

AFI KLM E&M capabilities in the Americas set the bar high for Global MRO services

We have the experience to service a wide variety of modern aircraft ranging from Boeing to Airbus, Bombardier to Embraer and ATR fleets.

COMPONENT SERVICES

Avionics

- Radio communication and navigation systems
- Gyros
- Cockpit panels
- Autopilot computers
- BSCU, BTMU, FWC
- Instrumentation
- Fuel computers
- N1 computers/indicators
- Pitot probes
- Position detectors
- Receiver
- Transceiver
- ELT
- Autoflight actuators
- Brake transmitters
- L.G. electric boxes

Fuel

- Fuel probes
- Fuel flows transmitters

Hydraulics

- Engine and motor-driven pumps
- Servo control actuators
- Anti-skid servo valves
- Cylinders
- Hydraulic valves

Electromechanics Accessories

- Engine accessories
- Propeller brakes
- Position detectors
- Door dampers
- Door actuators
- Rudder dampers
- Temperature sensors
- Pressure transmitters

Accessories

- Crew seats
- Megaphones
- Tachometer generators
- Lights
- Air valves
- Angle of attack sensors
- Air conditioning
- Valves
- Fans
- Air filters

ADDITIONAL SERVICES

Support

- Component Management
- Component Engineering
- Warranty – claims support

Provisioning

- Procurement
- Spares Sale
- Logistics

Availability

- Component pooling
- Loan / Lease
- Exchange

Test, Repair & OH

- Modifications
- Repair / Overhaul
- Test

Airbus

A320 Family
A330
A340

Boeing

737 CG/NG
747
757
767
777
MD-11
MD-80

Regional

ERJ 135/145
E-jets
CRJ 100/200
CRJ 700/900/1000
Q400
ATR 42/72

FAA, EASA, TCAA, ANAC, ISO 9001 2000 and AS 9100-C Quality standard

CONTACTS

John Rogers

Barfield
SVP Sales
john.rogers@barfieldinc.com

Miguel Chiang

AFI KLM E&M
Strategic Sales Director Americas
m.chiang@klm.com

Franck Becker

AFI KLM E&M
VP Sales Americas
frbecker@airfranceklm.com

barfieldinc.com

afiklmem.com

@afiklmem

AIRFRANCE **KLM**
INDUSTRIES Engineering & Maintenance

A D A P T I V E N E S S ®

By **BARFIELD**

Component MRO Services Adaptive Solutions for Airlines in the Americas

Photos: Patrick Delapierre

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Adaptiveness®

The agility of a local company combined with the strength of one of the largest airlines in the world.

AFI KLM E&M is a leading component repair and support company, providing customer-driven solutions to the aviation industry through its US-based subsidiary: Barfield.

With locations in Miami, Atlanta, Louisville and Phoenix, Barfield is well positioned to satisfy the needs of customers operating commercial or regional fleets in North, Central and South America.

For both commercial and regional aircraft, we provide diverse capabilities in avionics, power generation, hydraulics, pneumatics, electromechanical and fuel, as well as repair and refurbishment of interiors and safety equipment.

To all of our customers, we provide adaptive solutions in order to reduce cost, ensure quick Turn Around Times, and guarantee high quality services.

Our teams in the Americas are fully dedicated to offering outstanding service to its customers, sharing the core values of AFI KLM E&M.

A full range of Solutions and Expertise



Outstanding technical expertise and exacting quality requirements are the foundation of our core values benefitting our customers.

Quality:

We continually improve our processes such as Lean Six Sigma (LSS) and develop new repair technologies to lower costs and shorten TATs. Together with the operational expertise of AIR FRANCE KLM, we are constantly focused on reliability improvement allowing our customers to rely on our engineering support.

Teams:

With a strong understanding of airline requirements, our highly skilled personnel deliver superior quality services in both emergency and routine circumstances. Regardless of the situation, we handle customers' requirements with proactive solutions.

Investing:

We are equipped with the latest technologies of test benches (ATEC Series 6, ITS 700, STS1000, PDU, Servo Valves, EDS, Power Generation) and we continuously invest in modern equipment and tooling to offer the most advanced comprehensive and configurable component testing systems.

“Over 3,000 component repairs are covered in our service offerings including avionics, power generation, hydraulics, pneumatics, electro-mechanical and fuel.”

Close to you

With our global component service network and logistic centers, our Group is able to provide a wide range of solutions, from repair to integrated component support, for airlines in the Americas:

- Multiple sites in Americas
- Flexibility and adaptive solutions
- Over 60,000 components (100,000 group-wide) certified in-house every year
- A fleet of 1,500 aircraft
- 20,000 exchanges worldwide including 3,000 in the Americas
- More than 25,000 components in stock
- Optimal forward stocking of components at customer site
- 24/7 Program Support and AOG Team



Benefit from a worldwide MRO leader's services and network