

AEOLUS ENGINE SERVICES



COMPANY PROFILE & SERVICE PORTFOLIO

Aeolus Engine Services

(trading name for Aeolus International Limited)

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Company Directors:

Fergal E. Whelan-Porter

Anna C. Whelan-Porter

About Us

Established in 2000, we have continually refined our services and capabilities, through client co-operation and industry experience, to meet the dynamic challenges of commercial aerospace faced by our worldwide clientele of **airlines, lessors and powerplant owners**. Today, **Aeolus Engine Services** has developed into a key business partner in delivering aircraft **engine life cycle optimisation**.

Our extensive **technical** and **commercial expertise** enables our clients to protect the asset value of their aero-engine fleet: Our Field Services, Trend Monitoring and Troubleshooting services maximise engine time on-wing (TOW); our LLP Tracking and AD/SB monitoring support ensure efficient airworthiness compliance; our Engine Maintenance Support eliminates unnecessary shop visit work and costs; our ESV Work Scope creation service ensures best fit maintenance matched with your fleet's operating goals; our Contract Negotiation skills deliver the most competitive maintenance agreement terms and warranty benefits; our Commercial Services offer cost effective solutions for engine leasing, exchanges and fleet transitions.

Aeolus Engine Services is *is a **Strategic Partner of IATA***, with whom we work to increase on-wing performance & lower engine maintenance costs for airlines worldwide.

We serve all of our clients with **reliable, dedicated** and tailored expertise. Simply, we provide **value for money** and **produce the results** our clients want and need.

Please explore our service portfolio and contact us to discover how we can benefit your fleet operations and add value to your assets/investments.

Respectfully,

Fergal Whelan-Porter
Founder and CEO



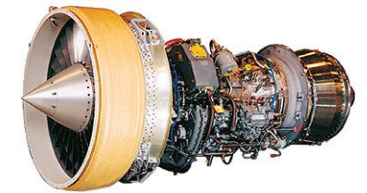
Capabilities

We have developed world class technical and commercial services to support the CF34 and CFM56 family of aircraft engines:

CF34-3/-10 series

CFM56-3 series (-3B1/-3B2/-3C1)

CFM56-7B series



Our capabilities cover the following disciplines and skills:

Engine Condition Trend Monitoring

On-wing Trouble-shooting, BSI and HPC blend repairs.

Life Limited Part tracking

Airworthiness Directive (AD) and Service Bulletin (SB) monitoring and compliance

Engine Maintenance Support (Contract Negotiation/ Work Scopes / SV Control)

Engine Maintenance Cost forecasts, analysis and invoice review.

Pre and Return Lease engine inspections and preparation

General technical advice

Engine Leasing and Exchanges



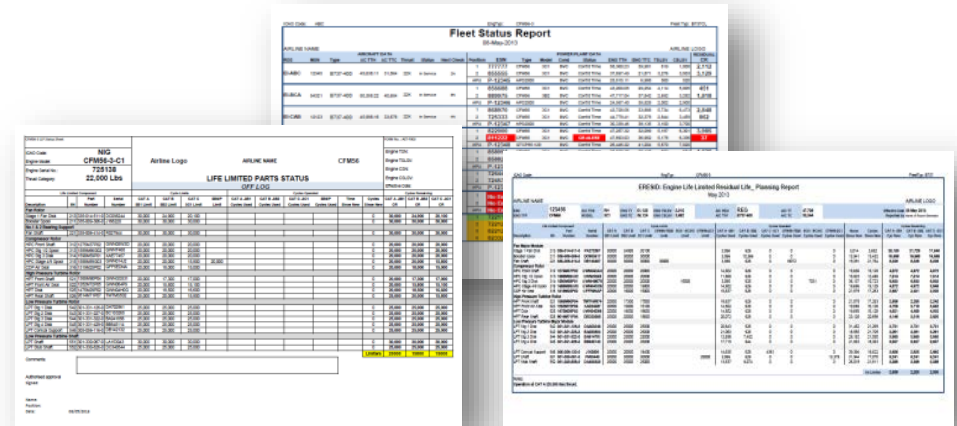
Technical Services: Engine On-wing Care

Qualified, experienced engineers and technicians are available 24/7 to assist clients to proactively resolve any engine operational issues. Our on-wing support services are designed to benefit our valued clients by:

- ✈ Increasing the on-wing life of engines;
- ✈ Reducing the cost impact of unscheduled maintenance;
- ✈ Proactively identifying and correcting on-wing engine problems
- ✈ Prompt, expert engine troubleshooting to avoid cost and downtime;
- ✈ Protecting maintenance investment and asset value.

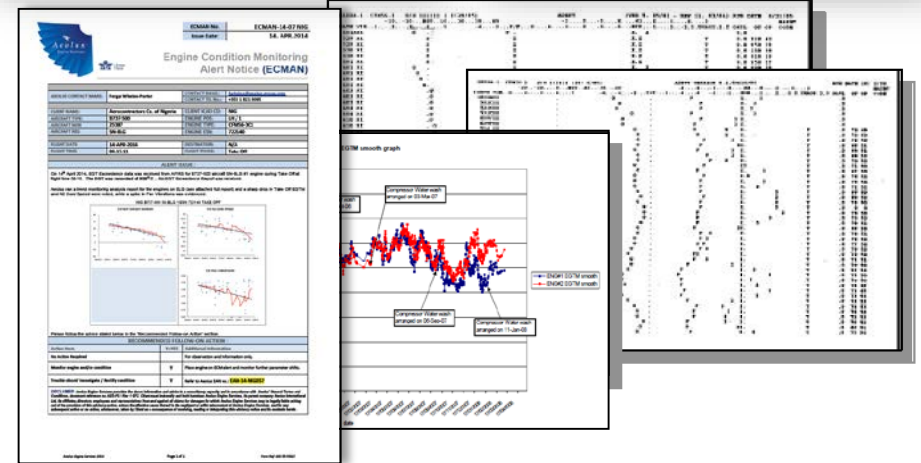
1. AETRACK: Aircraft Engine & LLP Tracking Service

- ✈ Tracking and reporting of engine utilisation & aircraft installation
- ✈ Life Limited Part (LLP) utilisation tracking & monthly status reports (for planning)
- ✈ LLP Sign-Off Sheets (On/Off Logs) for regulatory purposes
- ✈ Engine Time On Wing (TOW) Planning reports (including estimated removal dates and TSN/CSN/TLSV/CSLSV/CR)
- ✈ Engine Change Reports



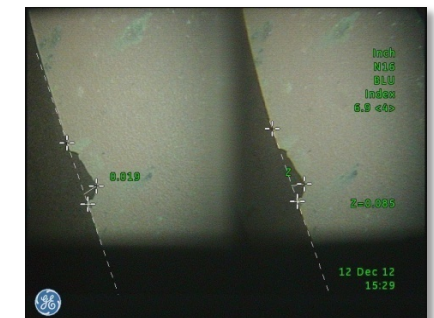
2. AECM: Aircraft Engine Condition Monitoring

- ✈ Avoid Unscheduled Removals and AOG.
- ✈ Real-time Engine Health Tracking via CFM SAGE diagnostic software.
- ✈ Daily Take Off & Cruise Monitoring (EGTM, FF, N2 Speed, Fan Vibs)
- ✈ Immediate Engine Fault and Exceedence Alerts
- ✈ Regular engine trend reports with technical analysis
- ✈ 24/7 Access to trend reports via AESHARE web portal
- ✈ Trouble-shooting and/or proactive maintenance advice
- ✈ Fixed Prices and Dependable Service.



3. AECARE: Aircraft Engine Trouble-shooting and Field Support

- ✈ Engine Defect Trouble-shooting: Remotely or On-site
- ✈ Engine Borescope Inspections (BSI)
- ✈ On-Wing Boro-blending : HPC Rotor & LPT Rotor Airfoils
- ✈ Return to Service Inspection and Certification



CAMO Services: Continuous Airworthiness Support

Aeolus Engine Services is your **source for expertise in airworthiness compliance** issues for the **CFM56** engine family. With reference to FAA, EASA and OEM regulatory releases and through the industry knowledge of our CAMO officers, we aim to enhance airline Part M structures by providing:

- ✈ **Efficient and professional engine regulatory compliance reporting;**
- ✈ **Qualified analysis of AD and SB impact and compliance requirements;**
- ✈ **Best practice industry maintenance policies;**
- ✈ **Safety focused maintenance preparation and planning.**

For CF34-3, CF34-10, CFM56-3 and CFM56-7B engines.

1. Engine Airworthiness Directive (AD) Compliance Support

- ✈ Regular auditing of AD compliance requirements per engine.
- ✈ Technical review and explanation of AD releases (via written advisory notes).
- ✈ Regular AD compliance status reporting per engine (with easy ATA reference).
- ✈ 24/7 Access to AD status reports via AESHARE web portal

2. Engine Service Bulletin (SB) Compliance Support

- ✈ Regular auditing of mandatory SB compliance requirements per engine.
- ✈ Technical review and explanation of SB releases (via written advisory notes).
- ✈ Technical advice on benefits of elective (CAT 7) SB releases per engine.
- ✈ Regular SB compliance status reporting per engine (with easy ATA reference).
- ✈ 24/7 Access to SB status reports via AESHARE web portal

3. Engine Certificate of Airworthiness (CofA) Preparation

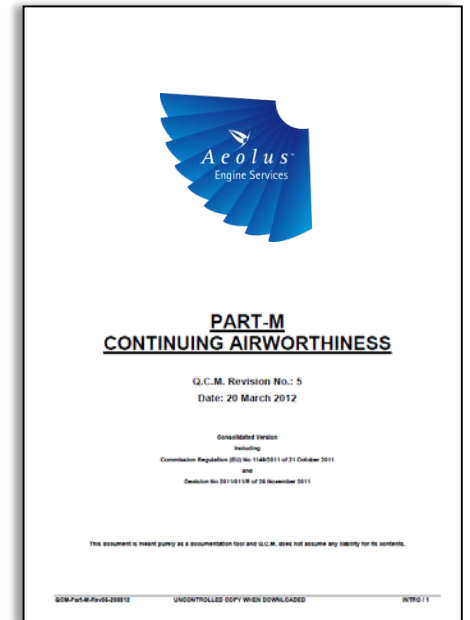
- ✈ CofA engine documentation pack compilation and review.

4. Part M Maintenance Policy Advice (CFM56-3 only)

- ✈ Engine maintenance manual/process/procedure writing;
- ✈ Engine maintenance programme evaluation and recommendations;
- ✈ Airline start-up CAMO development assistance and guidance.

The screenshot displays the 'Engine Type/Model' selection screen for CFM56-3. Below this, a table lists various ADs with columns for ATA Ref., Document No., Size, CAT, and Type. A detailed view of AD 72-0567 is shown, including its subject: 'Fuel System with 2100 Transport'.

The screenshot shows the 'Airworthiness Directive Status Report' for CFM56-3 engines. It includes a table with columns for Release, Document No., Size, Subject, EYE DATE, PIP, ADT, and Status. The report lists several ADs, such as 2013-26-05, 2013-02-02, and 2012-0209, with their respective statuses (e.g., OPEN, CLOSED).



CAMO Services: Engine Maintenance Support

Our engine maintenance support services are designed to empower our clients to:

- ✈ **Eliminate unnecessary maintenance expenditure and unforeseen costs;**
- ✈ **Streamline scheduled maintenance with operational needs;**
- ✈ **Control the off-wing engine shop visit process** (technically & financially);
- ✈ **Receive dedicated, independent and professional maintenance support.**

1. **AEM^S: Aircraft Engine Maintenance Support** (CFM56-3/-7B, CF34-3)

✈ **Maintenance Strategy and Programme Advice**

Analyse airline operations and implement best suited maintenance strategy: \$/Shop Visit vs \$/FH vs PbH; Long/Medium vs Lease Return vs Fleet Exit. Create optimised SV maintenance cycle to meet operating and financial goals.

✈ **Maintenance Contract Tendering & Negotiation:**

Tender and negotiate most competitive pricing, warranty & performance terms. Facilitate selection of best suited MRO shop for client needs.

✈ **Engine Removal and Shop Visit Scheduling**

Plan changes & maintenance events for best fleet utilisation and convenience.

✈ **Engine Shop Visit Preparation and Work Scope Creation**

SV preparation reports and Gate Zero (induction) data compilation. Customised ESV Work Scopes to ensure only work needed is performed.

✈ **Engine Shop Visit Event Control**

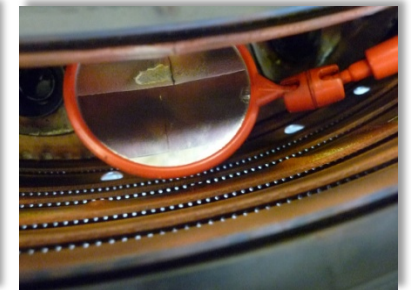
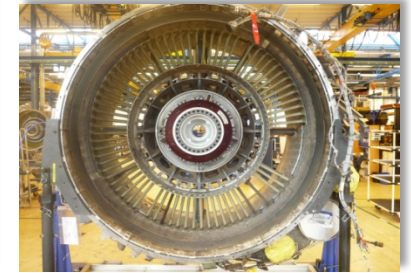
On-site Table Inspection (review of disassembled engine), SV Process Control; Work Scope review and increase justification; Scrap and Repair Deviation analysis to salvage costs; TAT control; Weekly client status reports; Daily correspondence with MRO Shop; Test Cell review; OEM Warranty processing SV invoice review;SV release documentation review.

2. **AECOST: Aircraft Engine Maintenance Cost Analysis** (CFM56-3/-7B, CF34-3)

- ✈ Direct Maintenance Cost (DMC) analysis for fleet and/or individual engines.
- ✈ Cost forecasting and review for engine maintenance events.
- ✈ Payment plan negotiation with MRO shops for engine maintenance events.

3. **AEVISE: Aircraft Engine Technical Advisory Support** (CFM56-3/-7B, CF34-3)

- ✈ Engine component repair assessment (FAA DER/OEM/CDR)
- ✈ Technical representative for insurance audits:
- ✈ Engine pre-purchase inspection and valuation:
- ✈ Return lease compliance checks
- ✈ Fleet planning analysis for CF34-3, CFM56-3 and CFM56-7B series.



Commercial Services:

Developed from our strong **industry experience**, **market knowledge** and **skilled staff**, we offer a suite of commercial services that deliver tangible benefits to airlines, lessors and power plant owners worldwide:

- ✔ Asset value protection
- ✔ Best fit engine options
- ✔ Best value return on investment (ROI)
- ✔ Efficient and professional service

1. ELA: Engine Lease Agreements

Tailored lease solutions for CFM56-3 and CFM56-7B engines.
Short, Medium and long-term leases offered.
Flat fixed price or utilisation-based rates.
Simplified engine delivery and re-delivery process.

2. EMA: Engine Management Agreements

Lease placement and contract management for CFM56-3 and CFM56-7B engines.
Engine delivery and re-delivery processing
Lease invoice collection support
Piece of mind revenue generation with assets in safe hands!
Access to worldwide airline client base.

3. ESA: Spare Engine Sale / Leaseback Agreements

Engine sale management for CF34-3, CF34-10, CFM56-3, and CFM56-7B
Achieving the best value options for your asset disposals.
Sale and Lease-back options to free up cash flow.
Professional project management and process reporting.
Access to worldwide potential buyer pool.
Secure engine storage and inhabitation monitoring.



Contact Us

For further information about any of services, please forward your enquiries to info@aeolus-engineservices.com

Or contact

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