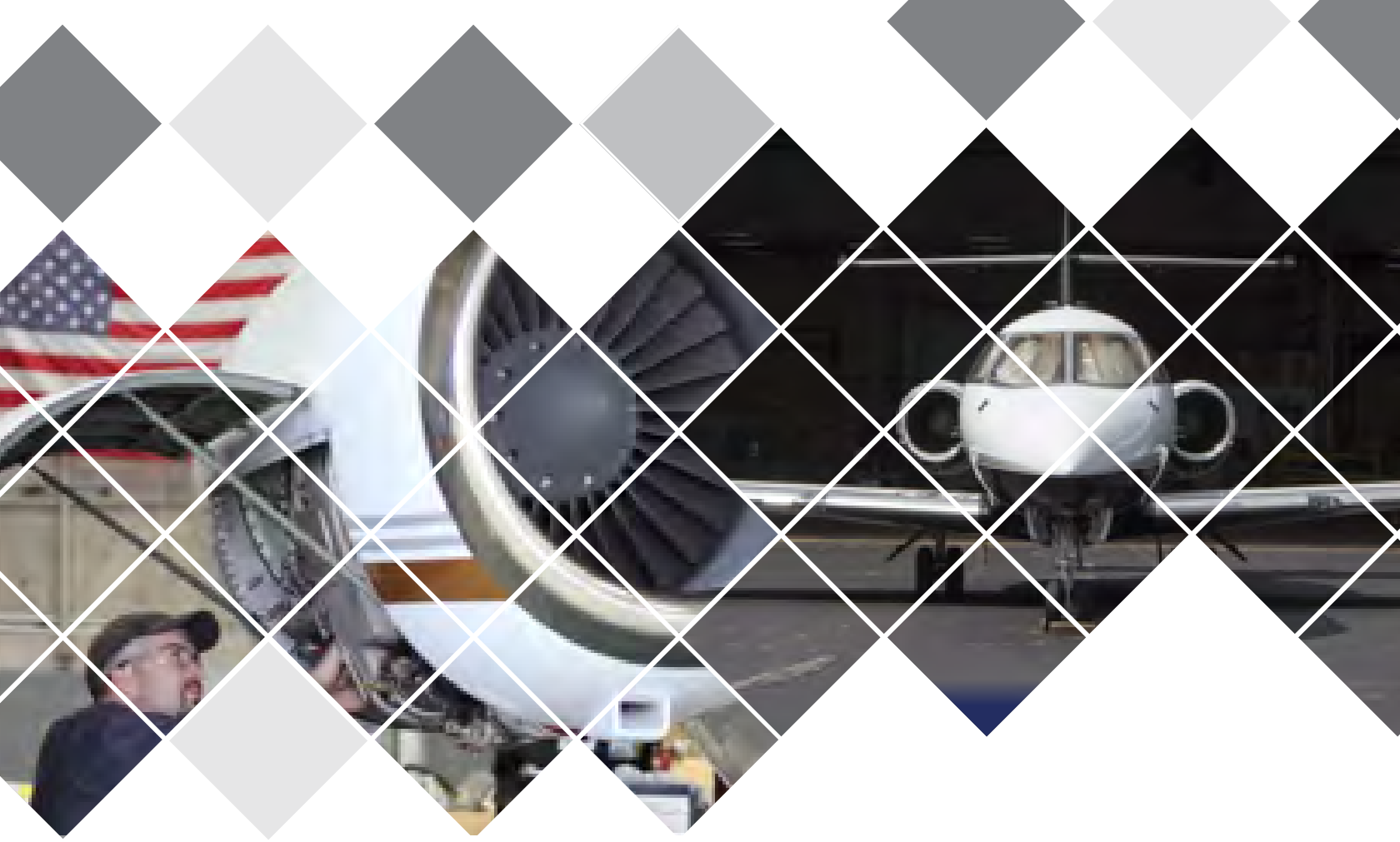


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HAWKER PROGRAM GUIDE

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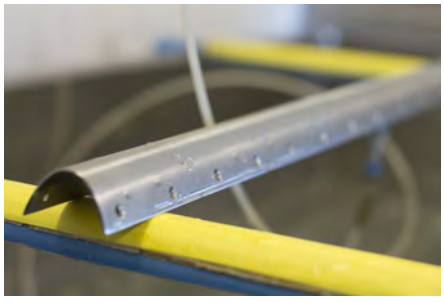
YOUR ONE-STOP SOLUTION FOR HAWKER SUPPORT AND SERVICE

HAWKER PROGRAM GUIDE









Over the years, C&L Aviation Group has provided extensive support of several corporate aircraft types, including our flagship corporate airframe - the **Hawker.**

To further support your operations, C&L has established extensive capabilities, inventory solutions, and lines of distribution to keep your Hawker in the air where it belongs.

Hawker Component Repair Specialties

- **Leading Edge Sections**
- **TKS/De-Ice Panels**
- **Titanium Outboard Leading Edges**
- **Handrails / Doorstay Assemblies**
- **Airbrakes**
- **Flight Controls**
- **Rotable Exchange Part**
- **Consumables/Expendables**
- **Distributorships**
- **Contract Pricing**

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User Support Reference Guide

C&L offers numerous programs and support features to meet the needs of its customers with industry-leading components and an ever-expanding inventory of options and accessories. Below you will find a reference guide to access C&L's most up-to-date offerings and support.

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GLOBAL CONTACT PAGE



C&L has local contacts around the globe to help you meet your Hawker Parts and Service needs.

For inquiries, please email at **cteam@cla.aero**

North America
+1 207 217 6050

Latin America/ Caribbean
+1 207 217 6085

Europe
+44 7973 655014

Africa
+27 72 224 3509

Asia
+65 8855 3232

Australia
+61 7 3354 8100

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Our vast Hawker inventory is well-stocked with ready-to-install components. Here are just some of the higher-moving parts we commonly support.



DOORS
25FC6829AF ..... TENSATOR MOTOR
25FC7477-31A ..... UPPER DOOR STAY ASSY (FIXED)
25FC7477AB..... UPPER DOOR STAY ASSY (FIXED)
800-8270-17..... UPPER DOOR STAY ASSY (BREAKOVER)
800-8270-33 ..... UPPER DOOR STAY ASSY (BREAKOVER)

ELECTRICAL POWER
23080-005 ..... STARTER GENERATOR
23080-064 ..... STARTER GENERATOR
501-1228-04 ..... EMERGENCY POWER SUPPLY
51539-006H..... GCU
BA02801-1..... FREQUENCY WILD A.C. GENERATOR
CB02701 ..... GENERATOR CONTROL UNIT
PC250 ..... STATIC INVERTER

ENGINE EXHAUST & THRUST REVERSER
225-0012-509 ..... THRUST REVERSER ASSY - LH
225-0012-511 ..... THRUST REVERSER ASSY - RH
5453512-19 ..... ACTUATOR ASSY - TR
5453512-20 ..... ACTUATOR ASSY – TR

FLIGHT CONTROLS
25-8CT29-115A ..... ELEVATOR TRIM JACK ASSY
25-8CT29-116A ..... ELEVATOR TRIM JACK ASSY
25-8CW159AB..... SCREWJACK, LH FLAP
25-8CW159AC..... SCREWJACK, LH FLAP
25-8CW161AB..... SCREWJACK, RH FLAP
25-8CW161AC..... SCREWJACK, RH FLAP
614MK-2 ..... UNIT ASSY, FLAP CONTROL
AIR46520-2..... AIRBRAKE JACKS
AIR46521-1..... AIR BRAKE SERVO ASSY
AIR46521-2 ..... AIRBRAKE SERVO

HYDRAULIC POWER
42022-03 ..... PUMP, HYDRAULIC
AC67732..... BRAKE CONTROL VALVE
TP42000 ..... PRESSURE SWITCH EMERG. BRAKES SYSTEM
TP42001..... PRESSURE SWITCH EMERG. BRAKES LP WARNING

HEROUX DEVTEK HS125
AIR45394-0 ..... RELIEF VALVE ASSY
AIR45474..... PRESSURE MAINTAINING VALVE
AIR45474/0..... PRESSURE MAINT.VALVE
AIR45396-5..... STEERING SERVO ASSY
AIR45396-7..... JACK, STEERING
AIR45404-1..... NOSE JACK ASSY
AIR45406/1..... SELECTOR/DUMP VALVE
AIR45408..... STEERING VALVE
AIR45408-0..... STEERING VALVE
AIR48484-3..... HYDRAULIC ACTUATOR- JACK DOOR
AIR48485-3..... HYDRAULIC ACTUATOR- JACK DOOR
AIR48502/6 ..... MAIN U/C JACK ASSY GEAR RETRACT
AIR48502-7..... JACK ASSY - MLG RETRACTION LH
AIR48503-7..... JACK ASSY - MLG RETRACTION RH
AIR48540-1..... SEQUENCE VALVE

HEROUX DEVTEK HS125 (cont...)
AIR48542-1..... REVERSING VALVE ASSY
AIR48543/1..... REVERSING VALVE ASSY

NAVIGATION & AUTOFLIGHT
7003110-901..... ELECTRONIC DISPLAY
WL1605AM2..... ALTIMETER
622-3260-001..... ELEVATOR TRIM SERVO MOTOR

MISC
25-8WS2141-9A..... AILERON BEARING PLATE
3060785-3..... OIL LUBE AND SCAV PUMP
3070850-57 ..... FUEL PUMP
3213788-1-1 ..... VALVE ASSY, MIXER
LDA150A-8C ..... CONTACTOR, BUSTIE
LDA200-B18C ..... CONTACTOR,INVERTER SUPPLY
NF0075-667 ..... ICE DETECTOR
WKA27942-2..... FILTER/BURSTING DISK ASSY, OXYGEN
WKA37447..... BOTTLE ASSY, O2
AC65216..... MAXARET
AC65218..... MAXARET
AHA1897..... BRAKE ASSY

DE-ICE PANELS
25-8WS1513-XX..... WING DE-ICE PANELS
D3371-02..... WING DE-ICE PANELS
D3372-02..... WING DE-ICE PANELS
D3373..... DE-ICE STALL TRIGGER
D3374..... DE-ICE STALL TRIGGER
D3377-02..... WING DE-ICE PANELS
D3378-02..... WING DE-ICE PANELS

LEADING EDGES
25-8KT1-XXX..... HORIZONTAL STABILIZER
25-8WS7-XXX..... WING LEADING EDGES
25-9WS7-XXX..... WING LEADING EDGES
S25-8WS50005AD..... OUTBOARD TITANIUM LEADING EDGES
S25-82S50006AD..... OUTBOARD TITANIUM LEADING EDGES

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Program Options

C&L helps customers with programs specifically designed to save time and money for operators. Each of these programs is highly customizable to fit the needs of the individual operator.

Consignment

Consignment inventory is an arrangement in which C&L provides aircraft parts to you in order to use as needed in your aircraft. You are only charged for the inventory once you have taken it out of consignedment and used it. Benefits of this program include:

- C&L will store aircraft parts at the operator's facility available for immediate use
- No up-front inventory investment
- Rotables and expendables
- Major time savings
- 24/7 access
- Drastically reduced AOG costs
- Completely customizable inventory mix

Repair Management

Due to the breadth of inventory and additional customer components that we manage, C&L generates a high volume of repairs. C&L has significant buying power and can negotiate competitive pricing and shorter turnaround times with experienced and reliable repair vendors. We are pleased to bass both time- and cost-saving benefits onto our customers. Coordinated by our repairs team, the benefits include:

- C&L can manage any and all part repairs
- Exclusive volume discounts passed directly on to you
- Reduction in individual repair vendors you need to work with and establish credit terms with
- Dedicated C&L customer support center
- Reduced burden on your repairs/purchasing staff
- Freight discounts directly passed on to you
- Full transparency in repair costs



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Leading Edge Sections

C&L has developed capabilities to complete repairs and full overhauls of Hawker leading edge sections. We are able to provide solutions for any leading edge requirement.

Common issues include:

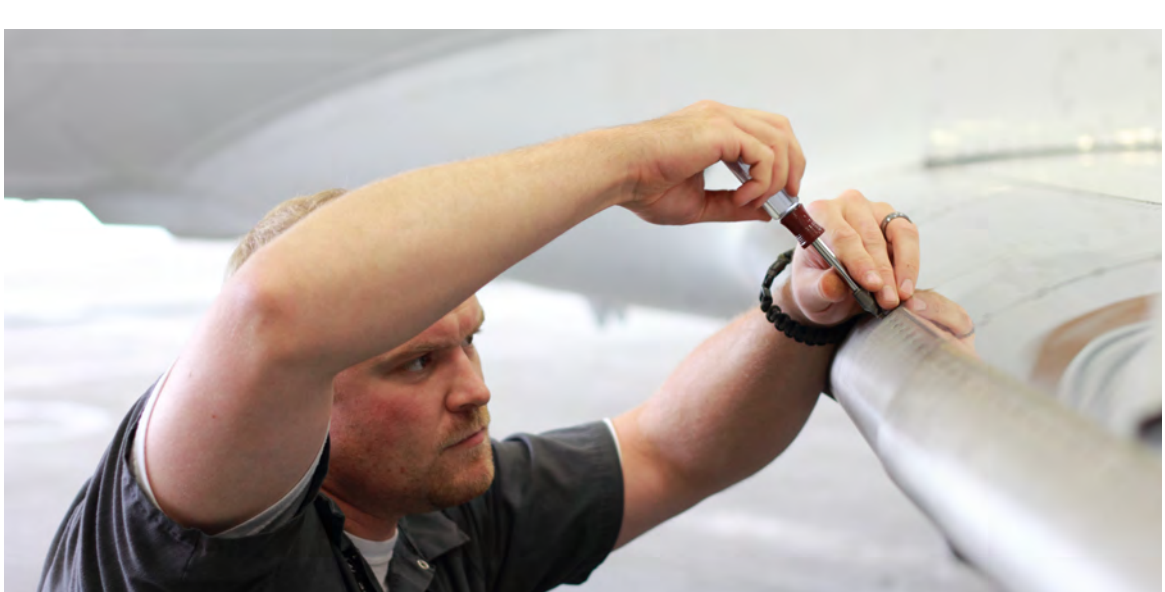
- Corrosion in the "rebate areas" (This is where the de-ice panels install along the leading edge section.)
- "Hangar Rash", dents, scuffs, gouges
- Skin separation
- Broken ribs



How can we help?

- Repair evaluation
- We can complete a full inspection of your sections to find the most appropriate solution for your needs
- If unit does not require full overhaul, C&L will offer repair solution as a cheaper alternative to overhaul or exchange
- We will pursue single skin replacement vs. dual skin replacement where possible
- Replacement skins (upper & lower) stocked at all times
- Exchange HSTAB and wing sections available
- Units provided are drilled/trimmed to fit your aircraft
- 1 year warranty

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TKS/De-Ice Panels

Stop weeping over faulty de-ice panels. C&L has you covered.

With the largest inventory of ready-to-install de-ice panels in the world, C&L is the premier support vendor and is well-equipped to provide the proper support for your needs.

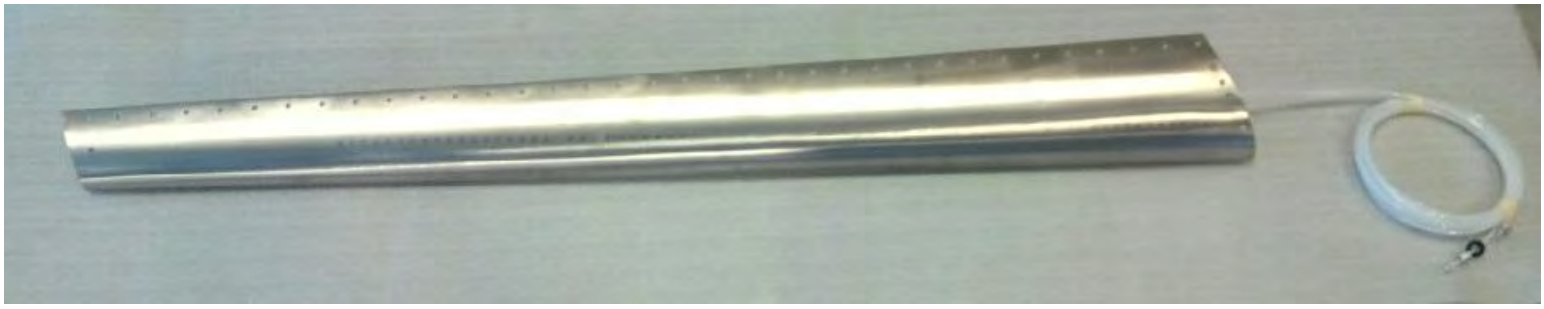
C&L offers a variety of UNMATCHED support options, each catered specifically to your requirement.

Common issues include:
- Disbonding/separation
- Low flow/clogging
- Leaking
- Denting
- Hail damage, bird strikes, drops
- Elongated mount holes
- Broken fixtures
- Membrane ruptures

How can we help?

- TRUE FLAT RATE repairs and overhauls
- TRUE FLAT RATE Exchanges
- No billbacks - EVER
- Cost-effective evaluations that save you money
- If repairable, cost is 40% of the normal exchange
- Quick turn times
- Several hundred units in stock
- 1 year warranty on all repairs/repaired exchanges
- 2 year warranty on all overhauls/ overhauled exchanges

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Titanium Outboard Leading Edges

This style wingtip leading edge replaced the outboard de-ice panels common on earlier Hawkers. This leaves each Hawker wing with an inboard and center leading edge section (in which de-ice panels install along) and this bad boy - a laser-drilled titanium section. Essentially, this is your leading edge and de-ice panel rolled into one solid-state product... in which we fully support.

Common issues include:

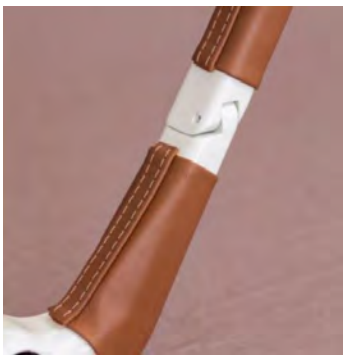
- Disbonding/separation
- Low flow/clogging
- Leaking
- Denting
- Hail damage, bird strikes, drops
- Elongated mount holes
- Broken fixtures
- Membrane ruptures

How can we help?

- TRUE FLAT RATE repairs and overhauls
- TRUE FLAT RATE exchanges
- No billbacks - EVER
- MASSIVE savings, if repairs are possible
- 1 year warranty on all repairs/repaired exchanges
- 2 year warranty on overhauled/over-hauled exchanges
- Large pool of exchange units available from stock
- Quick turn times

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Handrails / Doorstay Assemblies

Our component repair and interior refurbishment teams put their heads together to establish beautiful repairs and overhaul solutions for upper and lower doorstay assemblies.

Common issues include:

- Sheared aluminum tubes
- Loose fittings
- Excessive play in latches
- Seized roller assemblies
- Frayed/worn leather wraps
- Chafing



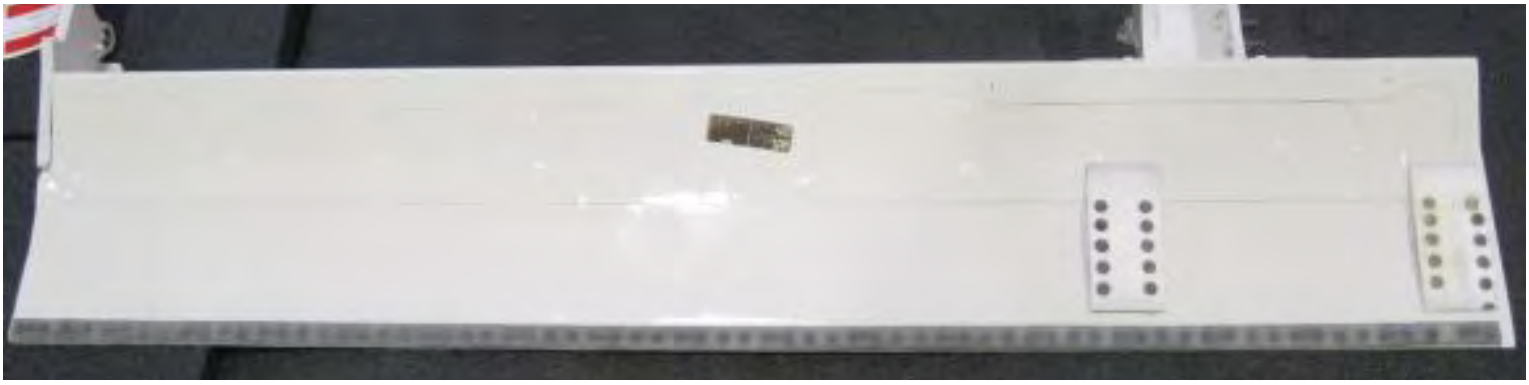


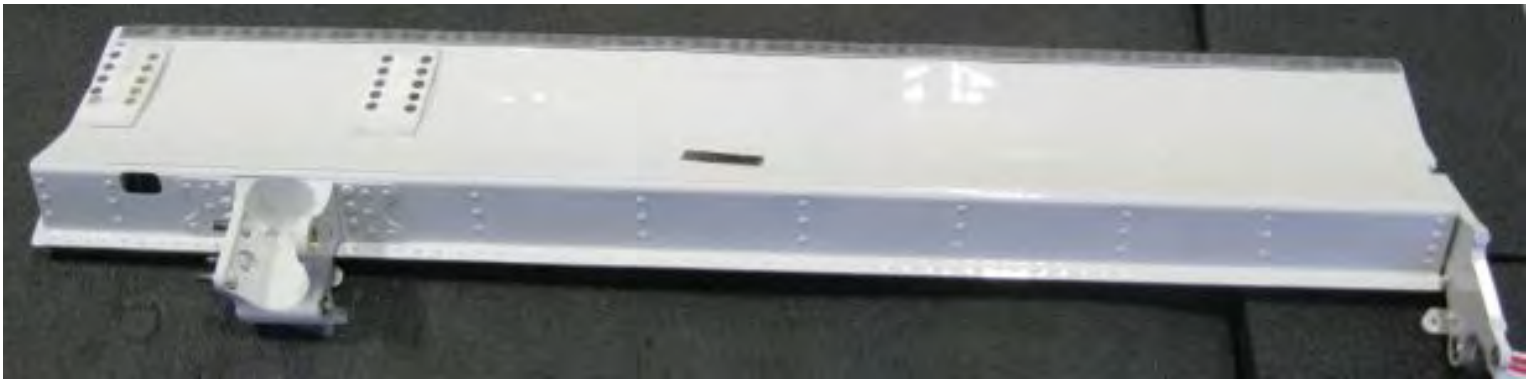


How can we help?

- Full repair and overhaul capabilities for lower assembly as well as both styles of upper assemblies
- Fixed handle
- Folding handle
- Replacement of tubes with stronger material
- Results in a sturdier product, less likely to shear again
- Custom leather wraps to match existing interior
- Quick turn times
- Exchange units available in stock
- 1 year warranty

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Airbrakes

Given the nature of their function, airbreaks are a commonly-damaged flight surface. Braking via air resistance can be a stressful job. That's why we're here to help.

Common issues include:

- Damaged skin
- Corrosion, dents, cracks
- Internal corrosion
- Damaged brackets/attach points
- Broken/cracked ribs

How can we help?

- Removal of old-style foam (Corrosion nightmare as this type of material retains moisture)
- Nylon riblet modification
- Repair or replacement of lower pan
- Exchange units available to support quick turn times
- 1 year warranty on all repairs







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Gear Doors

The Hawker gear doors and fairings can be quite complex to repair, but fear not, C&L has a solution for you.

Common issues:

- Inner pan pressing cracks (most common)
- Skin damage (corrosion, dents, cracks, punctures)
- Cracked channels
- Welded reinforcement bends, cracks
- Bushing, various hardware corrosion







How can we help?

- Stock exchange units to support quicker turns
- Sheet metal repairs (skins)
- Channel replacements
- Structural repairs
- Weld repairs
- 1 year warranty

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Flight Controls

Our component repair group has seen a wide range of squawks when it comes to Hawker flight controls. Because of our experiences, we're able to approach each specific issue with a customized approach to get your aircraft back in the air quickly, with the most minimal hit to your budget. The Hawker is a hand-built aircraft for which C&L has customized solutions to meet your specific needs.



We can service the following:

- Ailerons
- Flaps
- Tabs
- Rudders
- Elevators



C&L also stocks exchange solutions for many of the products to meet your flight schedules.

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Champion Igniter Plugs

With C&L, you receive major savings on factory new engine and APU Champion Igniter Plugs, which are shown to have a longer life than the competing igniter plugs. As a distributor, we offer **guaranteed fixed pricing** of Champion FAA-PMA approved igniter plugs as a direct replacement.



Part Number	Application	OEM Part Number
CH31815-2	TFE 731-5R	3074541-4

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ARTEX C406-2 Emergency Locator Transmitter

Through our partnership with ARTEX, C&L distributes Emergency Locator Transmitters (ELT), along with their installation kits, batteries, and antennas.

ARTEX is a single output ELT that utilizes one RF connector to a single cable that connects to ARTEX single input antennas. The locator provides increased safety and security in aircraft for operators. Units feature the following:

- Global coverage
- Encoded digital message broadcast
- 406 MHz distress
- Local search and rescue signal

Unit	Part Number	Battery Part Number
C406-2	455-5060	452-0133

Benefits of buying with C&L:

- Quick battery replacement support
- Installation kits also available
- Antennas and remote switches available for any configuration
- ELT units can come pre-programmed by us so the configuration fits your geographic region
- FAA/EASA/TC approved
- Products stocked in-house and ready for immediate shipment worldwide
- ELT units can come pre-programmed by us so the configuration fits your geographic region
- In-house installation available

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ARTEX ELT 4000 Emergency Locator Transmitters

The all new ARTEX ELT 4000 is a transport-grade Emergency Locator Transmitter (ELT) that utilizes alkaline batteries. This innovative power source means that the ELT 4000 is completely exempt from FAA special condition requirements.

Through our partnership with ARTEX, C&L distributes Emergency Locator Transmitters (ELT), along with their installation kits, batteries, and antennas.

ARTEX is a single output ELT that utilizes one RF connector to a single cable that connects to ARTEX single input antennas. The locator provides increased safety and security in aircraft for operators. Units feature the following:

- Global coverage
- Encoded digital message broadcast
- 406 MHz distress
- Local search and rescue signal

Part Number
8260: ARTEX ELT 4000 Beacon/ Battery only
8261: ARTEX ELT 4000 BASE PACK (includes installation materials, including the mounting tray
8262: ARTEX ELT 4000 BASE ROD 1IN (includes BASE PACK with the addition of PN:110)
8263: ARTEX ELT 4000 BASE BLD 1IN (includes BASE PACK with the addition of PN:110)
8340: ARTEX BATTERY ELT 4000

Benefits of buying with C&L:

- Quick battery replacement and support
- Installation kits also available
- Antennas and remote switches available for any configuration
- ELT units can come pre-programed by us so the configuration fits your geographic region
- FAA/EASA/TC approved
- Products stocked in-house and ready for immediate shipment worldwide

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PPG Windshields

C&L is an authorized stocking distrubutor for Hawker windshields, manufactured by PPG for operators and facilities around the world.

Offering both glass and acrylic windshields that come with a 36-month from manufacturer ship date or 24-month from installation warranty, and are stocked at our global warehouses.

Description	PPG	Textron
LH Main Windshield	196600-01	NF24016-415
RH Main Windhsield	196600-02	NF24016-416

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Oxygen Masks and Stowage Boxes

C&L offers overhauled oxygen masks at a substantial savings compared to purchasing new.

- Available for all MC10, MA10, MF10, MC20, MF20 series masks
- Flat rate overhaul program with 2-year warranty
- Huge savings compared buying new
- All OEM parts used in repair
- Available for immediate shipment
- 8130 dual release tags
- Also stocking MXP stowage boxes

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Essex Industries PBE Smoke Hoods

As an authorized stocking distributor, we carry Essex smokehoods for the Hawker aircraft at a significant cost savings over competing products. Available for immediate shipment.

Major Feature »	Advantage
Lightest PBE on the market (4.856lbs/w)	Lowers cost of ownership
Compressed oxygen cartridges	Safest PBE available
No dangerous chemicals used to produce oxygen	Can be shipped easily
Easiest PBE to deploy and don	Preferred by cabin crew
PBE with the widest range of vision	Clear visibility in critical situations
Only PBE with end-of-service indictor	Ensures cabin crew safety (see photos to the right)
Only PBE with humidity indicator	Quick verification that PBE is operational



Aircraft	Part Number
Hawker	MR-10022N

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Hawker Sealed Lead Acid Batteries

The non-hazardous SLA batteries are maintenance-free, and can directly replace existing Ni-Cad batteries. They offer superior hot and cold-weather performance and the ability to recover from deep discharge.

With this battery, you can expect significant cost savings on maintenance, shipping, installation, and operations.

Major benefits include:

- Long battery life.
- 30-Month warranty (not prorated)
- Twice cold cranking amps
- Superior temperature performance
- Long storage life
- No deep cycling required
- Non-hazardous shipping
- Enviornmentally more friendly
- Immune to thermal runaway

Hawker	Part Number
Battery	9750W0640
Re-Block	9250-0083

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Hawker Engine Support

C&L is here for all of your Hawker engine needs.

We work with OEM authorized shops to manage engine repairs for customers, lowering the cost of engine shop visits.

- Repair management
- Engine exchange
- Engine sales/engine leasing
- Model modifications
- Long storage life

Engine Types
TFE 731-5R
TFE 731-5R-1H
TFE 731-5BR

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Dealerships

DPI LABS

ALTO AVIATION

Viasat

airtext

L3HARRIS

ROSEN AVIATION

LATITUDE

gogo

UNIVERSAL AVIONICS an Elbit Systems Company

Honeywell

BongioviAviation

FDS

Blue Sky Network

GARMIN

Flight Data Systems

Distributorships

HEROUX DEVTEK

ESSEX INDUSTRIES

HUTCHINSON

TRUE BLUE POWER A division of Mid-Continent Instrument Co., Inc.

PPG

MEGGITT Securaplane

DESSER

CSI Aerospace A HEICO COMPANY

CHAMPION AEROSPACE

ACR

ARTEX

APM AERO PARTS MART

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C&L is your One-Stop Solution for Hawker Maintenance, Repairs, and Overhaul

We specialize in supporting Hawker operators with a complete range of services that can be customized to reduce aircraft operational costs and downtime. And we do it all from our multi-hangar facility in Bangor, Maine, adjacent to Bangor International Airport. From maintenance and avionics to interior refurbishment and aircraft paint, we can service the Hawker nose-to-tail without ferrying them to and from different facilities.

We offer the following services:

- Heavy maintenance
- Component repair
- Structural modifications
- Engineering
- STC development
- Aircraft paint
- Interior refurbishment and modifications
- Avionics upgrades
- Cabin management solutions
- Pre-purchase inspections
- Aircraft marketing and sales
- Aircraft and engine leasing
- Aircraft tear down





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FEATURES AND BENEFITS OF WORKING WITH US

- One-stop solution for the Hawker aircraft
- Transparent quoting system with photos of individual parts and documentation
- Decades of technical knowledge and experience of the Hawker aircraft
- Large inventory located around the world
- Local offices, staff, and warehouses in your geographic area region and time zone

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YOUR ONE-STOP SOLUTION FOR HAWKER SUPPORT AND SERVICE