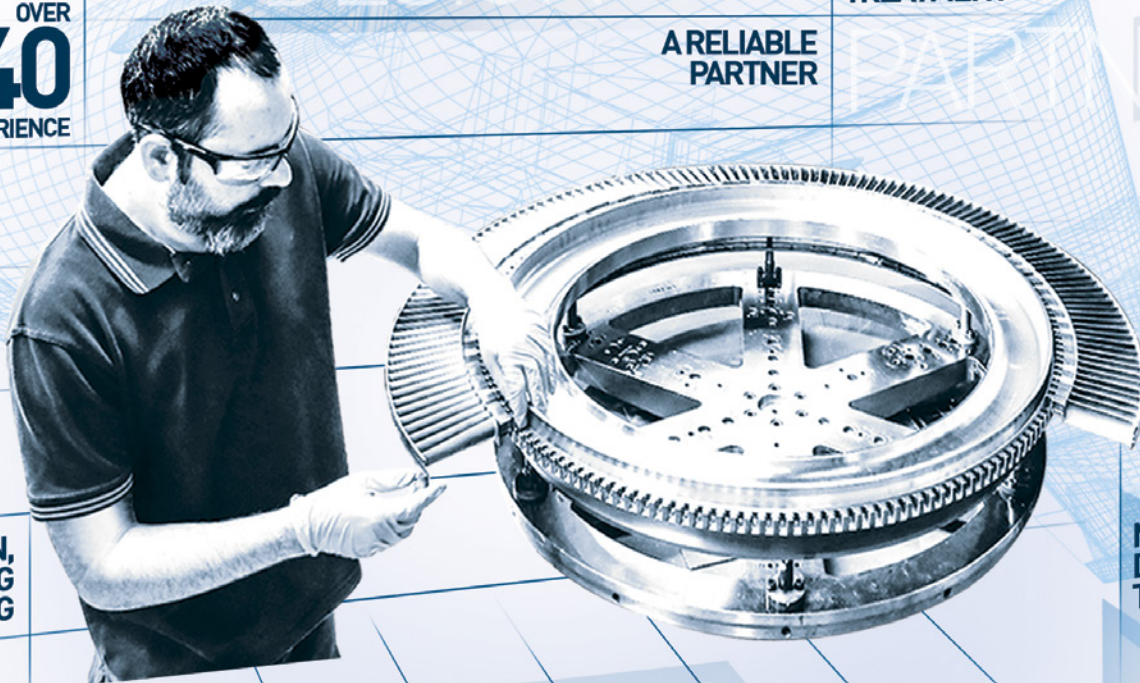


MRO & CRO



DESIGN

WELDING
AND HEAT
TREATMENTA RELIABLE
PARTNEROVER
40
YEARS OF EXPERIENCESPECIAL
PROCESSDESIGN,
MANUFACTURING
AND TESTINGNON
DESTRUCTIVE
TESTINGTESTING
MANUFACTURING**ON BOARD WITH US**

If you are looking for:
Careful support for MRO and CRO activities
A reliable partner
A solutions provider
International team support
A great design specialist and manufacturer
we can develop and industrialize specific
repairs for your products

THEY'VE ALREADY CHOSEN US

General Electric
Rolls-Royce
Pratt and Whitney
Snecma

Italian Air Force
Brazilian Air Force
Royal Netherlands Air Force

Avio Aero 
A GE Aviation Business

DESIGN

SAND CASTING /
ADDITIVE MANUFACTURING

MANUFACTURING

ASSEMBLY

TESTING

DELIVERY

MRO & CRO

YOUR
TECHNOLOGY
PARTNER

MRO & CRO

OUR COMPETENCIES IN THE MRO & CRO SECTORS

REPAIR CAPABILITIES

SPECIAL PROCESSES

- ✔ Plasma spray
- ✔ Thermal spray
- ✔ Wire spray
- ✔ Cold spray
- ✔ HVOF (Hyper Velocity Oxygen Fuel)
- ✔ PVD (Physical Vapor Deposition)
- ✔ Heat treatments
- ✔ High pressure water jet stripping
- ✔ Shot peening
- ✔ Glass bead peening
- ✔ Grit blasting
- ✔ ESD (Electro Spark Deposition)
- ✔ Thermal spray monitoring system (Accuraspray)
- ✔ Inorganic and organic painting
- ✔ Sandblasting and stripping
- ✔ Tumbling
- ✔ Laser cladding
- ✔ Super-polishing
- ✔ Adjustments
- ✔ High-precision static and dynamic balancing

WELDING AND HEAT TREATMENT

- ✔ Automatic tig welding
- ✔ Automatic micro plasma welding
- ✔ Vacuum titanium welding chamber
- ✔ Vacuum and air furnaces

NON-DESTRUCTIVE TESTING

- ✔ Eddy current
- ✔ Thermographic inspection
- ✔ Magnetic particle inspection
- ✔ Ultrasonic inspection

OUR INTEGRATED LOGISTICAL SUPPORT PROVIDES

- ✔ Configuration Control Management & Accounting
- ✔ OEM technical liaison
- ✔ Investigation of errors and malfunctions
- ✔ Obsolescence and supportability analysis
- ✔ Field and remote support
- ✔ Training centres
- ✔ Technical support
- ✔ Technical publications
- ✔ Coordination of upgrades
- ✔ Spare parts and purchase forecasting

DID YOU KNOW?

We are a reliable partner in all the activities we follow: from design to delivery. We are national champions for MRO activities in Italy and Brazil. EJ200, T700, Spey Mk 807 and LM2500 are just examples of the engines we are responsible for.

Our CRO activities revolve around the components we design and produce for the GEnx, GE90, Trent900 and V2500 engines. Our engineers and highly specialised technicians are ready to support and guarantee the quality of all our CRO and MRO activities.

We also offer Airlines support activities: get in touch with us to see how we can help.

YEARS EXPERIENCE



WE DO MRO ON THE FOLLOWING ENGINES

| | |
|---------|-------------|
| EJ200 | Spey Mk 807 |
| AE2100 | CT-7 |
| J85 | T700 |
| LM2500 | RB199 |
| Pegasus | |

OUR CRO OFFER

GEnx

Accessory Drive Train
LPT (NGV and Case)
Oil tank

GE90

Accessory Drive Train
LPT (Nozzle)

V2500

Accessory Gearbox
Oil pump
Oil tank

Trent 900

Accessory Drive Train
Oil tank

CONNECT WITH US

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AvioAero



@AvioAero



AvioAero

OUR MRO&CRO
PLANTS
ARE LOCATED IN:

POMIGLIANO D'ARCO (ITALY)
78,000 Sqm specialised in CRO

BRINDISI (ITALY)
50,900 Sqm specialised in MRO

PETROPOLIS (BRAZIL)
3,500 Sqm specialised in MRO