

TURBINEAERO



Over 35 Years of Global APU MRO Leadership

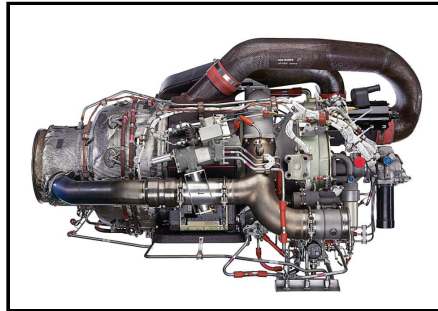


APU MRO Services

With offices located in the United States of America and in Thailand, TurbineAero offers Worldwide maintenance, repair, and overhaul (MRO) for Auxiliary Power Units (APU). With over 30 years of experience and thousands of APUs serviced, TurbineAero is your one stop shop for APU MRO. Whether it is working directly with the APU Manufacturer, the aircraft manufacturer or the aircraft operator, TurbineAero has an industry leading team of engineers and technicians to ensure that every APU receives the same attention to detail and quality as APUs delivered from the factory.

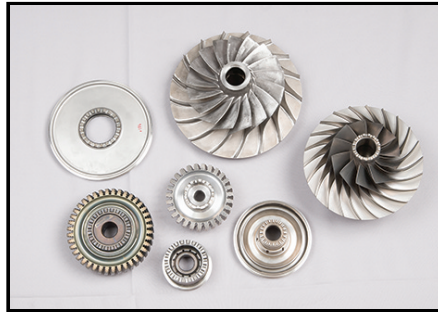
Auxiliary Power Units APU MRO

- The world's largest independent APU MRO facilities
- Worldwide Coverage
- Industry Leading MTBR Results
- Outstanding Warranty record
- World Class Turn Around Time
- Large APU lease pool



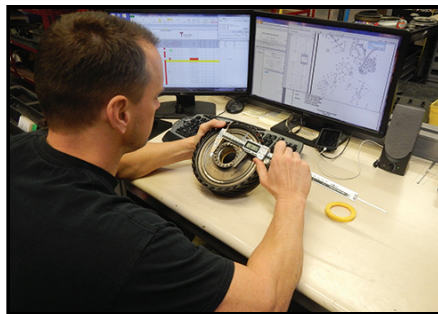
PMA, DER, and OEM APU Repairs

- FAA Approved DER repairs can prevent parts from being scrapped, reduce cost, increase part availability, and provide reliability improvement
- FAA Approved PMA parts can reduce cost versus the OEM and increase part availability



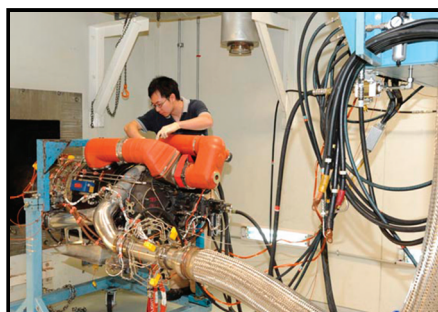
Engineering

- Dedicated team of development engineers and FAA-DER personnel on staff
- Engineering team has developed product improvements over the OEM design
- Engineering team works with suppliers to provide cost savings PMA options for the customer



Test Cells

- Three (3) identical, State-of-the-Art, digital test cells in the United States
- Two (2) identical, State-of-the-Art, digital test cells in Thailand
- Test cells provide complete redundancy
- Ability to triple capacity
- Test cells are "correlated" to all OEM specifications.



AIRCRAFT MODEL	APU OEM	APU MODEL
A320	PWAP	APS3200
A320	HONEYWELL	GTCP131-9 SERIES
B737-600	HONEYWELL	GTCP131-9 SERIES
B737-700	HONEYWELL	GTCP131-9 SERIES
B737-800	HONEYWELL	GTCP131-9 SERIES
A319	PWAP	APS3200
A319	HONEYWELL	GTCP131-9 SERIES
A321	PWAP	APS3200
A321	HONEYWELL	GTCP131-9 SERIES
A330	HONEYWELL	GTCP331-200/500 SERIES
A330	HONEYWELL	GTCP331-350 SERIES
B777	HONEYWELL	GTCP331-350 SERIES
B777	HONEYWELL	GTCP331-500
DC-10	HONEYWELL	TSCP700
B767	HONEYWELL	GTCP331-200/250
B757	HONEYWELL	GTCP331-200/250
MD-80	HONEYWELL	GTCP85
B747-400	PWAP	PW901
C17	HONEYWELL	GTCP331-200/250
A340	HONEYWELL	GTCP331-200/250
A340	HONEYWELL	GTCP331-350 SERIES
MD-11	HONEYWELL	TSCP700
A300	HONEYWELL	GTCP331-200/250
A300	HONEYWELL	TSCP700
A310	HONEYWELL	GTCP331-200/500
B747	HONEYWELL	GTCP331-200/500
A318	PWAP	APS3200
KC-10	HONEYWELL	TSCP700
B747-200	HONEYWELL	GTCP660
B727	HONEYWELL	GTCP85
B747	HONEYWELL	GTCP660
C137B	HONEYWELL	GTCP85
DC-20	HONEYWELL	GTCP85
DC-8-70	HONEYWELL	GTCP85
DC-9	HONEYWELL	GTCP85

www.turbineaero.com

TURBINEAERO



APU MRO Services



Why choose TurbineAero?

2015, 2016, 2017
The145.com APU MRO
Top Shop

Serviced more than
10,000 APU

Serviced more than
200,000 APU Accessories

Over 35 Years of Global
APU MRO Services

TurbineAero has DERs
on staff

TurbineAero's mean time
between shop visit is
greater than the original
equipment
manufacturers reported
fleet times

Development of customized
APU maintenance programs
designed to lower operating
costs and maximize
on-wing reliability

APU line maintenance
training at the TurbineAero
facility

98% Customer Retention

History

TurbineAero was originally founded in 1977 then known as Tiernay Manufacturing.

Tiernay added repair and overhaul capabilities in 1978, which began the R&O service life of today's organization.

The first service work came from overhauling environmental control units for Cobra Helicopters for the US Army. The first APU was a Solar Titian Model T62-T39. Subsequently, the GTCP85 model as added which propelled the Company's growth in both the commercial and military market segments.

In the early 1980's the name was changed to Tiernay Turbines with the development of Tiernay's TT10 APU which also sold to the US military. In 1988, Alco Standard purchased the overhaul portion of the business and re-named it Triumph Air Repair. Then in 1993, Alco sold the R&O division to Triumph Group.

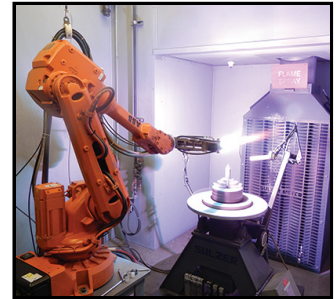
In 1996, Triumph Engines - Tempe joined the Triumph Group and began a campaign of major capabilities expansion including highly engineered component repairs, advanced thermal coatings, and low pressure plasma spray technologies.

About

TurbineAero is the world's leading independent aerospace component maintenance, repair, and overhaul service providers focused on APUs and related products. The businesses provide military, commercial, and regional airline customers with a comprehensive maintenance solution for their legacy and new APU engine models. The combined entity provides global coverage from two modern facilities located in Chandler, Arizona, and Chonburi, Thailand. In addition, it is a provider of hot-section component manufacturing and repair services for original equipment manufacturers, aircraft operators, and repair and overhaul providers, offering extensive and unique capabilities, including complex machining, engineering, inspection, non-destructive testing, and thermal coatings in its Tempe, Arizona facility.

Services

TurbineAero's world class engineering and services capabilities are designed to provide customers with customized solutions, tailored to each customer's unique needs. TurbineAero's operations, engineering and customer services teams strive to provide unique and agile custom solutions for operators of any size, regardless of their needs, with the most flexible pricing and packaging services options in the world.



Certifications:

Regulatory Approvals
Held: FAA, EASA, &
CAAC Part 145

Certifications offered:
FAA Form 8130-3 with /
EASA Dual Release,
CAAC Form AAC-038,
&/OR Certificate of
Conformance

Quality System
Certifications: ISO9001 &
AS9110

In house calibration
services, compliant to
MIL-STD-45662

On-Site NDT Level III
Staff certificated under
NAS 410

Industry leading FOD
prevention and clean as
you go practices

Corporate Headquarters

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Chandler, AZ, 85226
480-824-2700
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Chandler TET Facility - Coatings

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6520 W. Willis Road
Chandler, AZ 85226 USA
(TET - Chandler) • 480-449-5721

Chandler TAR Facility

TurbineAero Repair - Chandler
50 South 56th Street
Chandler, AZ 85226 USA
(TAR - Chandler) • 480-824-2700

Chonburi Thailand Facility

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Chonburi, 20160 Thailand
(TAR - Thailand) • +66 3 846 5070

Tempe Facility

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