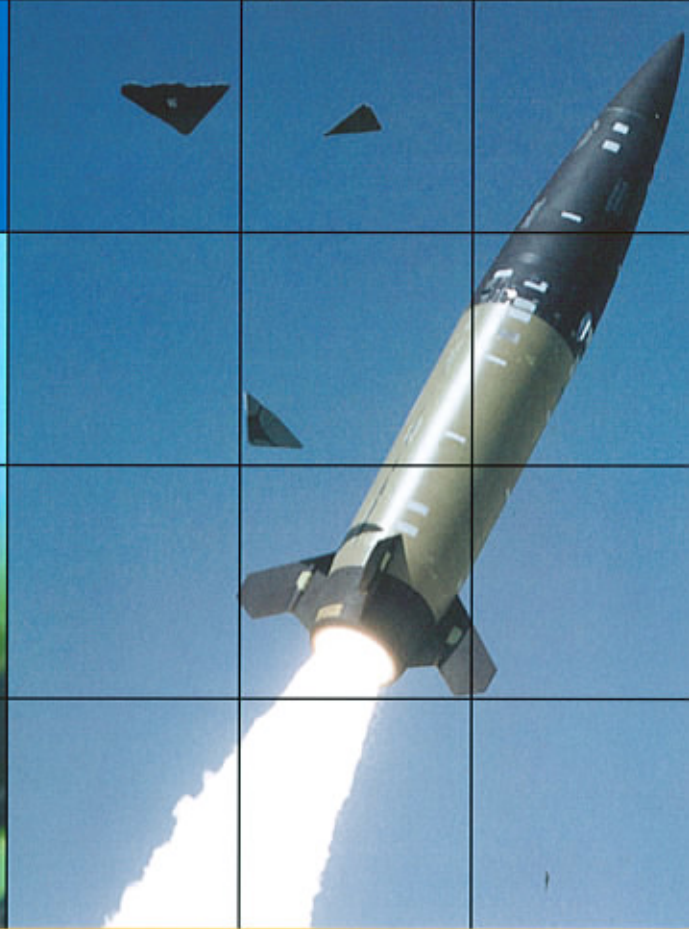
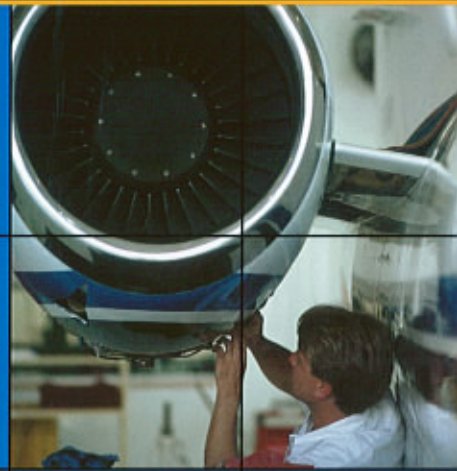


A V I A T I O N

Precision.  
Quality.  
**Spincraft.**



**Hardware Solutions  
for Aviation Challenges**

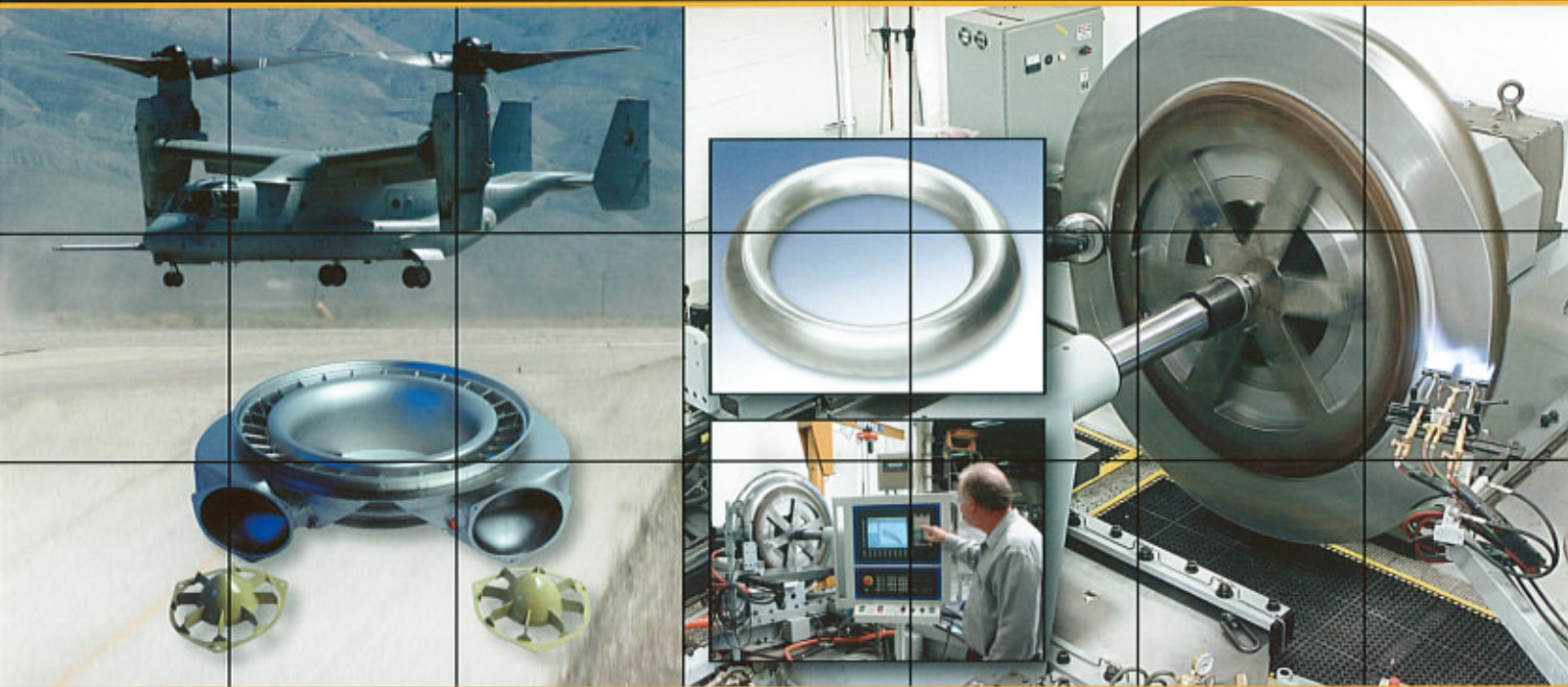


**Spincraft**<sup>®</sup>  
Boston / Milwaukee

A Standex Company

[www.spincraft.net](http://www.spincraft.net)

Precision. Quality. **Spincraft.**



## Engineered Customer Solutions

Spincraft's unique metalworking technologies are an asset to the aviation and missile hardware industries. Advanced metal spinning capabilities and unique cost-saving solutions enable Spincraft to produce the most reliable, cost-effective components available. Bell/Boeing's V22 Osprey, Canadair's Regional jet, Global Express, and Embraer 190 regional jets all rely on Spincraft technology. Our superior aviation product line includes jet engine nacelle lipskins, combustion liner assemblies, aft centerbodies, engine cowls, cases, support rings and missile nose cone and tail cone assemblies. When you need precision-engineered metal components, **Spincraft is your solution.**

## Leading the Aviation Industry in Metal-working Solutions

### Our Products

*High Performance, Precision-Fabricated Metal Components and Assemblies*

- Pressure bulkheads
- Nacelle inlets
- Combustion liners
- Air particle separators
- Anti-icing assemblies (Piccolo tube)
- Burner cans
- Thrust reverser skins

### Missiles, Target Vehicles, Military & Defense Programs

Spincraft's forming process is ideal for creating missile housing assemblies and target vehicles. Our extensive experience in providing hardware for major missile programs includes processes that are inherently cost effective with proven reliability offers. Nose cone centerbodies, for example, are spun from a single sheet to their final shape without the need for further polishing or preparation of the surface.



Engine Components



Titanium Exhaust Liners



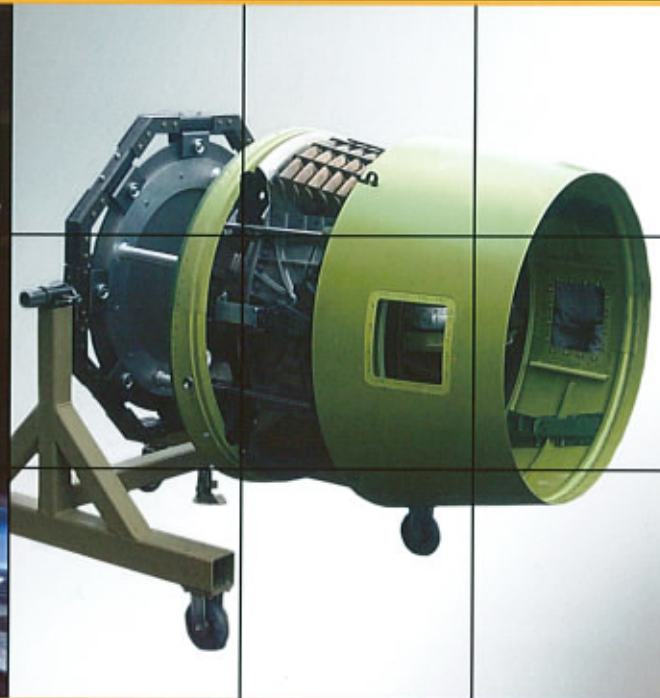
Combustion Liner Assemblies



Centerbody Exhaust

For more information, visit: [www.spincraft.net](http://www.spincraft.net)

# Hardware Solutions for Aviation Challenges



## Our Process

*Complete, Integrated Engineering from Initial Design to Final Product*

- Design and manufacturing expertise in virtually all metals and alloys
- Highly advanced forming, fabricating, and metal spinning capabilities
- Heat treating, machining, welding, expanding, and press forming
- In-process monitoring and rigorous inspections every step of the way
- Design for manufacturability, non-destructive testing capabilities, and spinning of "single-piece clad" lipskins
- Part count reduction program
- Ability to handle coating or chemical processing (anodize, alodine, priming) through approved vendors

## Our Team (Integrated Design Development)

*Experts in the Fields of High Performance Metal Working*

- Engineers experienced in project management from conception through completion
- The most highly skilled operators in the precision manufacturing industry
- A staff committed to dynamic and responsive customer service

## Our Reputation

*Established in 1918 and Still Growing Strong*

- A successful track record of reliable metal-working solutions
- Able to meet the most demanding production requirements
- Competitive pricing and on-time delivery every time
- AS 9100 Certified, ISO 9001:2000 Registered
- STAR supplier for Lockheed Martin
- Preferred supplier for Boeing



Jet Engine Nacelle Lip Skins



Exhaust Plug & Nozzle



Single Piece Construction Pressure Bulkheads



Missile Nose Cone Assemblies

For more information, visit: [www.spincraft.net](http://www.spincraft.net)



#### Massachusetts

500 Iron Horse Park  
North Billerica, MA 01862  
Phone: (978) 667-2771  
Fax: (978) 667-3899



#### Wisconsin

2455 Commerce Drive  
New Berlin, WI 53151  
Phone: (262) 784-8440  
Fax: (262) 784-8463

## Spincraft Delivers

Spincraft has invested heavily in the facilities and people needed to produce high-quality, precision-fabricated aviation solutions. We are staffed with engineering and metal-working experts trained in all phases of program development and delivery to ensure your products perform reliably and optimally.

Founded in 1918, Spincraft's legacy of delivering innovative metal-working solutions is ingrained in the growth of the aviation industry. Today, we are ISO 9001 Registered, AS 9100 and Nadcap Certified and growing in capacity and capability to meet ever-expanding demands.

Our process and techniques ensure that all products leaving our shop meet the highest standards, increasing their reliability and value to you, our customers. As a result, Spincraft products come as close to perfection as possible.



[www.spincraft.net](http://www.spincraft.net)

## Spincraft...

*The Only Things We Can't Fabricate  
are Our Success Stories*