# HELICOPTER MAINTENANCE REPAIR OVERHAUL







Avionics

Dynamic Components

Engines

Airframes





# Our Mission

To be the best to work for, the most trusted service partner and where custom solutions come Standard.



# The World's Largest Independent Helicopter MRO

As a worldwide leader in Helicopter Maintenance, Repair, and Overhaul (MRO),

we are committed to providing the highest standards of quality, reliability, and customer service to more than 3,000 military, commercial and private operators across six continents.

StandardAero holds major OEM licenses for Airbus Helicopters, General Electric, Pratt & Whitney Canada, Rolls-Royce, and Safran. Our capabilities include MRO support for engines, components, avionics, structures, parts fabrication, and accessories. As your global MRO provider, we are committed to providing custom solutions and constantly raising the standard for customer service.

Langley | BC - Canada
Richmond | BC - Canada
Winnipeg | MB - Canada
Seletar | Singapore
Fleetlands | UK
Denver | CO - USA
Fort Myers | FL - USA
Hialeah | FL - USA
Concord | NC - USA
Dallas | TX - USA







## OUR ADVANTAGES



#### **Competitive Pricing**

We understand that helicopter operators expect value. In response to our customers' expectations, we are committed to deliver this by informing you of all maintenance and repair options, the availability of new or reconditioned parts, and the time-and-materials costs involved in returning your engine or aircraft to service.



#### **Technical and Engineering Expertise**

StandardAero's highly skilled and cross-trained technical specialists are able to provide you with local support 24/7 ensuring that you stay in the air.



#### **Personalized Customer Service**

StandardAero assigns each customer a designated Customer Service Representative, whose job is to coordinate and communicate with you throughout the repair process, serving as your first point of contact for any questions and needs.



#### **Fast Turnaround Times**

StandardAero has earned a reputation for responsive service that is focused on minimizing your aircraft downtime and communicating accurate lead time forecasting to customers. Rental engines and other assets are available to ensure that you remain operational while the work is performed.



#### **Customized Workscopes**

Our customers are provided with a comprehensive assessment of the condition of their engine and components, supported by photographic documentation defining the specific workscope requested and any additional work required.



#### **Superior Warranty**

We stand behind our work with one of the best comprehensive workmanship warranties in the business. This assurance reflects the rigorous quality processes that our highly trained staff follow, in order to provide uniformly high standards across our facilities.



# ENGINE & LRU/ACCESSORY SERVICES

CAPABILITIES	General Electric	LHTEC		Whitney nada_	Rolls	-Royce	Safran	
	T700/CT7	CTS800	PT6T	PW200	M250	RR300	Arriel 1	Arriel 2
Full Engine MRO	•	2022	•	•	•	•	•	•
Certified Test Cell	•	2023	•	•	•	•	•	•
Engineer Support	•		•	•	•	•	•	•
Lease and Exchange Pool	•		•	•	•	•	•	•
Surplus Inventory Sales			•	•	•	•	•	•
Worldwide Field Service	•		•	•	•	•	•	•
Location	Vancouver Portsmouth	Portsmouth	Winnipeg Portsmouth	Dallas	Concord Dallas Singapore Vancouver Winnipeg Portsmouth	Dallas Singapore Winnipeg Portsmouth	Winnipeg	Winnipeg
Accessory MRO	•		•	•	•	•	•	•
Location	Portsmouth		Denver Fort Myers Hialeah Portsmouth	Portsmouth (fuel Nozzles)	Denver Fort Myers Hialeah Portsmouth	Denver Fort Myers Hialeah Portsmouth		

#### Available

StandardAero holds certifications from multiple countries to work on the engines listed on this chart.

#### **General Electric**

As an MRO provider, StandardAero has been a registered overhaul facility for CT7 and T700 engines since 1999, including commercial and military variants. StandardAero assembled T700/T6A1 engines for the Royal Canadian Air Force's CH-149 Cormorant (AW101) fleet, CT7-8A and -8A1 engines for the RCAF's CH-148 (S-92) Cyclone helicopters.

#### LHTEC

With the recent acquisition of Signature ERO, StandardAero is expanding in 2022 its engine capability offerings to include LHTEC CTS800. Certified test cell services are expected to be available in 2033.



#### **Pratt & Whitney Canada**

StandardAero has supported the Pratt & Whitney Canada PT6T engine since 1988 as a Designated Overhaul Facility (DOF). Our PT6T DOF in Winnipeg, MB holds Transport Canada (AMO 231-91) and DAO, European Joint Aviation Authorities (JAR 145) licenses for the engine. With the recent addition of Dallas Airmotive and H+S Aviation to the StandardAero family, we have extended our PT6T engine services and have added PW200 capabilities to our MRO portfolio with two new centers in Portsmouth, UK, and Dallas, TX.

#### Rolls-Royce

StandardAero is a leading Approved Maintenance Repair and Overhaul Center (AMROC) for Rolls-Royce M250<sup>®</sup> and RR300 engines and an active participant in the Rolls-Royce Authorized Maintenance Center (AMC) council.

Our first M250 shop was established over 50 years ago. Today, we have a network of M250/RR300 centers strategically located in North America, Europe, and Asia, ready to serve customers from anywhere in the world. During the early 1980s, StandardAero developed new 'alignment build' MRO techniques, which reduced the M250's vibration and power deterioration, allowing for a more efficient and reliable engine. We continue to raise the standard with ingenuities such as our EnduroCoat 3500 technology, which combats compressor case corrosion, saving our customers valuable flying time and costly repairs. We are a long-standing provider of M250 MRO support to the U.S. armed services, U.S. government agencies, and leading international operators.

#### Safran

StandardAero ia an authorized Safran Arriel 1 and Arriel 2 Repair Center and the only independent Level 4 full overhaul center for the engine in North America. We have been servicing the Arriel since the early 1990s and have gained a reputation for providing outstanding customer service and excellent technical support.

Our 'alignment build' approach has also been adapted to the Arriel engine family, resulting in delivered power improvements and reduced engine vibration. In addition, we are a Safran Certified Maintenance Centre (CMC) that supports operators with standard exchange pools, new line replaceable material, and Safran 5-Star service-by-the-hour programs.

## COMPONENT SERVICES

#### **CAPABILITIES**

#### Airbus Helicopters

	H125/AS350	AS355	H130/EC130
Small Component MRO	•	•	•
Large Component MRO	•	•	•
Certified Test Cell	•	•	•
Lease and Exchange Pool	•	•	•
Engineer Support	•	•	•
Worldwide Field Service	•	•	•

Available

#### **Airbus Helicopters**

World-class repair and overhaul is the driving force at StandardAero Component Services. Our goal is to serve as your one-stop component repair shop. We are committed to continuously expanding and investing in our capabilities to help you recover your parts and save you time and money.

With a strong focus on process excellence, outstanding quality, competitive pricing, and value, we offer full MRO caluding bevel and combining gearboxes, tail rotor gearboxes, epicyclic, and main rotor shafts. With our in-house Airbus Helicopters certified test capabilities, we have established ourselves as the industry MRO provider of choice for Airbus Helicopters components.

In addition to our MRO capability on the major mechanical assemblies, we offer a repair catalog with 98 different Airbus piece parts and 434 combined Airbus B and C level repair schemes. Almost 100% of those repairs can be done in our rework department.

StandardAero also has an extensive pool of H125/ AS350 and H130 dynamic components available for exchange or lease. We can expeditiously ship parts and components as well as facilitate field service around the world. Quality and commitment to total customer satisfaction are our hallmarks throughout every repair process, sale, or exchange.



## **AIRFRAMES**

CAPABILITIES	Airbus Helicopters				Bell Helicopter				
	H125 / AS350	AS355	H120	H130 / EC130	AS332L/ L1	204/205	206	212/412	1
Depot Maintenance	•	•	•	•	•	•	•	•	•
Structures & Composites	•	•	•	•	•	•	•	•	•
Airframe Repair & Fixtures	•	•	•	•	•	•		•	•
Avionics & Rewire	•	•	•	•	•	•	•	•	•
Paint	•	•	•	•	•	•	•	•	•
Engineering Support	•	•	•	•	•	•	•	•	•
Existing STCs	•		•	•	•	•	•	•	•
New STC Development	•	•	•	•	•	•	•	•	•
Worldwide Field Service	•	•	•	•	•	•	•	•	•

Available

#### **Airbus Helicopters**

StandardAero is an Airbus Helicopters approved D-level Repair Center with over 50 years of experience working with Airbus Helicopter products. StandardAero has complete repair and modification capabilities for structural components, airframes, avionics, and engines in-house and off-site. We are also certified to perform all major airframe inspections and have a range of Supplemental Type Certificates (STCs) available on these platforms. Please see our <u>STC Catalog</u> for more details.

#### **Bell Helicopter**

In addition to MRO and STC capabilities for Bell 204, 205, 206, 212, and 412 helicopters, StandardAero offers extensive UH-1H upgrade capabilities, from airframe to tailboom upgrades and engine installments to component and avionics MRO, including glass cockpit installation. Please see our <u>UH-1H Upgrade Capabilities</u> <u>Brochure</u> and our <u>STC Catalog</u> for more details.



# CUSTOM PROGRAMS & SERVICES

#### **Engine Maintenance Reserve Programs**

At StandardAero, we understand that our customers have unique needs to serve you better. We offer an MRA (Maintenance Reserve Account) program that provides payment schedule flexibility. The MRA program allows customers to pay an hourly rate, with these funds accrued in a "maintenance reserve account" to put towards future scheduled and unscheduled MRO.

# H125/AS350/AS355 Series Nose-to-Tail Support Capabilities

StandardAero's team has an extensive pool of technicians trained byAirbus Helicopters to perform nose-to-tail MRO services on H125/AS350/AS355 series aircraft. With certification to perform major and scheduled inspections, D-level structural repair, extensive component, airframe and avionics MRO, and AS350 BA-to-B2 conversions, we are your H125/AS350/AS355 series one-stop-shop.

To cover your H125/AS350/AS355 series engine requirements, StandardAero is an authorized Safran Arriel 1 & 2 Level 4 Repair Center and a Rolls-Royce M250 Approved Maintenance Repair and Overhaul Center (AMROC), with over 40 years of MRO experience on these engine platforms.

#### Lease/Exchange Pool and Surplus Inventory Sales

As an aircraft operator, your prime interest is to keep your aircraft flying. StandardAero helps you ensure continuous operations by providing a broad range of lease engine types during scheduled or unscheduled shop visits. We also offer a lease and exchange pool, along with inventory parts sales. These parts range from complete dynamic component and engine assemblies and sub-assemblies to consumable items and repairable parts.







#### Supplemental Type Certificates (STCs)

StandardAero offers over 20 STCs for Airbus Helicopters, Bell Helicopter, and Leonardo platforms. We offer a broad range of upgrade and installation capabilities to meet our customers' needs. From Rockwell Collins and Safran electronic display systems to night vision imaging systems (NVIS), tailboom upgrades, satellite tracking systems, and mission-critical equipment, such as our AS350/EC130 crash-resistant fuel tank and L-3 Lynx ADS-B In/Out solution. To meet our customers' evolving requirements, we also offer a custom STC development program.

#### Fleet MRO Program

Having developed the capability to offer custom Fleet MRO agreements to customers, StandardAero will work with their customers to create unique programs offering engine, component, and airframe MRO services. We can provide flexibility in pricing programs, including conventional time-and-materials pricing, adding firm pricing elements, and pay-by-the-hour programs for some products, all intended to provide our customers with the solution that fits their business models.

#### **UH-1H Upgrade Program**

StandardAero has a whole program dedicated to UH-1H upgrades, including airframe, tailboom, glass cockpit, engine, drive train, rotor system, wiring, and avionics upgrades or replacements. StandardAero's H³ (Hot, High & Heavy) upgrade provides significantly increased power and lift performance, as well as improved control, reliability, and safety.

For more information on any of these programs, please visit <a href="https://www.StandardAero.com/Heli">www.StandardAero.com/Heli</a> or contact your local sales representative.



#### LANGLEY

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

#### **RICHMOND**

20699 Westminster 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

#### DENVER

IGS – A StandardAero Company 7290 W. 118th Place Broomfield, Colorado, USA 80020 Tel: +1.303.464.0043

#### 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

#### **DALLAS**

2988 W. Walnut Hill Lane DFW Airport, TX 75261 Tel: +1.214.956.3001

#### FLEETLANDS - UNITED KINGDOM

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

#### **SINGAPORE**

100 Seletar Aerospace View Singapore 797507 Tel:+65 6715.2100