

**AJW** technique



Component repair and overhaul  
Assured quality and reliability



**AJW Technique** provides outstanding reliability, guaranteed availability of exchange product and first class turn times in order to deliver improved efficiencies and reduced cost of AOG dependency. These initiatives are fully backed by superior warranties, global approvals including TCCA, FAA, EASA, CAAC, CAAS and ANAC. We are determined to drive down Direct Maintenance Costs (DMCs) for our diverse range of customers.

## A centre of repair excellence

AJW Technique is one of most comprehensive component maintenance facilities in the world with customisable equipment built for future technologies. Situated next to Montreal's international airport, the state-of-the-art 160,000 sq.ft. facility is well placed to service the global aviation market place, in both commercial and private business sectors, across a wide range of platform types including Airbus, Boeing, Embraer and Bombardier. We are able to process 35,000 units a year across 5,000 separate part number lines.

**Improve component reliability and reduce DMCs to achieve operational goals.**

### Avionics

Key capabilities: FCD 66, DMC, FMGC, FAC, SEC, FCU, SDAC, LGCIU, SFCC, ELAC, FCSC

AJW Technique hosts one of the most comprehensive avionic test and repair suites in the world: with three automated ATEC 6 series testing computers capable of running 24/7; over 90 part specific adaptors; and other extensive state-of-the-art troubleshooting devices. Our Avionic Cell is the logical choice when looking to maintain entire fleet fits of avionic components.

Ingenuity through our Level 3, multi-layer printed circuit board repair capacity gives our customers peace of mind that everything is being done to reduce overall cost of inventory ownership. These strategic repair options lower the frequency of high cost exposures brought on by main sub-component replacement or swap-out schemes. BER unit ratios are also dramatically decreased therefore proactively extending product life.

- Industry leading TAT
- Can perform most major modifications
- Various OEM accreditations with access to component inventory
- Strategic use of approved repair schemes to reduce Direct Maintenance Costs

### Safety equipment

Key capabilities: all slides and rafts on Airbus, Boeing, and Embraer wide and narrow body aircraft

Our custom designed inflation bay of over 8,000 square feet allows for the support of almost all slide and raft types within a self-contained area. With up to sixteen slides per aircraft, rapid turnaround is vital. We can perform repacks, repairs and full overhauls within ten working days.

- Dedicated local logistics service
- Capacity to process multiple slides concurrently assists with AD/SB programme implementation
- Proven track record

### Hydraulics

Key capabilities: pumps, actuators, bypass valves, servo controls, PCUs, dampers

- Four state-of-the-art hydraulic complexes, supported by two independent power stations
- Comprehensive internal rework facilities allowing for exchangeable sub-assembly pools through KANBAN processing
- 5-6,000 psig system pressures suitable for testing both current and next generation aircraft such as A350/A380, Boeing B737MAX/B777X, Bombardier C-Series
- Direct access to chrome plating, flame spray and non-destructive testing (NDT) procedures

### Pneumatics

Key capabilities: air turbine starters, air cycle machines, valves, compressors, pumps

The AJW Technique facility features the largest gas compression complex in Canada, which drives our ultra-high pressure, remotely-controlled pneumatic testing systems.

- Three compressors
- Two air dryers
- Multiple oil separators
- Three high pressure test benches with camera assisted visual systems

### Electrical & lighting

Key capabilities: PDUs, Fans, all exterior lighting

With high volume lower value components, turn time and unit availability is key. AJW ensures that exchange units are always available, as well as rotatable sub-assembly pools to aid rapid production.



## Global approvals

To support our worldwide footprint we have been awarded a diverse range of global aviation approvals. Further regional certifications are continuously added.

- ★ Strategic location delivering component repair and overhaul capability
- ★ Strategic location delivering complete aircraft spares support
- ◆ Inventory hub



## IDG

Key capabilities: A320, B767, B737

AJW Technique has the ability to develop bespoke maintenance programmes based on the specific flight profiles of individual customers' aircraft. We understand that one size fits all policies are not dynamic enough to meet the demands of different operators. We utilise flight data and historical records to build up detailed analysis portfolios of particular aircraft. This enables us to determine the variable conditions particular units might be subjected to.

We offer maintenance schedules specifically tailored to mitigate factors that cause delayed departures. Working with our customers, we develop the best possible regimes structured in a variety of different ways.

We have explicitly designed programmes to minimise AOG scenarios and loss of revenue by following detailed preventative maintenance practices and monitoring techniques.

## Fuel

Key capabilities: HMU, FCU, FMU, pumps, engine controls, actuators, nozzles

- Technicians with twenty years of experience across all fuel system components and engine accessories
- Advanced maintenance practices extend reliability through innovation
- 100% of fuel components covered on an Airbus A320

## Galley

Key capabilities: coffee/beverage makers, water boilers, water heaters

We offer a pioneering soft life programme aimed at significantly increasing time between unit failures and the enhancement of on-wing performance. This reduces total cost of ownership for the end user.

## Assured quality and reliability

Quality is paramount - AJW Technique's primary focus is to reduce total cost of ownership for the operator by driving down Direct Maintenance Costs (DMCs) and allowing the units to stay on wing longer without premature failure.

As a Transport Canada Design Approval Organisation (DAO) we have the ability to develop our own enhanced repair schemes and material options in order to reduce cost and maximise product reliability. It enables us to salvage and rework components rather than forcing automatic replacement. This status also allows us to tailor specific unique instructions, co-developed by the customer and AJW Technique, that target process efficiency and AOG dependability.

Over 80% of component and power plant ATA chapters are covered in one location.

The repair stream at AJW Technique is strategically and uniquely supported by US\$500 million of exchange-ready inventory across multiple platforms. Our award winning 24/7/365 AOG coverage is ready to work for you.

AJW Technique works closely with a range of preferred specialist partners and has strategic work agreements in place with internationally recognised OEMs. These ensure

we receive some of the most competitive pricing options for piece parts in the industry, as well as maintaining access to all current and future documentation enhancement.

## Total commercial flexibility backed up by competitive pricing

AJW Technique is proud to offer maintenance solutions that are specific to our customers' requirements. We have the flexibility to tailor our services to a variety of business models and cost structures. For the right opportunities, we will actively invest in order to enhance our service proposition.

Multiple commercial terms are seen as the norm such as: PBH, fixed, fixed with exclusions, or time & materials. All scenarios are available, depending upon customer requirements.

Call us today on: +1 514 339 5100 or email: [sales@ajw-technique.com](mailto:sales@ajw-technique.com) to discover how the AJW Technique experience can benefit your operation.

## Transforming aviation efficiency

Since 1932 AJW has sustained the growth of commercial aviation worldwide. Through its flexible aircraft component support programmes, rigorously monitored repair and overhaul processes, deployment of leading technologies, and management of a continually expanding Airbus and Boeing spare parts inventory, AJW contributes to the efficient and profitable operations of global airlines of all sizes.

AJW is a world-leading independent specialist in the supply, exchange, repair and lease of commercial aircraft spare parts with 1,300+ aircraft under contract. Professional, highly trained, multi-lingual individuals represent the organisation worldwide and AJW is renowned for its award-winning 24/7/365 AOG critical support. AJW has operational hubs in London, Montreal, Shanghai, Singapore and Dubai; with local offices in more than 30 countries.

Focused on developing services to match the pace of change within the aviation sector AJW empowers airlines to fly more cost-effectively in ever busier skies. Innovation, continuous improvement, lean processes, environmental awareness and far-reaching strategic partnerships enable the business to retain its entrepreneurial spirit. With an emphasis on quality that permeates every aspect of the business and the customer experience, AJW is justifiably proud of the resources, in terms of expertise and inventory, which support around 1,000+ customers in 117 countries.



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