

Here are some examples of the many ways in which we support our SAR customers:

- FLIR/EO system
- High-intensity searchlight
- Advanced navigation systems
- Sea tray
- Dual hoist
- Glass cockpit upgrades
- NVIS lighting solutions



VIP Transport

Safe | Secure | Efficient

Helicopters are an invaluable means of support for VIP and communications missions around the world, providing a convenient, comfortable and safe option. Their versatility makes them equally suitable for operations from an airport, marine vessel or war zone area.

StandardAero offers its VIP transport customers tailored solutions to fully meet their requirements. Whether for a single aircraft or a fleet of rotor-craft, our designers can develop a customized solution to your specifications or utilize off-the-shelf offerings for immediate availability, maximizing your comfort and safety.

Here are some examples of the many ways in which we support our VIP aviation customers:

- VIP/business seating configuration
- Command + control communication
- Vibration/noise reduction systems
- Advanced avionics suites
- Baggage bay covers
- Cabin management systems



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Contact Us

Nigel Amphlett
Government Business Executive
Telephone: 0044 2392 946101 | Mobile: +44 7557 152935
nigel.amphlett@vectoraerospace.com

Elvis Moniz
VP, Business Development - Airframe & Avionics Solutions
Telephone: +1 (604) 514.7359 | Mobile: +1 (604) 614.6699
elvis.moniz@vectoraerospace.com