

Heli-One
Excellence in Helicopter
Maintenance Services

S-76 Capabilities

A,B,C



Heli-One

Contact Us:
Sales@Heli-One.com

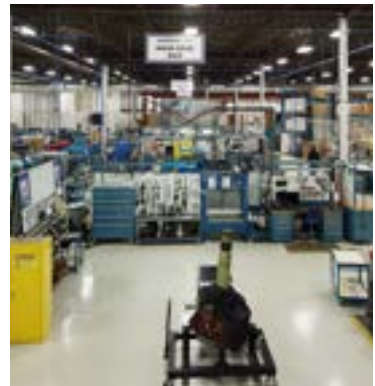
North America Office:
+1 604.952.7771

Corporate Headquarters:
4740 Agar Drive
Richmond, BC
CANADA V7B 1A3

Heli-One.com



Heli-One Canada located in Richmond and Delta, BC is a Sikorsky Authorized S-76 Customer Support Center and an Authorized Overhaul and Repair Facility. Between the facilities, Heli-One Canada offers complete maintenance services from component overhaul to extensive modifications projects.



Heli-One Canada in Delta, BC

Sikorsky Authorized S-76 Customer Support Center
Sikorsky Authorized S-76 Overhaul & Repair Facility for Gearboxes

Approvals: Transport Canada Civil Aviation - Approved Maintenance Organization, Manufacture & Certification, Design Approval Organization

Malaysia, Cayman Islands, China, Korea, Brazil, Indonesia, Mexico, Thailand

For our complete list of Approvals & Certificates:
<http://www.heli-one.com/about-us/approvals-certificates>

Airframe

Heli-One is widely recognized as a world leader on the Sikorsky S-76 platform, having supported hundreds of aircraft with a variety of support contracts. Heli-One is an Authorized S-76 Support Center and has developed hundreds of Major, Minor, and repair modifications for this versatile aircraft. Heli-One offers all levels of inspections/checks for airframe support and specializes in customized completions and conversions to help operators maximize their aircraft's operational capability.

- All levels of inspections/checks
- Full structural support
- Corrosion removal and repair
- Minor/major structural repairs and modifications
- Upgrades/modifications
- Service bulletin compliance
- Investigation/fault diagnosis
- Vibration evaluation and diagnosis
- Avionics



Mobile Repair Team Support

Heli-One's Mobile Repair Teams (MRT) are deployed around the world to perform a wide variety of services from inspections, repair, and design/engineering work. Our global pool of experienced technicians can be mobilized and deployed quickly to bases around the world. The team is customized per project and is assembled with cross-functionality and efficiency in mind.

Our Heli-One Canada facility is a Sikorsky Authorized S-76 Repair & Overhaul Center for gearboxes (Main, Intermediate, Tail). The shop also services other dynamics including rotor heads and drive shafts as well as small components. The shop's wealth of in-house resources and centralized work facility lowers turnaround times and ensures that Heli-One's high safety & quality standards are met. Nearly 400 unique repairs for S-76 components are a cost effective solutions over replacement and expand budget options.

Dynamic & Small Component repair & overhaul capability highlights:

- Gearboxes (Main, Intermediate, Tail)
- Bearing supports
- Engine mounts
- Struts
- Brakes
- Wheels
- Landing gears
- Drive shafts
- Swashplates
- Rotor heads
- Avionics (generators, batteries, radar, radios, navcomm, etc)



Components

Support Plans

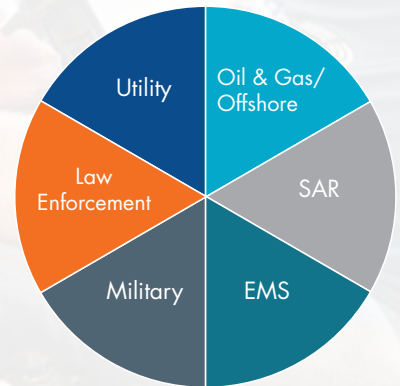
Heli-One offers S-76 customized maintenance support - giving you a single source of maintenance service across multiple OEMs, including engines. We give you predictable maintenance budgets, covering both scheduled and unscheduled events, with a dedicated Customer Support Officer and 24/7 AOG support.



Heli-One's two Design teams design, certify, and install innovative and practical solutions in nearly any airworthiness jurisdiction in the world. We have hundreds of Major/Minor modifications and repair solutions and have worked with military and civil operators representing every mission type in the industry.

Our Design teams have developed many solutions for the S-76 for a variety of missions including:

- Flight Display Modernization
- Flight Data Monitoring (FDM) with SSQR
- Cockpit Voice Recorder (Penny & Giles) Multi-Purpose Flight Recorder
- Egress Railing
- Emergency Beacon Locating System
- Enhanced Ground Proximity System (EGPWS)
- Honeywell Mk XXII
- GPS with Map Display (Garmin GNS-530/530W)
- Loud Hailer
- Flight Following and Satellite Communication SkyTrac ISAT-200
- Avionics Shelves
- Traffic Advisory System TAS-620
- Triple Seat
- Water Activated Floatation System
- Weather Radar System Honeywell Primus 660



Modifications



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S-76 ADVANCED FLIGHT DISPLAY UPGRADE



BENEFITS:

- Replaces analogue flight and navigation instruments
- Reduces direct maintenance cost: eliminates repair of existing analogue systems
- Provides pilot-friendly, intuitive interface which enhances safety, improves situational awareness, and reduces workload
- Extends operational capability and avoids obsolescence
- Multiple screens allows for special mission equipment integration (eg. synthetic vision, terrain awareness)
- Proven in many different aircraft types and well supported with spares & repairs
- Can be retrofitted for S-76 A/B/C variants
- TCCA STC Approval (2018)
- Custom milled instrument panel

Heli-One installs the Electronic Flight Information System (EFIS) upgrade for the Sikorsky S-76 based on Universal Avionics EFI-890H - a well proven system with wide interface capabilities. This upgrade modernizes the cockpit display by increasing operational capability as well as enhancing crew safety & awareness.

COMPONENTS:

- Flat Panel Integrated Display (FPID) with 3 Universal Avionics EFI-890H displays
- Universal Avionics UNS-1Fw Flight Management System
- L3 ESI-200 Standby Instrument
- Optional upgrades: Vision@1 Synthetic Vision System, Enhanced Ground Proximity Warning System (EGPWS), Primus P 700A weather radar, TAS-620 Traffic Advisory System

TO ALWAYS KEEP YOU SAFE AND MISSION-READY
WHILE REDUCING COST OF OWNERSHIP

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S-76 DYNAMIC MAIN GEARBOX OVERHAUL

As a certified S-76 service center and authorized overhaul facility, Heli-One performs main gearbox overhauls with a fast turnaround time. Our decades of Sikorsky experience, extensive repair capabilities, and focus on customer service reduce project times and cost.



BENEFITS:

- Targeted 45 day turnaround time
- Extensive expertise in S-76 maintenance
- On-site repair capabilities and large part inventory are workarounds to common industry part shortages (such as Housings)
- Dynamic component test cell on premise
- S-76 Certified Service Center
- 50+ main gearbox proprietary repair capabilities extends part lifespan and reduces cost

PART NUMBERS

76351-09500-043	76351-09600-043
76351-09600-041	76351-09600-045
76351-09600-042	

HELI-ONE DAR REPAIRS

Heli-One's in-house designed Design Airworthiness Requirement (DAR) repairs meet regulatory standards and prolong the lifespan of parts, which means immediate and long-term cost savings for customers.

Lower Housing - 7 Repairs Available
Upper Housing - 9 Repairs Available
Rear Cover - 10 Repairs Available

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