

F-16 Heat Exchanger Capabilities

Increased Efficiencies and Significant Cost Savings



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Military F-16 Heat Exchangers

Increased Efficiencies and Significant Cost Savings for Military Aircraft

Wall Colmonoy Aerobrazed overhauls and recores Primary/Secondary Heat Exchangers for F-16 Military fighter jets. In the 1990s, Wall Colmonoy developed the Overhaul / Re-Core process for the US Air Force (USAF) and is a USAF Approved Contractor.

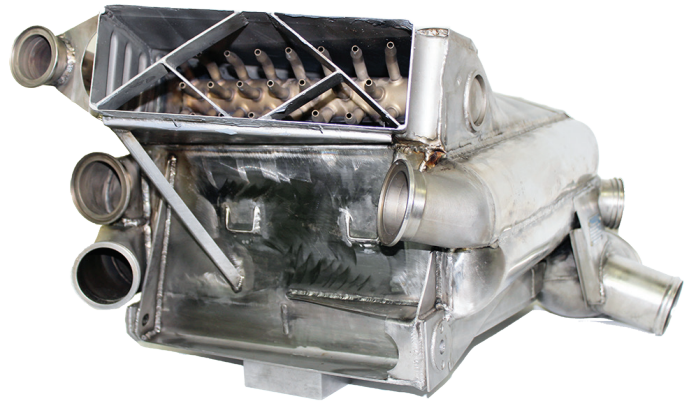
Wall Colmonoy Aerobrazed's brazing and manufacturing expertise has resulted in increased efficiencies and significant cost savings in maintaining and extending the life of critical F-16 operations for the USAF, MROs and other Foreign Military Services (FMS).

Building Cores is our Core

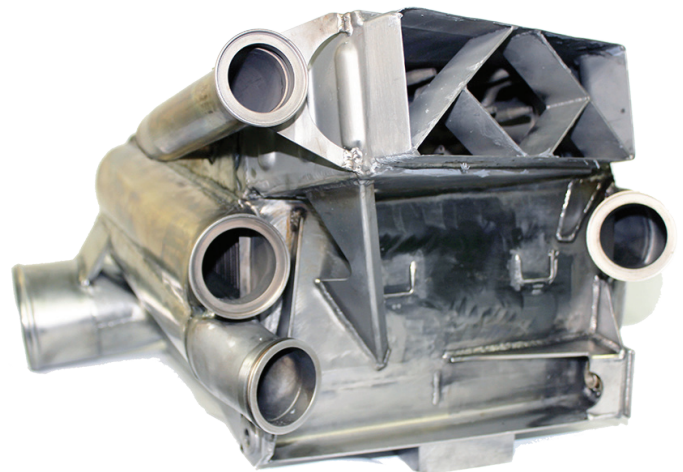
Capabilities include in-house manufacturing of all core details including fin material, high volume capacity for Inconel cores, and shelf stock inventory of ready-to-use replacement cores to support quick turnaround times for the Foreign Military Service Community. Overhaul / Re-Core pricing for FMS users available upon request.

- High volume capacity for Inconel Cores
- In-House manufacturing of all core details, including fin material
- Overhaul / Re-Core IAW T.O. 15A4-85-3 and USAF Approved Re-Core Process
- Pricing for FMS Users Available Upon Request

Description	Part Number	NSN
Primary / Secondary Heat Exchanger	764967-7	1660-01-331-0068
Primary / Secondary Heat Exchanger	764967-5	1660-01-046-0943



*Primary / Secondary Heat Exchanger
P/N 764967-7
NSN 1660-01-331-0068*



*Primary / Secondary Heat Exchanger
P/N 764967-5
NSN 1660-01-046-0943*

F-16 Primary / Secondary Heat Exchangers Overhaul / Remanufacture

Wall Colmonoy Aerobrazo specializes in the manufacture and overhaul of Fin & Plate and Tubular Type Heat Transfer Products for F-16 Stainless Steel / Inconel Heat Exchangers.

Assemblies manufactured and overhauled to meet stringent U.S. military requirements including operation under environmentally extreme conditions from -65 to 1650°F (-54 to 900°C) and complex non-military applications. Corrosion durable assemblies resist cracking and failure over long-term use.

Wall Colmonoy Aerobrazo's process capabilities for heat transfer products include reverse engineering; in-house fin manufacturing; in-house metal stamping and forming; and in-house brazing and heat treating.

Capabilities

Repair, Overhaul / Re-core and Test

- New Manufacture
- Overhaul / Re-Core
- Core Manufacture
- Reverse Engineering

Pioneers and Today's Leading Experts

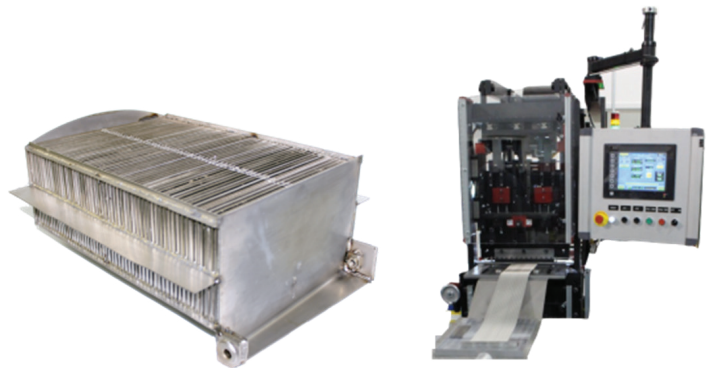
Wall Colmonoy developed the very first heat exchanger overhaul procedure for the US Air Force. Prior to that in the 1950s, Wall Colmonoy invented Nicrobraz[®], a nickel-based brazing filler metal, and pioneered high temperature furnace brazing. Today, Nicrobraz[®] is used extensively in heat exchanger manufacture and overhaul.

Wall Colmonoy Aerobrazo continues to develop its brazing and manufacturing expertise resulting in increased efficiencies, significant cost savings and performance improvements.

For inquiries, email aet@wallcolmonoy.com



Wall Colmonoy developed the overhaul / re-core process for the USAF and is an approved contractor.



In-House manufacturing of all core details, including fin material.



The information provided herein is given as a guideline to follow. It is the responsibility of the end user to establish the process information most suitable for their specific application(s). Wall Colmonoy Corporation (USA) assumes no responsibility for failure due to misuse or improper application of this product, or for any incidental damages arising out of the use of this material.



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