



C&L Aerospace

ERJ 135/140/145 LEGACY PROGRAM

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YOUR ONE-STOP SOLUTION FOR ERJ 135/140/145/LEGACY SUPPORT AND SERVICE



Overview of ERJ Support

We have one of the world's largest inventories of ERJ 135/140/145/Legacy - rotables and expendable - available for operators along with a complete range of programs and parts support that can be tailored to your specific needs.

Through our extensive investment in ERJ teardown projects and acquisitions we own a rotable pool valued at over $60 million dollars for immediate shipment.

At C&L, aircraft parts are thoroughly inspected and tagged prior to being placed in inventory ready for sale. All of the parts and certificates are photographed and scanned, and they are readily available for customer inspection online and included as part of a quote.

24/7 parts support and international same-day shipping from our strategically located, fully stocked warehouses around the globe.

We offer:

- Spare Parts Supply
- Landing Gear Programs
- Exchange Programs
- Repair Management
- Consignments
- Power-By-The-Hour Programs
- Rotable Repair Management
- Distribution of OEM Product
- Contract Pricing
- Supply Chain Support



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 world-class options and accessories.

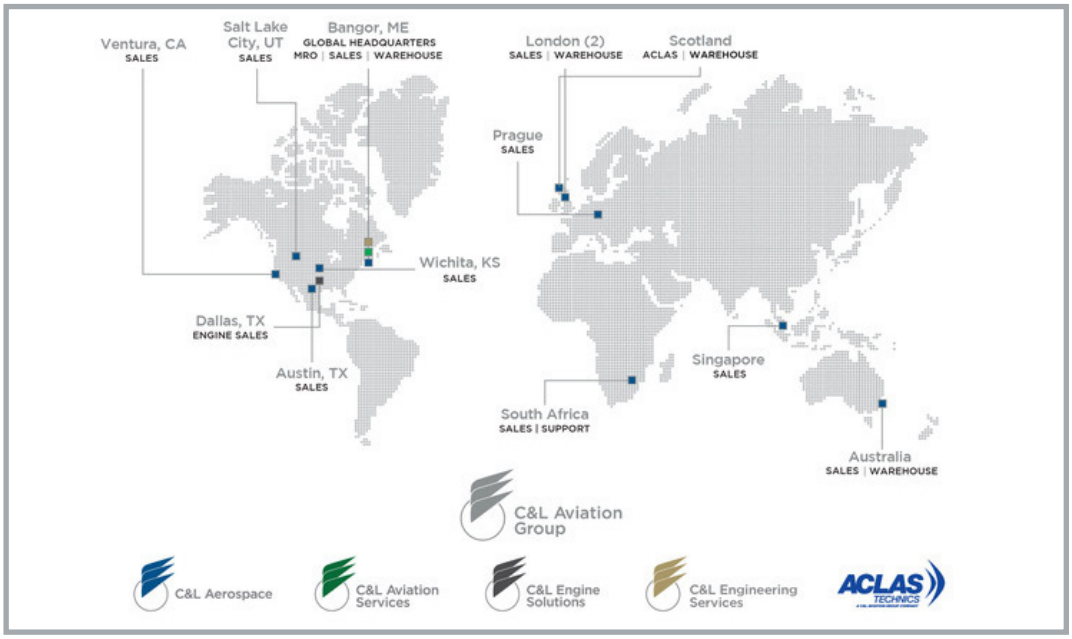
Below you will find a reference guide to access C&L's most up-to-date offerings and support.

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For additional information, contact
inquiries@cla.aero

Global Contact Page



C&L has local contacts around the globe to help you meet your ERJ 135/140/145/Legacy Parts and Service needs.

For inquiries, please email at **inquiries@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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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 consignment 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 pass both time- and cost-saving benefits on to 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
- Exclusive access larger rotables such as landing gear and APUs
- Access to additional savings by utilizing repair piece parts provided by C&L
- 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

Exclusive Supply Agreements

Save time and money with an exclusive supply agreement. With this program, we guarantee that we will stock the parts. you need and have them available at fixed contract pricing. Benefits of this program include:

- Fixed, contract pricing
- Save time and money by sourcing your necessary parts from one reliable supplier
- Guaranteed to have parts in stock, when you need them
- Dedicated C&L sales representatives around the globe available to assist you in managing inventory, logistical, and shipping services
- 24/7 AOG purchasing support
- Exclusive volume discounts directly passed on to you
- Instantaneous access to C&L's inventory

Power-By-The-Hour

Avoid the headaches of unscheduled maintenance costs with our Power-by-the-Hour (PBH) program. A PBH contract allows you to manage your budgets more effectively. For an hourly rate, C&L can provide you with a PBH service for your fleet. Programs are highly customizable and can cover as many, or as few aircraft/parts as you require.

Benfits of a customized program are:

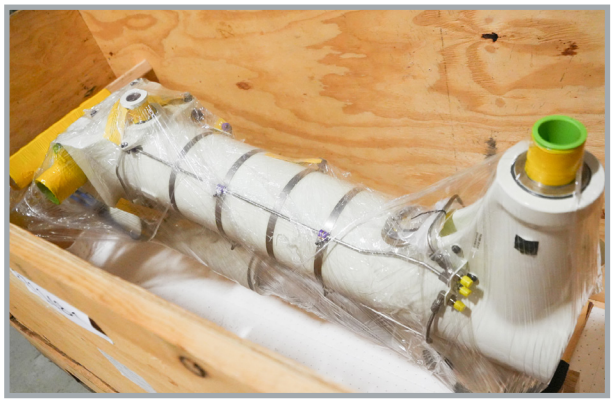
- Customized rotable component coverage
- Guaranteed to have parts in stock, when you need them
- Recommended stock and stock positioning
- Component repair and overhaul management
- Access to our customer portal giving you visibility of all your order statuses
- Dedicated customer support center

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Landing Gear Program

- Cost-saving repair management
- Available overhaul exchange options
- Loaner gear options
- Sub-assembly support
- Back-to-birth trace on all exchange options
- Exclusive piece part availability
- Gear available as individual components or shipset.

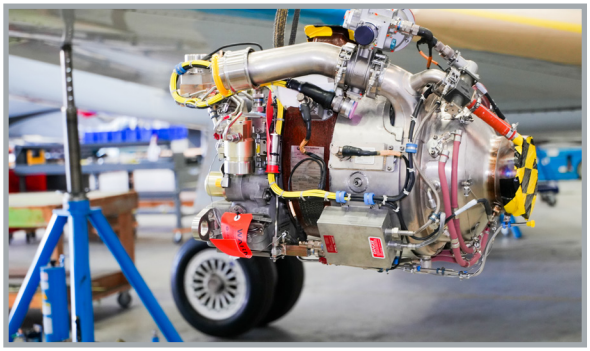


Description	Part Number
Main Landing Gear (LH)	LH MLG (2309-2002-XXX Odd Number)
Main Landing Gear (LH)	LH MLG (2309-3002-XXX Odd Number)
Main Landing Gear (RH)	LH MLG (2309-2002-XXX Even Number)
Main Landing Gear (RH)	LH MLG (2309-3002-XXX EvenNumber)
MLG Side Strut	MLG Side Strut (2309-2500-XXX)
MLG Side Strut	MLG Side Strut (2309-3500-XXX)
MLG Secondary Side Strut	MLGSSS (2309-2600-XXX)

Description	Part Number
Nose Landing Gear	NLG (1170C0000-XX)
Nose Landing Gear	NLG (1170D0000-XX)
Nose Landing Gear	NLG (1170S0000-XX)
NLG Drag Brace	NLGDB (1172X0000-XX)
NLG Auxiliary Strut	NLGAS (1173B0000-XX)

C11 & C14 APU Program

- Cost-saving repair management

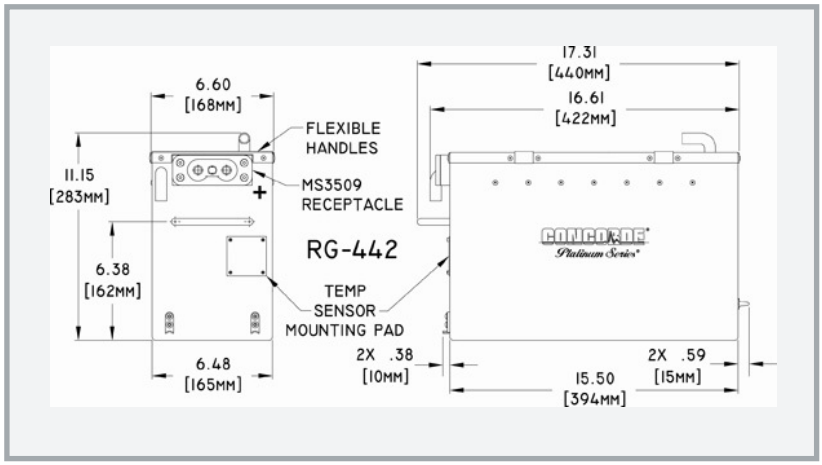


Description	Model	Part Numbers
C14 APU	T62T-40C14	4504113, M4504113A, 4504113A, M4504113B, 4504113B
C11 APU	T62T-40C11	4501968A, 4501968B, 4501968C, 4501968D

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Concorde Batteries

Replace your ERJ 135/140/145 main batteries with higher performance and lower maintenance costs.

C&L, in partnership with Concorde Battery Corporation, offers the Concorde SLA (Sealed Lead Acid) Battery for the ERJ 135/140/145 Aircraft. The non-hazardous SLA batteries are a maintenance-free battery and, as a direct replacement for the existing Ni-cad batteries, Concorde batteries 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.

Specifications:

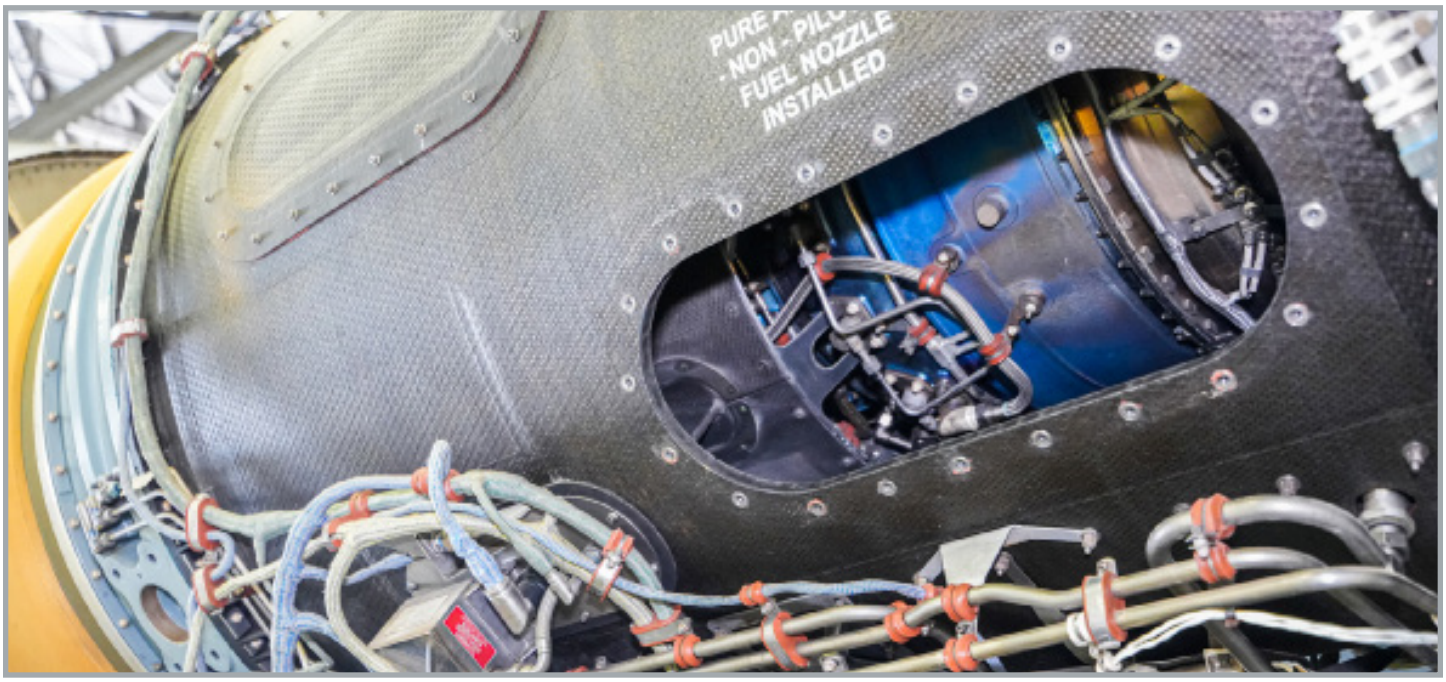
Part Number	RG-442
Size	11.15 x 6.60 x 17.31" max
Rated Capacity C1 in Ah	44 Ah
Qualification	STC ST01520WI
Weight	86 lb / 39 KG
Nominal Voltage	24V
Transportation	Non-haz & unrestricted when securely packed & protected against short circuit

Features:

- Drop in replacement
- Lower cost of acquisition
- Reduced cost per flight hour
- No memory effect, cycling requirements, or thermal runaway
- Ship hazmat exempt
- Lead Acid Batteries are 100% recyclable
- No individual cell replacement required
- Made in USA

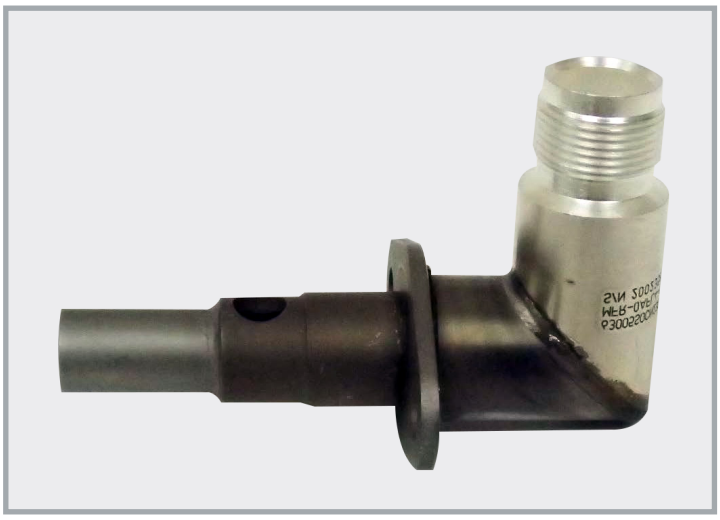
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Champion Igniter Plugs

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
CH31898-1	AE3007	23062672
CH34834	APS500	4952359

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PPG Windshields

C&L is an authorized stocking distrubutor for ERJ 135/140/145 and Legacy windshields, manufactured by PPG, for operators and MRO 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 Part #
LH Main Windshield	NP-151311-11
RH Main Windshield	NP-151311-12
LH Main Windshield	163500-115
RH Main Windshield	163500-116
RH Main Windshield	1163500-117*
LH Main Windshield	1163500-118*

*Windshield applicable to the Legacy 600 & 650 aircraft

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Essex Industries PBE Smoke Hoods

As an authorized stocking distributor, we carry Essex smoke hoods for the ERJ 135/140/145/Legacy 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



OEM: 15-40F-11	PMA: MR-10050N
OEM: 15-40F-80	PMA: MR-10039N
	PMA: MR-10022NEMB

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DU-870 Display Unit Flat-Rate Repair/Overhaul Program

p/n 7014300-901

C&L offers repair/overhauled DU-870 Electronic Display Units as a cost-saving alternative to the Honeywell DU-875 LCD upgrade.



Available in the following aircraft:

- Embraer ERJ 135/140/145
- Embraer Legacy 600/650

Benefits of the DU-870:

- A flat-rate repair/overhaul
- Repairs completed with factory new parts
- 2-year warranty
- Units in stock at our global warehouses
- Available for immediate shipment
- Units come complete with 8130 dual release tags

Upgraded Universal Flight Management System

At C&L, we understand the “Nextgen” changes happening in your aircraft’s avionics and the need to stay ahead of the changing navigation requirements for SBAS/GPS systems. As a dealer and installation/service center for Universal Avionics products and software, we are able to fully support your transition into an upgraded Universal Flight Management System, SCN1000 Series WAAS/LPV/SBAS System. C&L owns the STC for this conversion.



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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

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
- In-house installation available

Unit	Part Number	Battery Part Number
C406-2	453-5000	452-0133

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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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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 to 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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Cabin Power Solutions: True Blue Power

C&L is a stocking distributor for Cabin Power Solutions, USB Charging Ports, Inverters, AC Outlets, and more from True Blue Power.

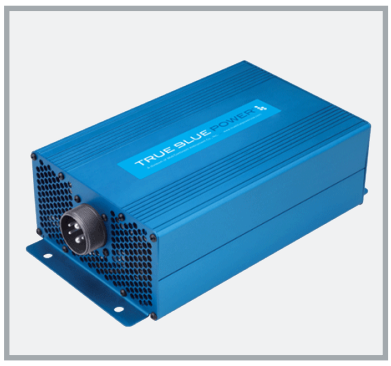


Available for:

- Retrofit options
- Cabin upgrades
- Replacement parts

Benefits:

- Stock available currently in the US
- AS9110 and ISO 9100 certified
- FAA and EASA approved
- Same day shipping
- Fixed pricing
- In-house installation available





To find out more about our cabin management system upgrades, please contact your sales representative.

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For additional information, contact
inquiries@cla.aero

Emergency Power Supply Units



The L-3 Avionics PS-835 is a fully-enclosed power supply that provides continuous standby power for self-contained gyro horizons and essential flight instruments. The PS-835 Emergency Power supply is designed as a 24 VDC (nominal) emergency power source for prolonging the operation of a connected standby attitude indicator when the aircraft's main power bus has de-energized. The power supply unit is designed to easily fit into the existing avionics shelf.

Part Number	Model
501-1228-04	PS-835D

PS-835D Emergency Power Supply Unit
Dimensions: 7.626"H x 14.114" L x 2.282" W
Input Voltage: +28-30Vdc
Altitude: 55,000 ft
TSO: None Exists
Weight: 13lbs
Output Voltage: +24 Vdc (nominal)
Temperature: -55C to + 70C
Cell Power: 5.0 Ah



Our Program

- Available for true flat-rate exchange
- Unit comes fully top charged
- Same-day shipping
- In stock in our global warehouses
- 8130 dual release certificates
- In-house overhaul capabilities

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ERJ ROTABLE EXCHANGE COMPONENTS

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



AIR CONDITIONING
816630-X.....HEAT EXCHANGER

COMMUNICATION
7013270-975.....RADIO MANAGEMENT UNIT
5483-1-8.....FLIGHT ANTENDANT HANDSET

ELECTRICAL POWER
23080-013A.....APU STARTER GENERATOR
30086-011.....ELECTRICAL GENERATOR
51525-014A.....GENERATOR CONTROL UNIT
51545-002A.....GENERATOR CONTROL UNIT

FIRE PROTECTION
30100050-5.....APU FIRE BOTTLE
33600057-5.....ENGINE FIRE BOTTLE

FLIGHT CONTROLS
0861DT5.....ANGLE OF ATTACK SENSOR
362100-1013.....HORIZONTAL STABILIZER CONTROL UNIT
363300-10XX.....FLAP ACTUATOR
418800-1007.....AILERON ACTUATOR

FUEL
2C7-4.....FUEL PUMP
028-936-00X.....FUEL PROBE

HYDRAULIC POWER
971533.....HYDRAULIC PUMP
971808.....ENGINE DRIVEN HYDRAULIC PUMP

ICE AND RAIN PROTECTION
0871HT3-1A.....ICE DETECTOR
90-0182-X.....MOTOR WIPER

INDICATING/RECORDING SYSTEM
7013348-949.....DATA ACQUISITION UNIT
80-0694-2-6.....AURAL WARNING UNIT

LANDING GEAR
140-197.....WHEEL SPEED TRANSDUCER
39-807.....BRAKE CONTROL VALVE
42-951-6.....CONTROL BOX
3-1551.....NOSE WHEEL
3-1641.....MAIN WHEEL
3-1590.....MAIN WHEEL
3-1631-1.....MAIN WHEEL

LIGHTS
60-5096-1.....STROBE LIGHT POWER SUPPLY

NAVIGATION
102AU1AF.....TEMPERATURE SENSOR
1117-11.....CONTROL DISPLAY UNIT
7001840-937.....RADIO ALTIMETER UNIT
7014300-901.....DISPLAY UNIT
C14130AA.....STANDBY ALTIMETER
0851HU.....PITOT TUBE

OXYGEN
4441009-050.....OXYGEN CYLINDER ASSY
MXP138-X.....OXYGEN MASK STOWAGE UNIT

PNEUMATIC
4952829.....APU BLEED VALVE
816606-1.....CROSS BLEED VALVE
3215886-2.....REGULATOR VALVE

STARTING
3505910-6.....PNEUMATIC STARTER UNIT

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Technical Support

C&L is more than just your parts supplier. We offer full support for the ERJ 135/140/145/Legacy which includes having Field Service Representatives with decades of experience with these specific aircraft. C&L is committed to assisting you, our customer, with any technical support needs you might have, including:

- Global in-person support
- Aircraft inspections
- Deliveries and acceptance
- Management of aircraft
- Part-out projects
- On-site representation during heavy checks
- Borescope inspections
- And more

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For additional information, contact
inquiries@cla.aero



C&L is Your One-Stop Solution for ERJ 135/140/145/Legacy Maintenance, Repair, and Overhaul

We specialize in supporting ERJ 135/145 operators with a complete range of services that can be customized to reduce aircraft operational costs and downtime. We do it all from our multi-hangar facility in Bangor, Maine, adjacent to Bangor International Airport. From maintenance and avionics installation to interior refurbishment, we can service the ERJ 135/140/145/Legacy nose-to-tail without ferrying them to and from different facilities.

We offer the following services:

- Heavy maintenance
- Component repair
- Structural modifications
- Engineering
- Interior refurbishment and modification
- Wifi installations
- ADS-B solution
- Pre-purchase inspections
- Aircraft teardown
- Semi-private upgrades
- Engine removal and installation
- Hydro dipping





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ERJ 135/140/145/Legacy Aircraft Sales and Leasing

We've been involved with the regional aircraft market for more than 25 years, which means our prospective buyers benefit from direct access to resources not usually available from the average aircraft broker. We have a large, existing network of regional aircraft operators which we leverage when marketing aircraft. We've also built a facility that includes everything onsite and at-hand — maintenance hangar, warehouse, interior shop — needed to get an aircraft into revenue service.

The results are faster regional aircraft transactions.

In addition, our professional staff is the authority on all aspects of aircraft re-marketing, and we act as an exclusive agent for our clients. With our in-depth market knowledge and targeted marketing programs, the process is both seamless and profitable for our customers.

For our clients, we identify prospective customers, negotiate contracts, and prepare marketing materials. We can also negotiate lease extensions, revisions, and off-lease return conditions.

We Offer:

- Aircraft sales
- Aircraft re-marketing
- Aircraft management
- Consulting
- Pre-buy inspections
- Aircraft parking and storage
- Aircraft teardown

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FEATURES AND BENEFITS OF WORKING WITH US

- One-stop solution for the ERJ 135/140/145/Legacy aircraft
- Transparent quoting system with photos of individual parts and documentation
- Decades of technical knowledge and experience of the ERJ 135/140/145/Legacy 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 ERJ 135/140/145/LEGACY SUPPORT AND SERVICE