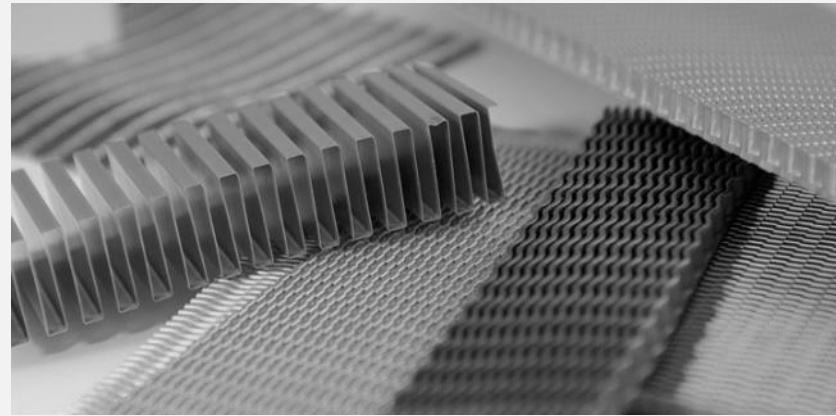


Passionate and Dedicated to your Needs



TAT Technologies Group



TAT – Key Facts



7 Decades within the
A&D Industry



> 500 customers.
LTA worth \$220M



+100 M\$
Annual Turnover in 2017



600 Employees



5 Production Sites

TAT Technologies Group

TAT Technologies Group is a strategic global partner to leading players in the aerospace industry, specializing in innovative commercial, defense, OEM and MRO solutions

Established in 1969, TAT provides design, development, manufacturing and service in 2 main areas:

- » Thermal Management Solutions
- » Power & Actuation Services

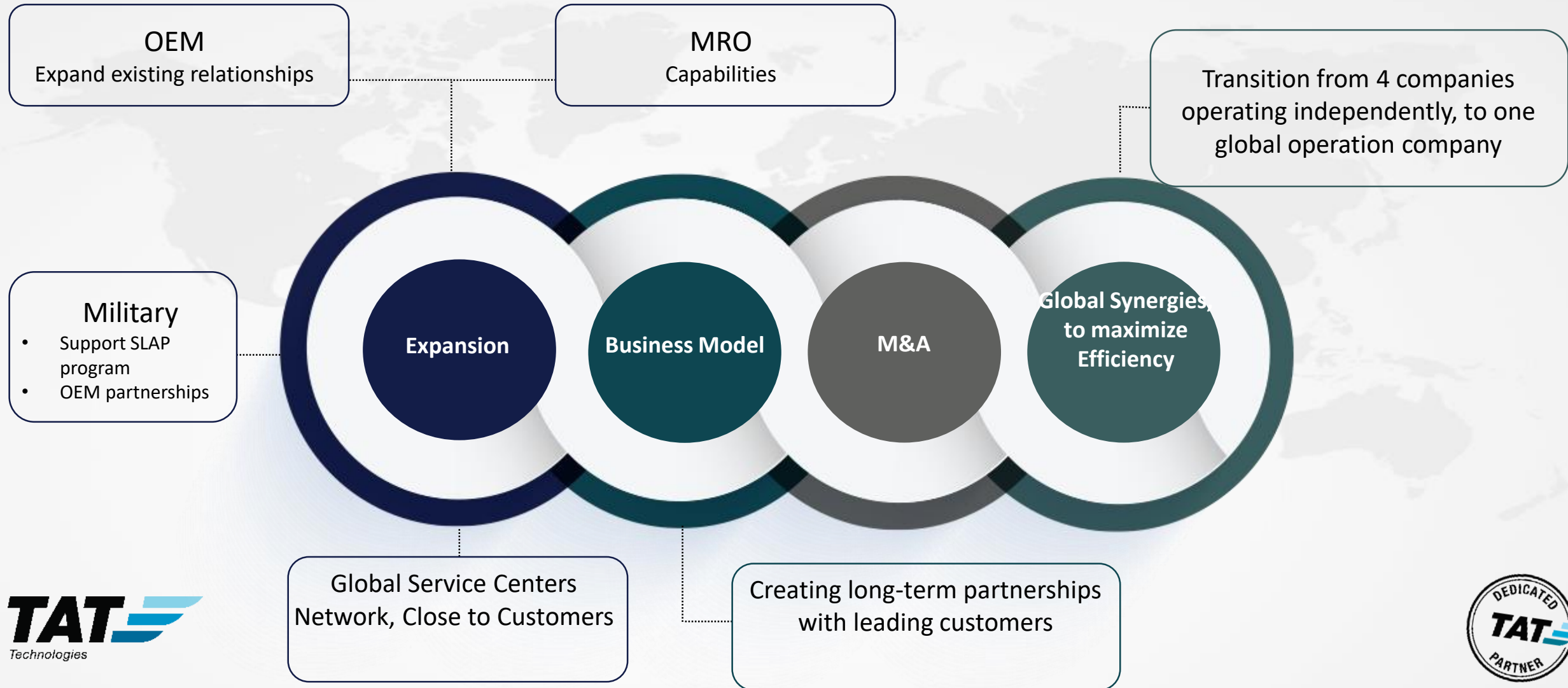
Our services are customized, cost effective and delivered within a short turnaround time. Some of the world's leading OEMs, airlines, air forces and defense organizations rely on us to ensure effective operation of their fleets and mission critical systems.



Global Presence



New Strategy & Growth Drivers





Thermal Management

Products and Service Samples

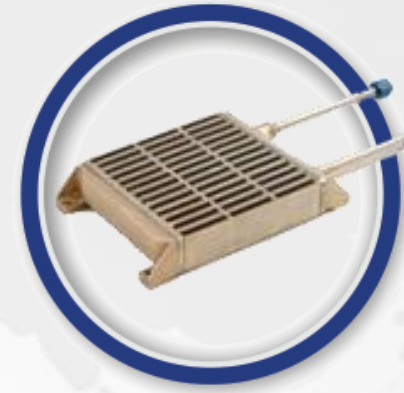
Design, manufacturing and MRO services for Thermal Management solutions



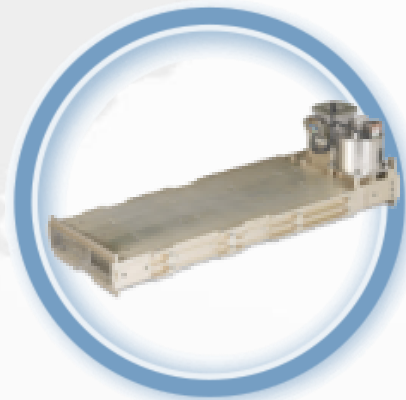
Heat Exchangers



Oil Coolers



Fuel submerged HX



Electronic devices cooling system



ECU

Thermal Management Solutions



TAT Limco

TAT Limco is a wholly owned by the public traded company TAT Technologies Group.

TAT Limco located in Tulsa OK, is recognized as a world leader in the Thermal Management Solution business with primary focus on the Aerospace Industry. We are uniquely poised as a **total solution provider**, BOTH a premier manufacturer of original designs for Military, Regional, and Commercial applications and an FAA/EASA/CAAC approved repair station for Maintenance, Repair, and Overhaul (MRO) of Heat Transfer Equipment.



Decades within the
A&D Industry



\$M
Annual Turnover



Employees

We Keep Our Clients Flying



Products and Service Samples

Design, manufacturing and MRO services for Thermal Management solutions



Heat Exchangers



Oil Coolers



Ozone Converters



Electronic devices
cooling system



ECU

Quality

Quality System:

- » AS9100:2009, Rev. D
- » ISO 9001:2008
- » AS9110, Rev. C

Quality System:

- » NADCAP
- » Nondestructive Testing
- » Welding



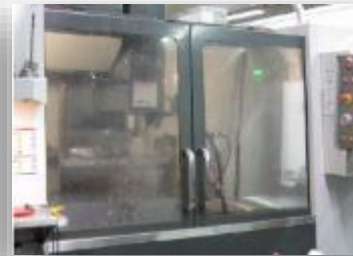
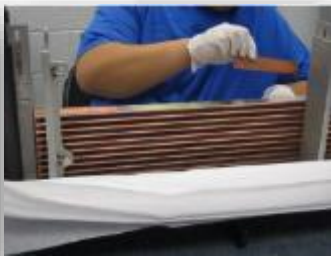
Manufacturing Solutions

Capabilities:

- » Full range of in-house Design, Manufacturing, finishing and Testing capabilities

Types of Solutions:

- » Complete range of Manufacturing services:
 - Design to Envelope and Specifications
 - Build to Print



MRO Solutions

Capabilities:

- » Full range of in-house Engineering, Servicing and Testing capabilities

Types of Solutions:

- » Complete range of MRO services :
 - Clean & Test
 - Repair
 - Overhaul
 - Re-Core



Differentiation



Engineering Capabilities



Service Station



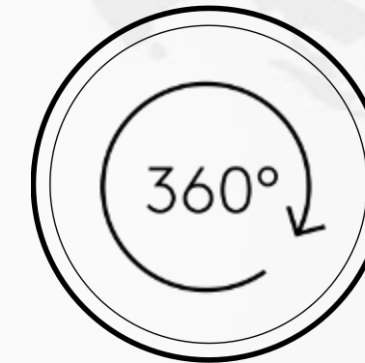
Strategic Partnership



Fast Turn-Around Time



Global Presence



One-Stop-Shop for Thermal Management Needs

TAT Gedera

TAT Gedera is a wholly owned by the public traded company TAT Technologies Group.

TAT Gedera is a diversified technology-based engineering and industrial company specializing in design, development and manufacture of Heat Exchangers, Cooling Systems, Cold Plates, Vapor-Cycle Air Conditioning Systems (for both land and airborne applications) flow accessories, etc. Another facet of our activities is manufacture and overhaul of Secondary and Emergency Power Systems for F16, Jet Fuel Starters for F16, Fuel Controls, Turbines and Valves etc. We also design and manufacture Air Conditioning and NBC Systems for military and civil applications such as communication shelters, armored vehicles in various configurations for custom applications.



Decades within the A&D
Industry



\$M
Annual Turnover



Employees

We Keep Our Clients Flying

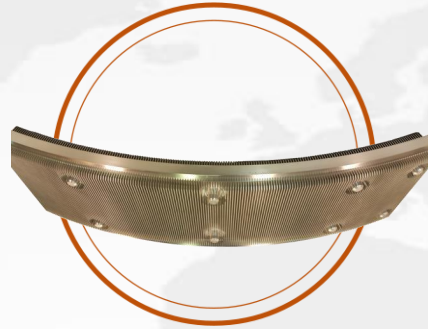


Thermal Management Products and Service Samples

Design, manufacturing and MRO services for Thermal Management solutions



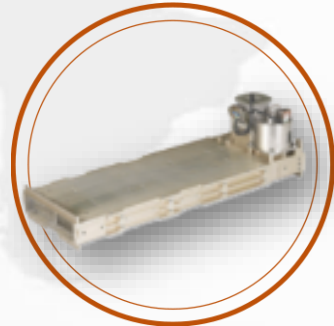
Heat Exchangers



Oil Coolers



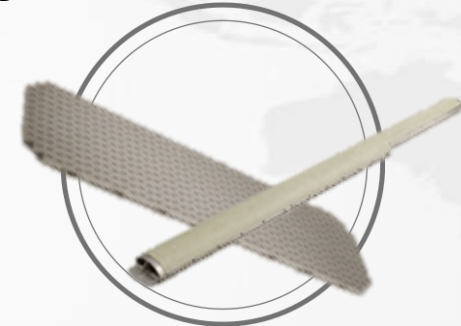
Fuel submerged HX



Electronic devices
cooling system



ECU



Cold Plates & Antennas

Heat Exchangers

Legacy of 45 years in Heat Management solutions

Replacing tubular technology:
Tubular HXs in traditional applications, such as engine HXs, are increasingly replaced by plate-and-fin to save weight and size

Enhanced Heat Exchanger performance:
Driven by higher requirements to operating temperatures, pressures and media flows

Compactness and low weight:
Driven by layout and system constraints

Reliability:
More cycles and lifetime

Cold Plates and Antennas

TAT's cold plates are used for power electronics cooling in both military and civil aerospace applications.

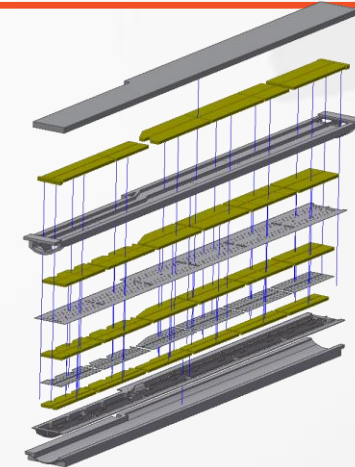
TAT's cold plates are custom-built flat enclosed heat sinks of flexible and complex configurations designed to accommodate electronic components and reject their heat by means of air or liquid coolant.

Made of Aluminum alloys by vacuum brazing, cold plates offer superior performance and reliability.

Our cold plates can be manufactured in virtually any shape to any precision and contain one and sometimes more finned layers as dictated by optimized thermal design.

silent partner in the pods world

TAT can manufacture cold plates up to 2.35 m long. Some cold plates are part of airframe structure.



Environmental Control Units

TAT Technologies designs and manufactures a comprehensive line of Environmental Control Units for any application where heat removal is essential.

TAT is well known due to its:

- » Simplicity - Integration, Installation & Maintenance
- » Excellent Performance
- » High Reliability
- » Cost Effective

Our Systems are typically installed on Military Shelters (C4I, Communication, Power, UAV), Military Tents, Armored Vehicles, Radar, Launchers and other Special Platform.

Platforms

Marine



Land



Power & Actuation Products and Service Samples

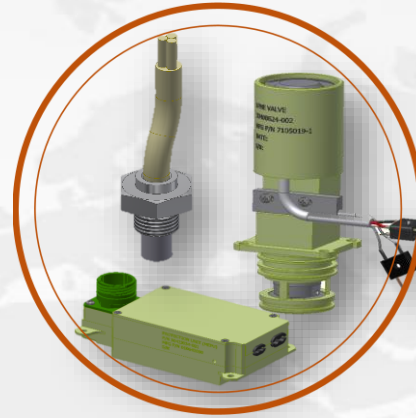
Design, manufacturing and MRO services for Power & Actuation solutions



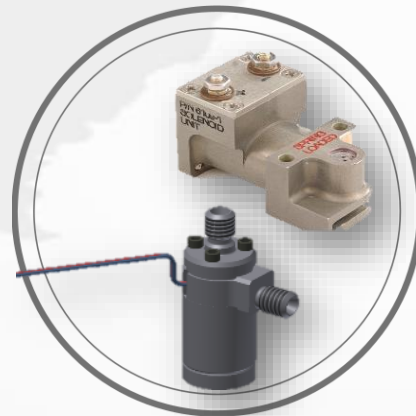
Fuel System Accessories



ECS Accessories



Cooling Systems Accessories



Solenoid Unit Assy & Valve



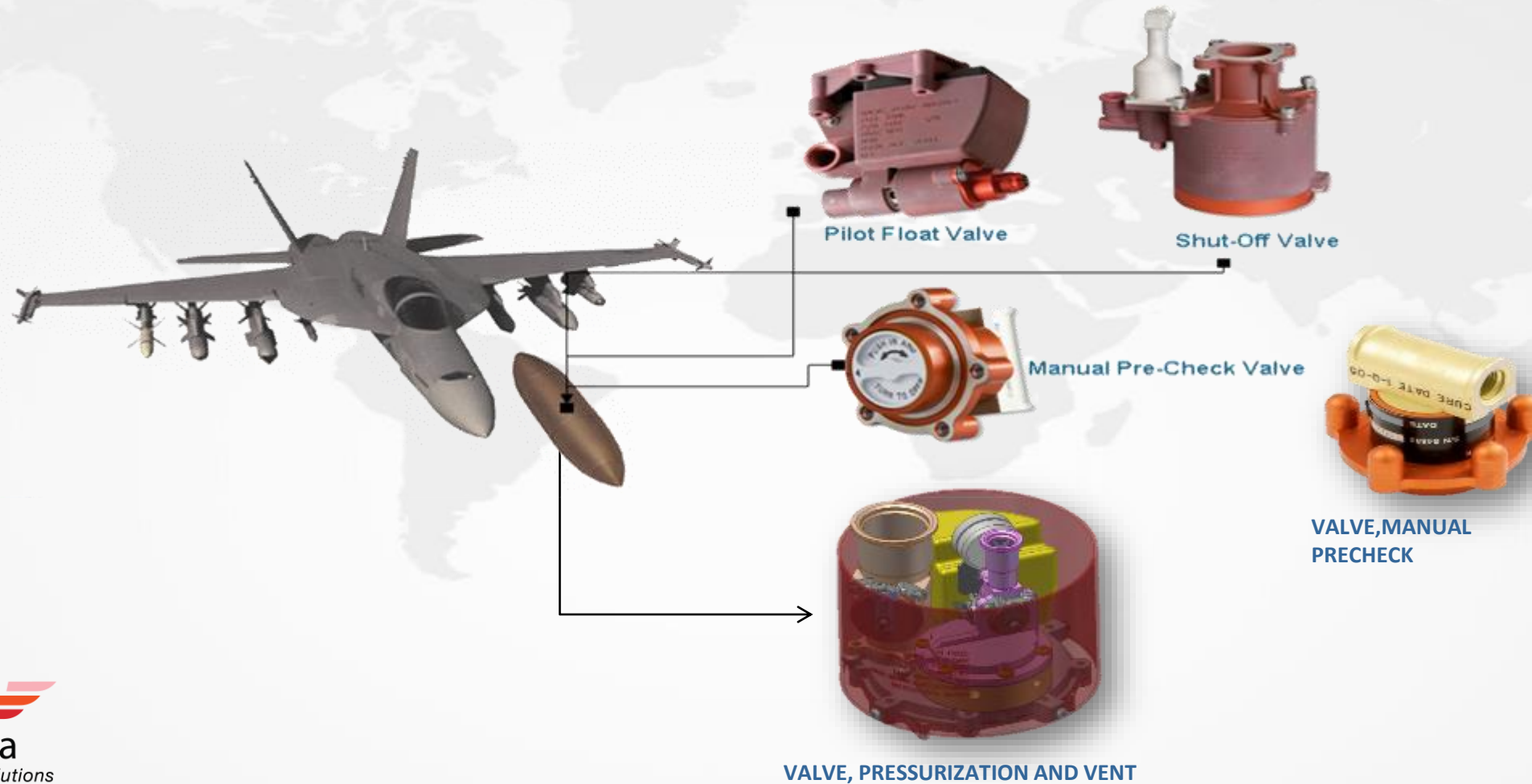
Turbine Power Unit



Pumps

Fuel System Accessories

Some valve examples
Built-To-Spec Capabilities



Differentiation



Thermal Management Global
Market Leader



Technology Leadership &
Innovation



Private Label Mass Production



5 Decades of Experience, Combined
with Flexibility According to Customer
Needs



Cost Effective & Competitive
Offering



Highly Experienced Team of
Professionals 24/7

A close-up photograph of a metallic turbine engine component, likely a compressor or turbine section, showing complex curved surfaces and a highly polished, reflective metal finish. The lighting creates strong highlights and shadows, emphasizing the intricate geometry. A semi-transparent blue rectangular box is overlaid in the center, containing the text "Power & Actuation" in white, sans-serif font.

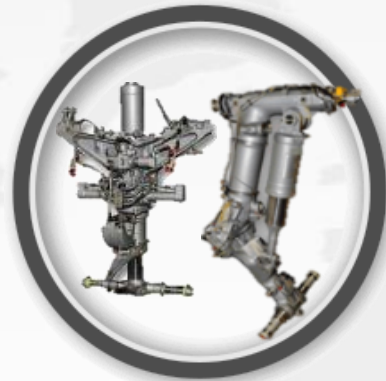
Power & Actuation

Products and Service Samples

Design, manufacturing and MRO services for Power & Actuation solutions



APU



Landing Gear



Feel System
Accessories



Engine Components



Pumps



ECS Accessories



Cooling Systems Accessories

TAT Piedmont

TAT Piedmont located in Greensboro, North Carolina, USA is a wholly owned subsidiary of TAT.

TAT Piedmont Component Services offers extensive component maintenance and overhaul capability for the commercial, regional, corporate, military and general aviation industry. TAT Piedmont is a FAA and EASA Part 145 Repair Station with nearly 60 years of experience in landing gear overhauls, and over 20 years of experience in Honeywell auxiliary power units (APU) and related component overhauls. TAT Piedmont also has extensive machining and metal plating capabilities to serve a wide range of products and components. TAT Piedmont's Aviation Parts Services Division maintains a full complement of items, including Line Replaceable Units (LRU), Components and Piece Parts for Commercial, Regional, Corporate and General Aviation aircraft.



Decades within the A&D
Industry

\$M
Annual Turnover

Employees

We Keep Our Clients Flying

Providing MRO solutions for Power & Actuation



APU - Service Samples

Clean, Repair, Overhaul & Test

GTCP36 Series



- CRJ100/200
- Fokker 70/100
- BAE 146
- EMB 120
- Black Hawk

GTCP85 and GTCP95 Series



- 737 "Classics"
- MD-80
- C-130

GTCP331-200/250 Series



- Boeing 757
- Boeing 767
- A310
- A300

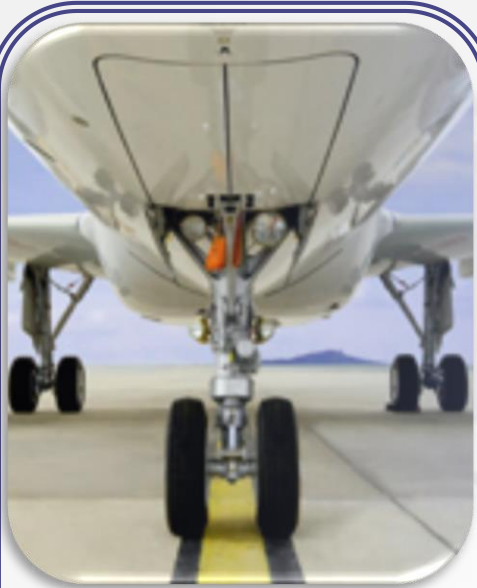
APS2300



- Emb170
- Emb190

Landing Gear - Service Samples

Repair & Overhaul Services



Main & Nose
Landing Gear and
Accessories

Embraer E-170/190



ATR 42



ATR 72



CRJ-100/-200

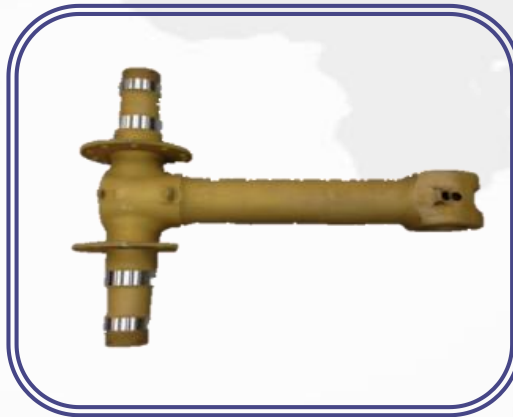


Lockheed P3



Machining & Grinding - Service Samples

- HAAS CNC VF3 Machining Center
- HAAS CNC SL-30 Lathe
- Bridgeport CNC V10000
- Bridgeport CNC Grinder
- Coordinate Measuring Machine
- Automated Shot Peen Machine
- Manual Milling Machines
- Manual Lathes
- OD Grinders
- Surface Grinders
- Norton CNC Gap Bed Grinder (48" swing)



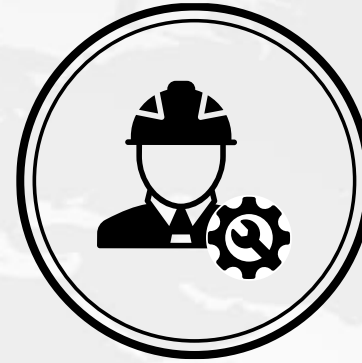
Differentiation



Strategic Partnership



Highly Experienced Team of Professionals 24/7



Deep Market Expertise



Reputable Customer Base

TAT Turbochrome

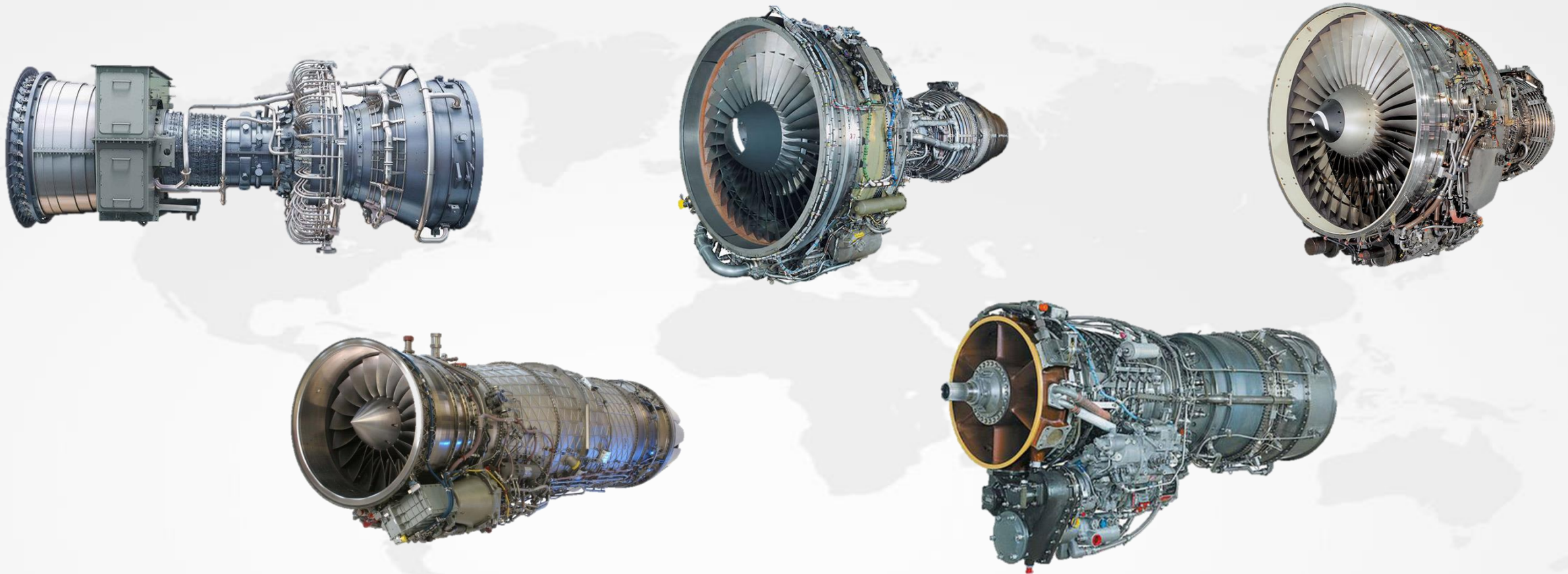
TAT Turbochrome is wholly owned by the public traded company TAT-Technologies Group.

TAT Turbochrome is a leading jet engine component overhaul repair shop. The company in the Aviation Industry since 1969, serving commercial and military aviation, as well as industrial gas turbine customers to the highest quality standards. TAT Turbochrome is a FAA and EASA Part 145 Repair Station.

Amongst the company's customers are prime MRO contractors, airlines, air forces and energy companies. TAT Turbochrome has a wide range of advanced technologies and capabilities needed for repair processes that apply to many different components and industries.

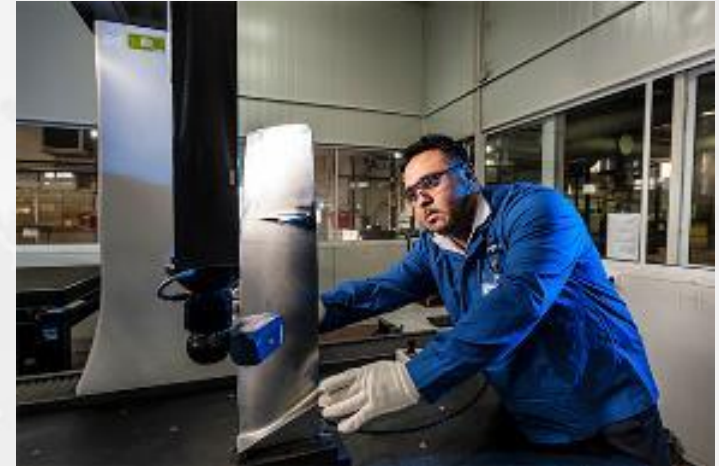


We Keep Our Clients Flying



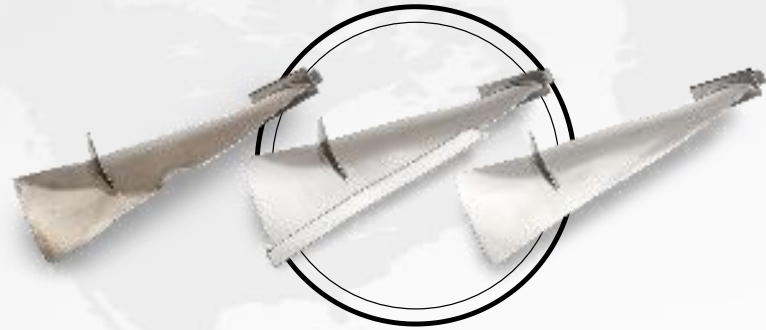
Capabilities

- » NDT: X-Ray; FPI; Ultrasonic; Eddy Current and XRF
- » Metallographic and Chemical Analysis
- » Dimensional Inspection (3-axis computerized CMM)
- » EB Weld and TIG welding
- » Vacuum Brazing and Heat Treatments in Argon and Hydrogen
- » Plasma and HVOF coatings
- » Electro-less coating of Nickel-Boron Thallium
- » Cubic Boron Nitride Coating (CBN)
- » Diffusion coating (resist high temperature corrosion and erosion)
- » Electro-Discharge Machining (EDM)
- » CNC Machining and Grinding



Service Samples

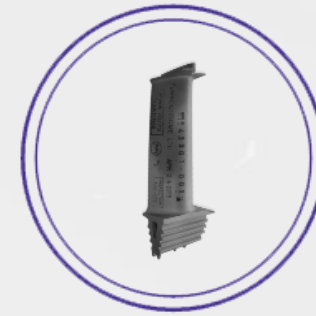
Providing MRO solutions for jet engine components



Fan Blades



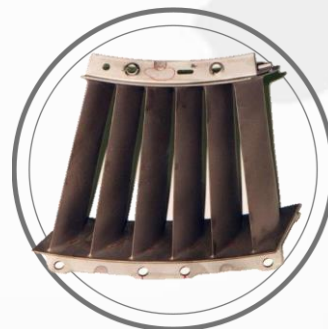
HPT Vanes Airfoil Replacement



HPT Blade



Compressor Blade



LPT Vane



Nickel Boron Thallium Coating

Typical Repair Samples

PW2037 Fan Blades:



As Received with
FOD Damage

After Insert Installation

Repair Completion

Typical Repair Samples

HPT Vanes Airfoil Replacement:



As Received



Repair Completion

Typical Repair Samples

Compressor Rotor Blades Coating:



Plasma Coating Root Replacement



CBN Coating Tip Replacement

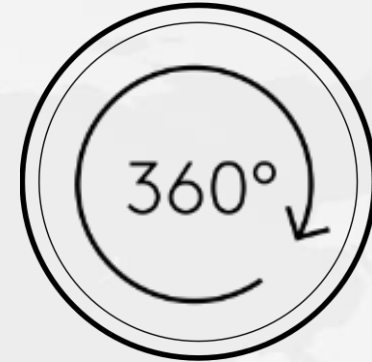
Differentiation



Strategic Partnership



Cost Effective & Competitive Offering



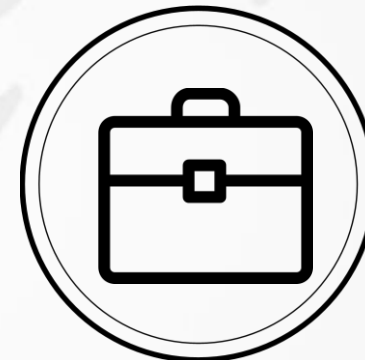
One Stop-Shop for Engine Components MRO



Fast Turn-Around Time



Technology Leadership & Innovation



Reputable Customer Base

A hand is shown from the bottom left, holding a brown paper airplane. The airplane is pointed towards the upper right. The background is a bright, hazy sky with soft, white clouds, suggesting a sunset or sunrise. The sun is visible as a bright, glowing orb behind the clouds, creating a lens flare effect. The text "Thank You" is written in a bold, blue, sans-serif font, positioned diagonally across the upper part of the paper airplane. On the left side of the image, there are several overlapping, semi-transparent white curved shapes that resemble stylized paper or fabric folds.

Thank You