



**TURBINEAERO**

Opportunity Thailand 2017  
“Thailand as an MRO Hub”  
February 15, 2017

# Agenda

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- Overview of TurbineAero, Inc.
- Our Thailand/APAC Business
- Why Thailand as an MRO Hub?
  - Thailand Partnership
  - Convenience
  - Customers
  - Certifications/Approvals

# TurbineAero Summary

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- TurbineAero is the world's leading independent APU MRO Services provider enabling maintenance, repair, and overhaul services on all major APU systems, components and LRU's, as well as lease and trading on all APU system and APU component model numbers. TurbineAero additionally provides of hot-section component manufacturing and repair services for OEM's, aircraft operators, and MRO providers, offering extensive and unique capabilities, including complex machining, engineering, inspection, non-destructive testing, and thermal coatings.
- 4 Core Facilities:
  - Chandler, AZ (TurbineAero Repair – Chandler)
  - Tempe, AZ (TurbineAero Engines Tecnics – Tempe)
  - Chandler, AZ (TurbineAero Engines Tecnics – Chandler)
  - Chonburi, Thailand (TurbineAero Repair – Thailand)
- Approximately \$100M USD in annual revenues
- 200+ Employees
- Over 10,000 APU's and 200,000 accessories serviced.



# TurbineAero Structure

## Corporate Headquarters

TurbineAero, Inc.  
50 South 56<sup>th</sup> Street  
Chandler, AZ, 85226

### Chandler TAR Facility

TurbineAero Repair –  
Chandler  
50 South 56th Street  
Chandler, AZ 85226  
USA

### Tempe TET Facility

TurbineAero Engines  
Technics – Tempe  
2015 W. Alameda Drive  
Tempe, AZ 85282  
USA

### Chandler TET Facility

TurbineAero Engines  
Technics – Chandler  
Chandler 6520 W. Willis  
Chandler, AZ 85282  
USA

### Chonburi Thailand

TurbineAero -  
Thailand  
700/160 Moo 1  
Chonburi, 20160  
Thailand



# TurbineAero Executive Team

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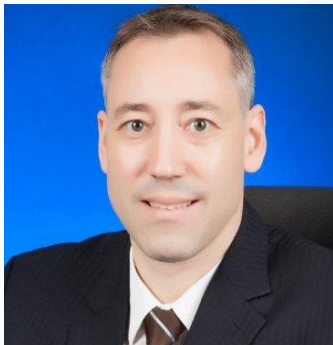
Guy LaRosa  
Vice President & GM, TAR



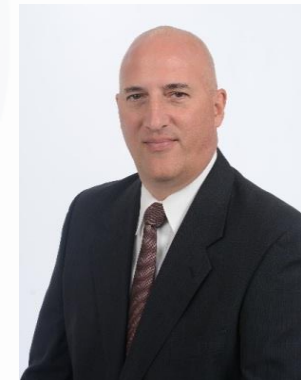
Rob Higby  
Chief Executive Office



Shelby Griffin  
Vice President & GM, TET



Peter Gille  
Vice President & GM, TAR - Thailand



John Chalaris  
CFO

# Thailand Partnership

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Triumph Group and TurbineAero have invested over \$50M USD in a full-service repair and overhaul facility to serve the Asia-Pacific region.

- 22,260+ sq. meter Facility opened in 2006.



# TurbineAero Repair - Thailand

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- **APU Product Line**

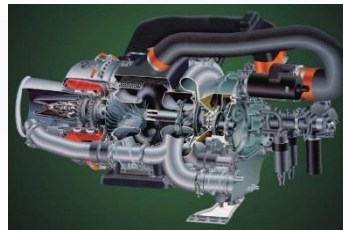
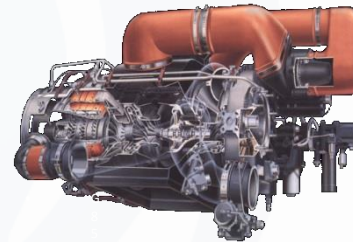
- PW901
- GTCP131-9A/-9B
- GTCP331-350C
- GTCP331-200ER/-250
- TSCP700-4E/-4B/-5
- GTCP660-4
- GTCP85-98DHF/-98CK/-129

- **Repair Product Line**

- **Piece Parts Repair**
  - Heat Blankets
  - APU detail parts
  - Nacelle detail parts
  - CNC machining

- **Accessory Product Line**

- Heat Exchanger
- Oil Coolers
- Surge Control Valves
- **Fuel Control Units**
- Bleed Valves
- **Actuation Units**



# Convenience



- TurbineAeros's facility is located only 30 minutes South-East of the New Bangkok International Airport.
- We are less than 60 minutes from downtown Bangkok.
- Located close to both the international airport and Thailand's primary sea freight port, Laem Chabang.

# Civil Aviation Authority Approval



**388/2549**

**28 Feb 2006**

**Limited Airframe  
Powerplant  
Limited Accessories**



**F06600488**

**07 Jan 2008**

**Powerplant  
Components**



**Federal Aviation  
Administration**

**UAPY522Y**

**18 Dec 2006**

**Limited Airframe  
Limited Accessories**



**Civil Aviation Authority of Singapore**

**AWI / 243**

**29 July 2008**

**B3 & C7**



**EASA.145.0363**

**01 Oct 2008**

**B3, C1, C3, C5, C7, C8, C12,  
C14, C17, C20 & D1**

# Country/DCA Approval



**AO/0148/09**

**21 Jan 2009**

**C1, C5, C6, C7, C9, C12,  
C17, C18, C20 &  
Specialized Services**



**349-F**

**2008**

**Limited Airframe  
Powerplant  
Limited Accessories**



**VN-082NN/CAAV**

**18 Nov 2009**

**Limited Airframe  
Limited Accessories**



**145/61400**

**30 Nov 2006**

**Limited Airframe  
Limited Accessories**



**AI/AL/104**

**2 Feb 2012**

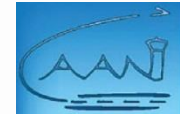
**Limited Airframe  
Limited Accessories**



**AWR/AMO/TASA-147/09**

**26 May 2010**

**Limited Airframe  
Limited Accessories**



**AMO/VAL/74/2010**

**23 Jul 2010**

**Limited Airframe  
Limited Accessories**



**CAA/5534/47/AELD**

**09 Aug 2007**

**Limited Airframe  
Limited Accessories**

# Customer Approval & Standard Certificate



**20 July 2011**

**Repair,  
Maintenance and  
Overhaul of  
Auxiliary Power  
Units, Accessories  
and Structure of  
Aircraft**

**9 Nov 2010**

**Repair,  
Maintenance and  
Overhaul of  
Auxiliary Power  
Units,  
Accessories and  
Structure of  
Aircraft**

**32252-2008-AQ-SNG-  
ANAB Rev.1**

**8 Aug 2008**

**Repair, Maintenance  
and Overhaul of  
Auxiliary Power Units,  
Accessories and  
Structure of Aircraft**

**154498-2014-AQ-SGP-  
ANAB**

**26 June 2014**

**Distribution of Aircraft  
Parts, APU, Accessories  
and Structures  
Components**

**TH 10000254**

**22 Apr 2010**

**Repair, Maintenance  
and Overhaul of  
Auxiliary Power  
Units, Accessories  
and Structure of  
Aircraft**

# Thank You!!!

## Questions?



[www.turbineaero.com](http://www.turbineaero.com)