

Overview

- **1** TEAM Inc.
- 2 TAS (TEAM Aerospace Solutions)
- 3. New Facility
- 4. Equipment Capacity/Modernization Details
- 5. Full Capability List and Accreditations



TEAM Inc.





TEAM, Inc. — Optimizing Performance Who We Are

provider of truly
integrated digitallyenabled asset integrity
solutions that result in
greater safety, reliability
and operational
efficiency across an
entire supply chain.

TEAM By the Numbers

7,000+ team members

200 locations in 20 countries

14 integrated service lines across 3 segments

20+ unique industry sectors serviced

year legacy of providing integrated inspection and assessment, turnaround and onstream services

100 year legacy of technological innovations

\$1.2B of annual revenue in 2019





TASTEAM Aerospace Solutions





TEAM Aerospace SolutionsWho We Are

TEAM Aerospace Solutions (TAS) has been the go-to aerospace solutions provider for over three decades. We are recognized throughout our expanding customer base for **expedited service**, consistently meeting turn time, and providing innovative and customized solutions.

TEAM Aerospace Solutions

6 principal locations

250+ customers

8 integrated service lines

30+ years of world class service

6 different market sectors served





NDT Capabilities

Ultrasonic Inspection



- Ultrasonic Immersion Stations
- Through Transmission
- Roller Probe C Scan
- Contact

Radiography



- X-Ray
- Isotope
- Computed Radiography

Fluorescent Penetrant



- Post Emulsified
- Water Wash
- Solvent Removable

Magnetic Particle



- Wet Fluorescent
- Dry Powder
- De-Mag Machine

Eddy Current



- Fully Automated
- Semi-Automated
- Hand Scan



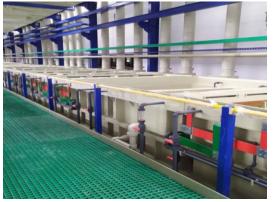
Chemical Processing Capabilities

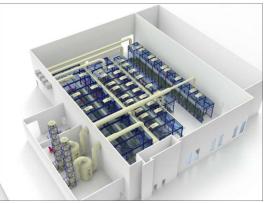
Current Engine Line Capability

- CF6-80A
- CF6-80C
- CF6-80E
- CFM56-7
- GE90-94B
- GE90-115B
- Genx-1B
- LM2500
- HONDA
- LEAP-1A
- LEAP-1B
- F414
- F404
- F110
- J85

New Facility 6 Lines / 90 Tanks

- Blue Etch Anodize
- Macro Etch
- Anodic Etch
- 3 & 4 Step Alkaline Clean
- Titanium Clean
- Strip Lines









Other Services

Clean Room



- Cleanliness Verification
- P4TF21 (all Classes)
- Particle Size
- Particle Count
- Weight

Abrasive Blasting



- Alumina Oxide
- Plastic Media
- Nut Shell Media

Metallurgical Services



- Replications
- Micro Hardness
- Tensile Testing
 Laser Re-Case
- Alpha Case
- **Evaluation**
- Inter-Granular
 Hardness **Attack**

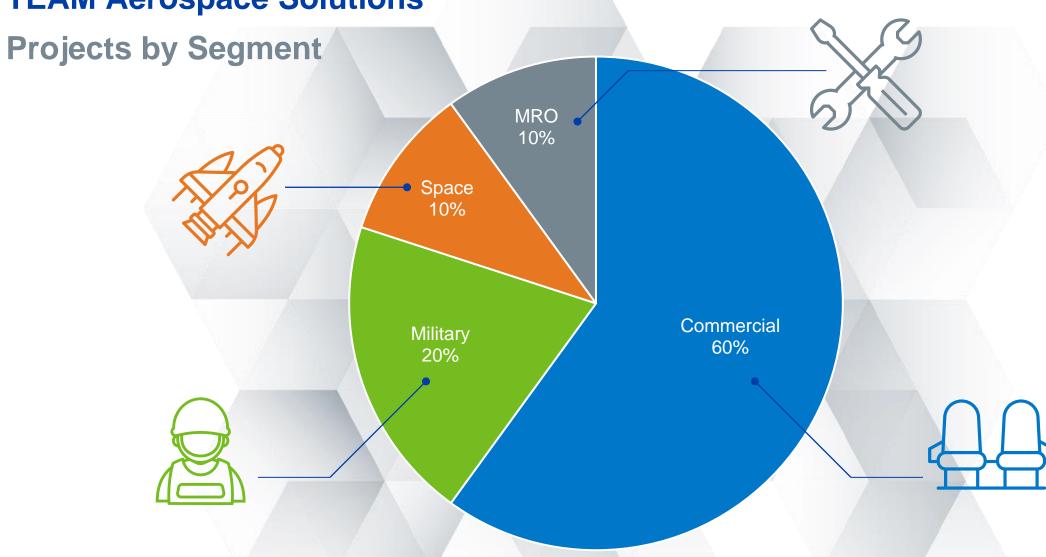
Coating Room Application



- Paint
- Dry Film Lube
- Molydag



TEAM Aerospace Solutions





Locations Around the Globe



Facility Headquarters





Cincinnati Facility Headquarters

90,000 square foot brand new facility

\$16M capital investment in facility & equipment

3x increased aerospace part capacity

Q2-2022 move in and approvals

Ensuring Alignment

- Equipment and Construction
- Audit and Accreditation (Existing and New)
- Culture and Infrastructure





Equipment Capacity/Modernization Details





Cincinnati Chemical Processing Expansion

3x increase in capacity, up to 8' Envelope

Equipment due to ship August 2021

Approval March 2022

Methods -

- Coatings Strip
 - PtAl and Bond Coats
 - Leaching
- Blue Etch/Anodize
 - All Ti Alloys and Back Stripping
- Macro/Anodic Etch
 - Ti, Super Alloys, Pre-Pen / Single Crystal
- Cleanliness Verification ("Super Clean")
 - Single Crystal
- Alkaline Cleaning
 - 3 4 Step and Heavy Duty Descaling





Cincinnati FPI/MPI Expansion

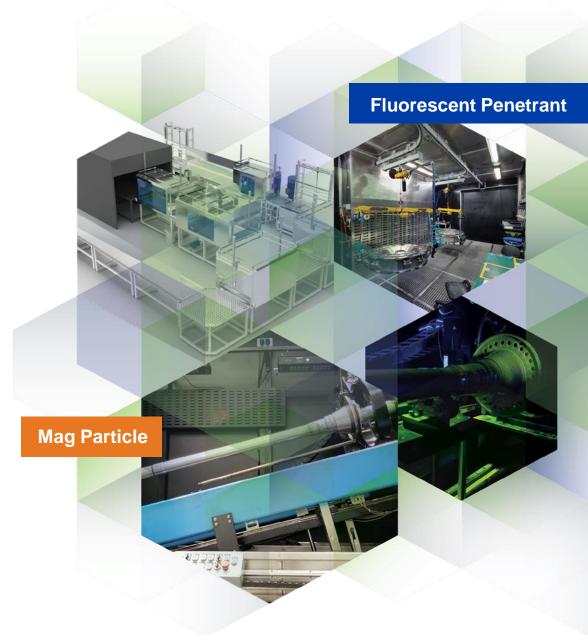
3x increase in capacity

Equipment due to ship August 2021

Approval March 2022

Methods

- FPI
 - Modernized System
 - Dual Line Capability
 - Component Automation
- Mag Particle
 - Automated System
 - Robotic Visual Inspection
 - Increased Size Capability (Midshafts)





Cincinnati Ultrasonic Expansion

3x increase in capacity

Equipment due to ship July 2021

Approval 2nd IRT August 2021, 4 additional Q1/2022

Methods

- Immersion
 - 6 Tanks in Production (1 IRT)
 - 5 additional IRT Systems on order
 - Composite and Additive capability
 - Class A, B, and D Approved
- Contact
 - Phased Array Capability
 - Conventional Longitudinal and Sheer





Expanding to 6 IRT Systems

Cincinnati Equipment Upgrades for Eddy Current and Met Lab





Full Capability List and Accreditations





Accreditors

AEROJET ROCKETDYNE

BAE SYSTEMS

BLUE ORIGIN

BOEING DI-4426

GE AVIATION GT-193

FAA

HAMILTON SUNDSTRAND

LOCKHEED MARTIN **AERONAUTICS QCS-001**

LOCKHEED MARTIN SPACE **SYSTEMS**

LOCKHEED MARTIN RMS

MTU AERO ENGINES

NADCAP

PRATT & WHITNEY QA101

PRATT & WHITNEY CANADA

ROLLS-ROYCE UK AEROSPACE

ROLLS-ROYCE INDIANAPOLIS

SPACEX

SAFRAN

SNECMA

































NORTHROP GRUMMAN



























Commercial Applications

Customer	Project	
GE	GE9X – 777 MAX	GESS Social filtre and the state of the stat
GE	LEAP – 737 MAX	SATRAINING



Military Applications

Customer	Project	
Lockheed Martin	F-22 Raptorv	
Lockheed Martin	F-35 Lightning II	
GE	F/A-18 Super Hornet	
GE	F110 Engine	000
GE	T901 Engine	any specific a substitution to the substitutio



Space Applications

Customer	Project	
Metalex	NASA Orion	RION MISTORIAN MISTO
Aerojet Rocketdyne	NASA Artemis	ARTEMIS
Futuramic / Northrop Grumman	OmegA	OMEGA
Department of Defense / Metalex	Trident II	Third stage notice Guidance systems flyer comins Second stage motor First stage motor First stage motor First stage motor Each Trident missile carries multiple nuclear bombs.



TEAM Aerospace Solutions

Your go to for Conventional NDT and Advanced NDT processes of new and MRO parts.

- Expedited Service
- Consistently Met Turn Times
- Innovative and Customized Solutions





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