

AEROCORE GROUP



AEROCORE GROUP

AEROCORE **X** — HEAT EXCHANGER RECORES

AEROCORE **E** — ENGINEERING AND MANUFACTURING

AEROCORE **T** — TURBINE/ACM REPAIR *COMING SOON*

PROPRIETARY

All information contained herein is Proprietary, the exclusive property of AeroCore X, LLC and may not be divulged to any third party in whole or in part, without express written permission

AEROCORE

AEROCOREX

HEAT EXCHANGER RECORE SPECIALIST

RECORE & REPAIR

ON ALL TYPES OF HEAT EXCHANGERS

- OIL COOLERS
- FUEL HEATERS
- AIR TO AIR
- LIQUID TO AIR



PROPRIETARY

All information contained herein is Proprietary, the exclusive property of AeroCore X, LLC and may not be divulged to any third party in whole or in part, without express written permission

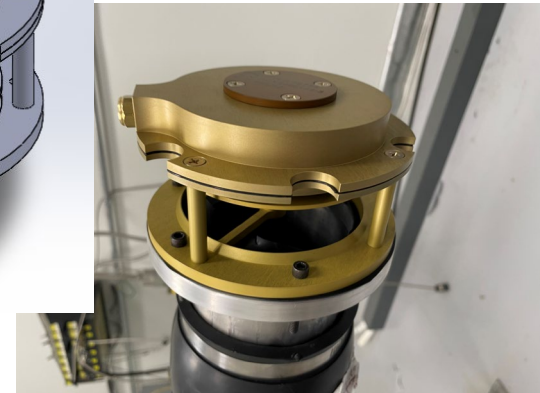
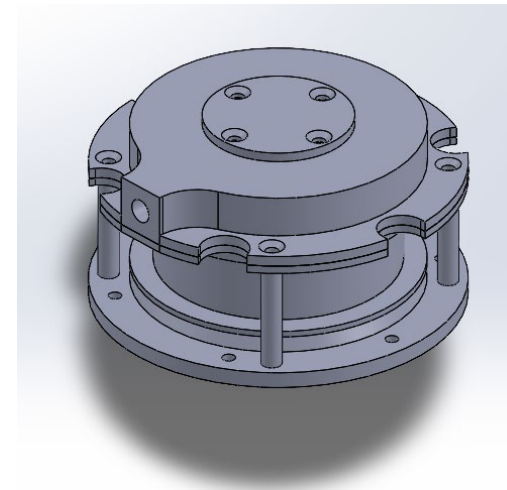
AEROCORE

AEROCORE

ENGINEERING AND MANUFACTURING

DESIGN TO MANUFACTURING

- Full engineering design capabilities
- Small Quantity Manufacturing
- Full testing capabilities



We solve the obsolete parts issues by providing full life cycle management from design, manufacture, or repair.

PROPRIETARY

All information contained herein is Proprietary, the exclusive property of AeroCore X, LLC and may not be divulged to any third party in whole or in part, without express written permission

AEROCORE

AEROCORE T

TURBINE REPAIR

TURBINE- AIR CYCLE MACHINE

Turbine and Air Cycle Machine

- *Repair and Overhaul*
- *Air valve repair*
- *ECS pack repair*
- *All pneumatics*

COMING SOON



PROPRIETARY

All information contained herein is Proprietary, the exclusive property of AeroCore X, LLC and may not be divulged to any third party in whole or in part, without express written permission

AEROCORE

Repair Shop



- 3 Air test cells
- 2 Hydraulic test benches
- 2 Fuel /oil test benches
- 1 Oil valve test bench
- 1 High Flow Fuel test bench



- Welding –AWS D17.1
- Small Machine shop
- 3D Printing
- Material Analysis
- Sheet metal fab
- Laser cutting/etching

PROPRIETARY

All information contain herein is Proprietary, the exclusive property of AeroCore X, LLC and may not be divulged to any third party in whole or in part, without express written permission

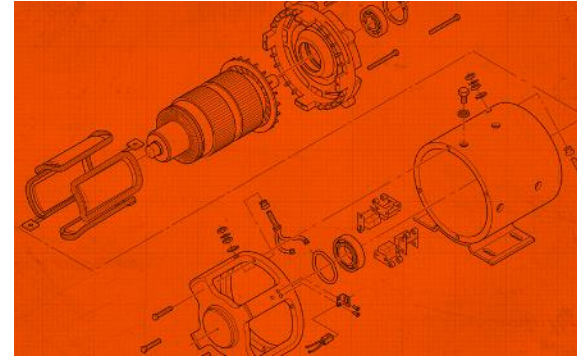
AEROCORE

AEROCORE

ENGINEERING AND MANUFACTURING

AeroCore E offers a wide range of engineering services to solve your ever-growing problems in the aviation industry. We provide reverse engineering, manufacturing, and/or repair development for:

- No-bids/ OEM obsolescence
- Repair Development
- Cost reduction
- Redesigns for corrective action/Reliability
- Modification programs
- Testing Services
- DER repairs
- Additive/3d printing



PROPRIETARY

All information contained herein is Proprietary, the exclusive property of AeroCore X, LLC and may not be divulged to any third party in whole or in part, without express written permission

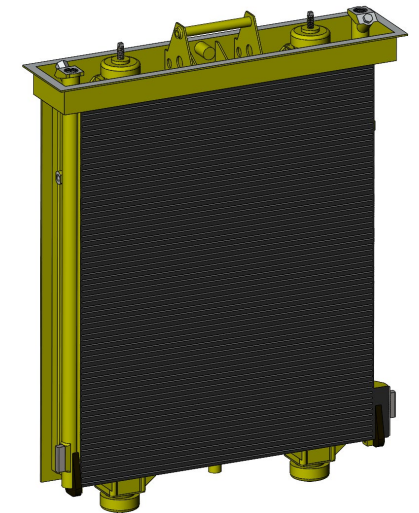
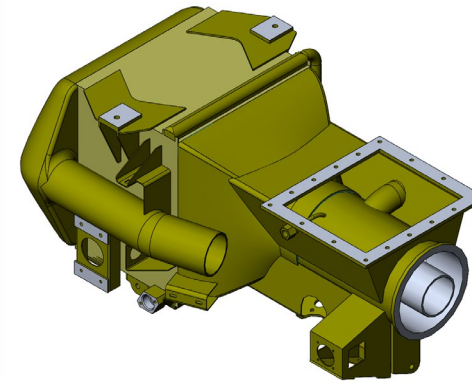
AEROCORE

AEROCORE^E

ENGINEERING AND MANUFACTURING

Projects- B-2 Heat Exchangers

- Reverse engineer and remanufacture
- No OEM data
 - Developed the data set
 - Verified data set
- 18 months contract –completed 14 months



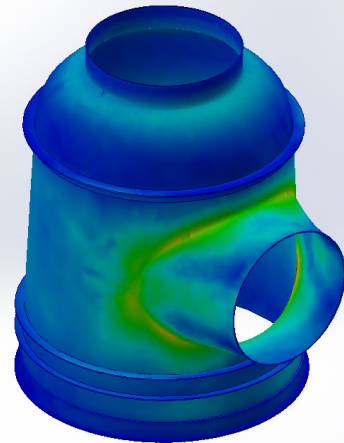
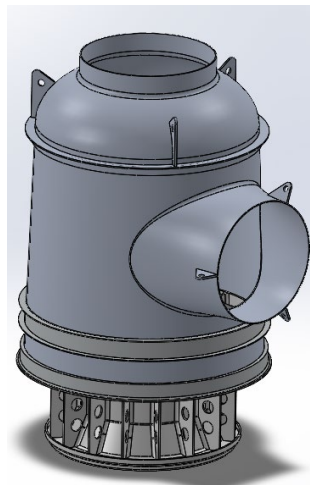
PROPRIETARY

All information contained herein is Proprietary, the exclusive property of AeroCore X, LLC and may not be divulged to any third party in whole or in part, without express written permission

AEROCORE

Projects- B-1 Water Separator Reverse Engineer

- Original fiberglass composite
- Convert to metal
- Additive internal structure
 - Bonding additive to metal



PROPRIETARY

All information contained herein is Proprietary, the exclusive property of AeroCore X, LLC and may not be divulged to any third party in whole or in part, without express written permission

Additive Manufacturing

- In House capability
 - Multiple Thermoplastics
 - Metal-coming soon
- Engineer the unit for additive



What makes us different????

1. Engineer the part for the process
2. Develop unique property verification process
3. Conduct qual testing and process testing

PROPRIETARY

All information contained herein is Proprietary, the exclusive property of AeroCore X, LLC and may not be divulged to any third party in whole or in part, without express written permission

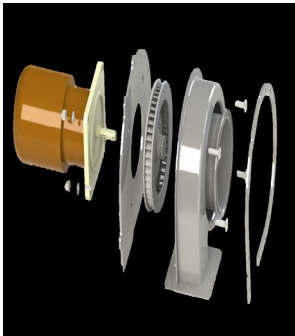
Manufactured Components

- Heat Exchangers
 - Fuel to oil
 - Liquid to air
 - Oil to air
 - Air to air
- Valve components
 - Piston rings
 - Insulators
 - Diaphragms
 - Seals
- ACM Nozzle
- Electrical Conduit
- Transient Suppressor
- Flap Force Transducer
- DC-Electric motor
- Air speed sensor RE
- Structure ribs/panels
- Fans
- Thermal elements
- Landing gear strut
- Ducting
- Fans

AEROCORE

ENGINEERING AND MANUFACTURING

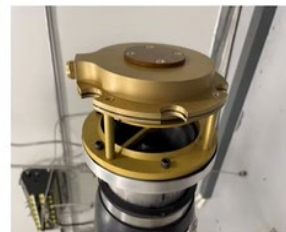
Manufactured Components-Continued



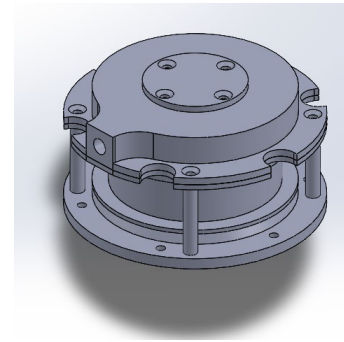
A-10 Heat shield



IDG cooler housing



Pressure Relief Valve



Carbon seals



PROPRIETARY

All information contained herein is Proprietary, the exclusive property of AeroCore X, LLC and may not be divulged to any third party in whole or in part, without express written permission

AEROCORE

AEROCORE GROUP

Platforms Supported

Military

- ***F-18***
- ***C-130***
- ***F-16***
- ***F-5***
- ***F-15***
- ***B-1B***
- ***E-3A***
- ***E-6***
- ***P-3***
- ***UH-60***
- ***CN-235***
- ***A-10***
- ***T-38***
- ***B-52***
- ***K-8***
- ***B-2***
- ***CH-47***

Commercial

- ***Airbus:*** A300, A310, A318, A319, A320, A321, A330, A340
- ***Airbus Casa:*** 212, CN235, CN295
- ***ATR:*** 42, 72
- ***Boeing:*** Most Models
- ***Bombardier:*** DHC-7, DHC-8, CRJ Series,
- ***Embraer:*** All Models

PROPRIETARY

All information contained herein is Proprietary, the exclusive property of AeroCore X, LLC and may not be divulged to any third party in whole or in part, without express written permission

AEROCORE

AEROCORE GROUP

Certifications Held

- FAA/EASA certified repair station
- AS9100/ISO9001
- Pratt and Whitney
- Parker/Meggitt
- ITAR registered



MEGGITT

PROPRIETARY

All information contained herein is Proprietary, the exclusive property of AeroCore X, LLC and may not be divulged to any third party in whole or in part, without express written permission

AEROCORE

AEROCORE GROUP

Contact Us

Info: www.aerocorex.com

RFQ: sales@aerocorex.com

Phone: (405) 669-8655

PROPRIETARY

All information contained herein is Proprietary, the exclusive property of AeroCore X, LLC and may not be divulged to any third party in whole or in part, without express written permission

AEROCORE