

Brought to you by
AirCorps Aviation



Offices:
Bemidji, MN
Twin Cities, MN

ABOUT AEROSCAN / AIRCORPS:

Aeroscan is a division of AirCorps Aviation, LLC. AirCorps is world renowned for its historical aircraft restorations. Our specialized fabrication capabilities developed a machine shop and reverse engineering team that now provides aircraft integrations, modifications and repairs as outside services. Our adherence to the FAAPMA Quality System, range of capabilities, and exacting detail are evident in the award-winning work for which AirCorps is known.

SHOP HIGHLIGHTS:

- 10,000 sq. ft. Machine shop
- 9,500 sq. ft. assembly & finishes facility

INDUSTRY CERTIFICATIONS:

- FAA PMA Quality System # PQ4274C
- FAA Certified Repair Station # 80RR202D

CONTACT INFO:

HEADQUARTERS (FABRICATION)

1259 Exchange Ave SE
Bemidji, MN 56601
Main: 218.444.4478
www.aircorpsaviation.com

SALES OFFICE

Blaine, MN 55434
Stefan Hokuf
Fabrication Sales Manager
Direct: 763.783.3646
stefanh@aircorpsaviation.com

CAPABILITY STATEMENT: 3D SCANNING SERVICES & SOLUTIONS

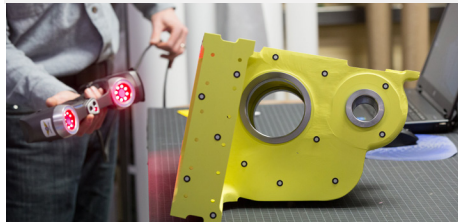
EXECUTIVE SUMMARY

Aeroscan offers full service 3D scanning for reverse engineering and or inspections, specific to the aerospace industry. In addition, specialized, in-house services include full service, build-to-print, metal forming, CNC machining, heat-treating, chemfilm, welding, painting and inspections delivered through an FAA PMA quality system.

CORE CAPABILITIES

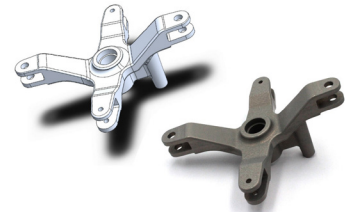
IN-HOUSE SERVICES

- Portable hand-held 3D laser scanning
- Reverse engineering
- Editable 3D CAD model development
- Legacy 2D drawing to 3D CAD model conversion
- 3D Scan to CAD model inspection
- Manufacturing drawing design
- CAD model rendering
- Scanning parts to entire aircraft



IN-HOUSE SOLUTIONS

- Metal forming - Press, Stretch/Shrink, Drop Hammer
- CNC Machining/ Milling - 3, 4 & 5 axis
- Inspection & Quality Assurance System
- Heat Treatment - AMS 2770
- Tooling design & fabrication
- Fixture design & fabrication
- Assemblies
- Finishes - Paint & Chemfilm
- Welding - TIG & aluminum spot welding



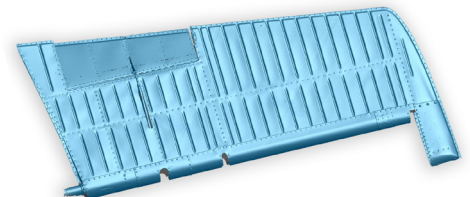
KEY DIFFERENTIATORS

- Experienced in aviation / aerospace applications
- Single source supplier for reverse engineering through part fabrication
- Legacy aircraft documentation experience
- Experienced management and production team
- Emphasis on highest quality deliverable



PRIMARY CLIENTELE LIST

- Dassault Falcon Jet
- Carlisle Interconnect Technologies
- Elbit Systems/ M7 Aerospace
- Dynamic Aviation
- The Spaceship Company/ Virgin Galactic
- Yulista Tactical
- Basler Turbo Conversions
- Performance Repair Group





AIRCORPS AVIATION



Offices:
Bemidji, MN
Twin Cities, MN

ABOUT AIRCORPS:

The AirCorps fabrication team specializes in the use of traditional and state-of-the-art methods to manufacture and produce aircraft parts. Our adherence to the FAA PMA Quality System, range of capabilities, and exacting detail are evident in the award-winning work for which AirCorps is known.

SHOP HIGHLIGHTS:

- 10,000 sq. ft. Machine shop
- 9,500 sq. ft. assembly & finishes facility

INDUSTRY CERTIFICATIONS:

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CAPABILITY STATEMENT: CONTRACT MANUFACTURING SERVICES & SOLUTIONS

EXECUTIVE SUMMARY

AirCorps Aviation offers full service, build-to-print, metal forming, CNC machining, part manufacturing for the aerospace industry. AirCorps is also a Certified FAA Repair Station. In addition, specialized, in-house services include, reverse engineering/CAD, heat-treating per AMS 2770, chemfilm, welding, painting and inspections through an FAA PMA quality system.

CORE CAPABILITIES

IN-HOUSE SERVICES

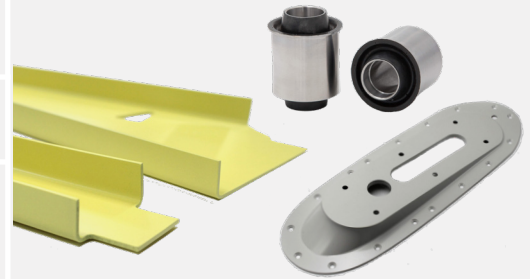
- Metal forming - Press, Stretch/Shrink, Drop Hammer
- CNC Machining/ Milling - 3, 4 & 5 axis
- Inspection & Quality Assurance System
- Heat Treatment - AMS 2770
- Tooling design & fabrication
- Fixture design & fabrication
- Assemblies
- Finishes - Paint & Chemfilm
- Welding - TIG & aluminum spot welding

EXPERIENCED MANAGED PROCESSES

- Castings & Forgings
- Finishes - Anodize, Cadmium, Electropolish, plus more

IN-HOUSE SOLUTIONS

- 3D Scanning & reverse engineering
- CAD / CAM design & programming
- Coordinate measuring machine inspections
- Research & Development
- Large project management
- FAA Certified Repairs
- FAA Parts Manufacturing Approvals (PMA)
- Rare parts sourcing



KEY DIFFERENTIATORS

- Single source supplier for multi-process part types
- Legacy aircraft documentation experience
- Experienced management and production team
- Interest in low to medium volume quantities
- Emphasis on highest quality deliverable



PRIMARY CLIENTELE LIST

- Dassault Falcon Jet
- Carlisle Interconnect Technologies
- Elbit Systems/ M7 Aerospace
- Dynamic Aviation
- The Spaceship Company/ Virgin Galactic
- Yulista Tactical
- Basler Turbo Conversions
- Performance Repair Group

