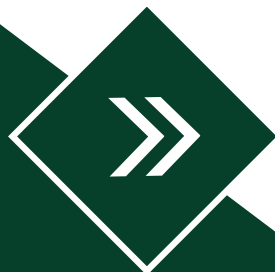




APU & ENGINE MRO

131-9A / 131-9B APU

ALF502 / LF507 Turbofan Engines



UK CAA Part-145

EASA Part-145

FAA Part-145

AS/EN 9110



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Independent APU & Engine MRO in Warwick, UK

CFS Aeroproducts is a Part-145 maintenance, repair and overhaul organisation based in Warwick, UK, specialising in auxiliary power units and turbine engines.

We overhaul the 131-9 series APUs, which power a large share of the world's narrowbody fleet, including the A320ceo/neo and 737NG/MAX families. We also hold the type certificate for the ALF502 and LF507 turbofan engines that power the BAe 146 and Avro RJ fleets, and provide repair and overhaul for both engine types.

Our approvals include Part-145 certification from the UK CAA, EASA and FAA, together with AS/EN 9110 accreditation.

Airlines, lessors and MROs choose us for clear quotes, dependable turnaround, and the option to watch their unit's test run live online.



131-9A / 131-9B

The APU for the A320ceo/NEO and 737NG/MAX families

Full overhaul (Heavy repair)

To the current Engine Manual and Workscope planning guide.

Repair and performance restoration (Medium repair)

Workscopes matched to the unit's condition and your fleet plan

Module-level repair (Light repair)

Load compressor, power section and gearbox

Teardown and condition reports

Photographed findings for operators and lessors, sent before any major work is approved

Piece-part inspection and certification

Exchange and lease units

Release

EASA Form 1, UK CAA Form 1 with FAA dual release



OUR APU CAPABILITY

131-9A / 131-9B

131-9 SERIES APU



131-9A/131-9B



ALF502 / LF507

Type certificate holder for the BAe 146 and Avro RJ engine

Engine repair and overhaul

Full repair and overhaul of the ALF502 and LF507 series, approved under UK CAA, EASA and FAA Part-145

Module repair and core exchange

Individual modules repaired or replaced, with core exchange available to cut downtime

Component repair

In-house repair of key components, including combustion liners and first- and second-stage nozzles

Borescope inspection

On-condition borescope inspection to assess engines before repair

Replacement parts

Overhauled, repaired and inspected/tested parts with full traceability, certified serviceable and released on EASA Form 1, UK CAA Form 1 or FAA 8130-3

OUR ENGINE CAPABILITY

ALF502 / LF507

Type certificate holder for the
BAe 146 and Avro RJ engine

ALF502/LF507



Proven in Our Own Test Cell

Watch the test live from your desk

Every overhauled unit is run in our on-site test cell before it leaves Warwick.

You can watch your unit's test run live online. The test report travels with the unit.

Testing in-house removes a third-party step from the programme and keeps turnaround in our control.





The CFS Difference

Why operators choose us

FIXED

Quotes without surprises

Clear workscope pricing agreed before repair starts

REGULAR

Progress updates

Kept informed from the day your unit arrives to the day it's returned

LIVE

Watch your test run

Follow the acceptance test live online, or review the recording afterwards

ON TIME

Committed turnaround

Agreed turnaround times to keep your fleet on schedule





Facilities

A shop laid out for APU and engine work

Dedicated strip and build bays

Clean, segregated work areas

Controlled stores

Traceable parts and calibrated tooling

In-house machining and balancing

Latest full digital balancing equipment

In-house NDT

On-site test cell

See page 9

Floor area

45,000 sq ft





How We Work

What happens to your unit

1

Enquiry and quote

Tell us the unit, its history and your requirement

2

Induction

Records review and incoming inspection

3

Strip and report

Findings and workscope sent for your approval

4

Repair and build

To the manufacturer's manual

5

Test

Full acceptance run and test report

6

Release and dispatch

Certified and shipped back to you

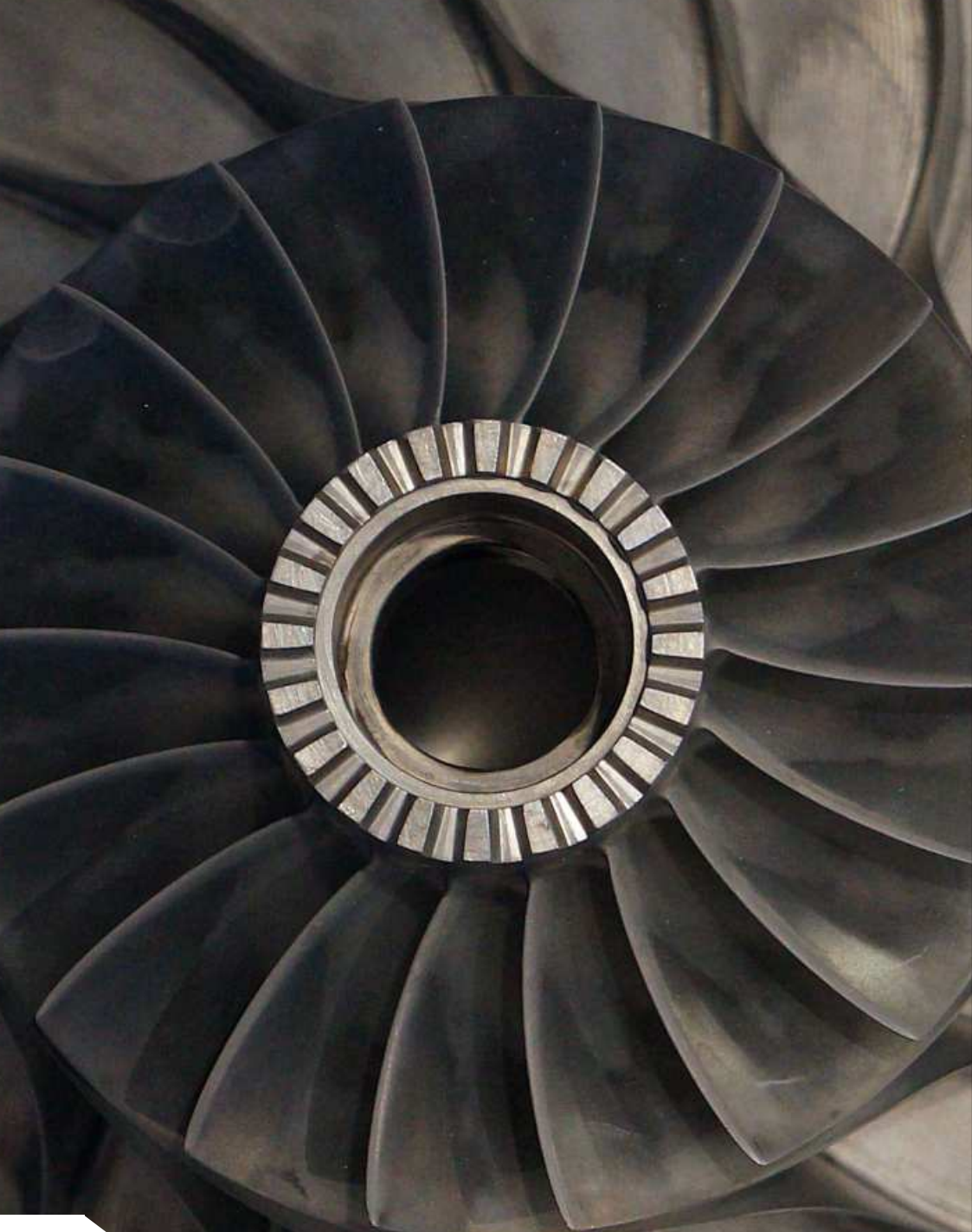
Fixed-price repairs

Our most common repairs are available at a fixed price. Contact



apu@cfesaero.com





Approvals & Quality

Approved to maintain the Honeywell 131-9 series APU and the ALF502 and LF507 series engines.

UK CAA

Part-145

UK.145.01292

EASA

Part-145

EASA.145.3198

FAA

Part-145

8CFY298B

AS/EN 9110

Quality Management

FS 649309

Terms of Approval

Engines B1: ALF502 and LF507 series

Engines B3: Honeywell 131-9 series

Components C07: in accordance with approved capability list





Talk to the
people who do
the work



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