

Supply Chain

## To Infinity and Beyond: Aerospace Opportunities in Manufacturing Take Off

Don Sears | Dec 19, 2017

Aerospace and defense are a major economic force in global manufacturing and are powered, in part, by the metalworking parts-making industry. Take a look out our infographic to get the details.

Metalworking and original equipment manufacturing shops: Take notice. Whether you are a subcontractor or a major aviation and defense player, aerospace has a positive long-term outlook on revenue, earnings and jobs. Demand for commercial air travel and an expected rise in defense spending is *fueling global growth* in aerospace, according to PwC.

"We expect this combination of a growing consumer base and low operating costs to benefit the aerospace components manufacturers and the OEMs well into the future," *describes* Michael Guckes, chief economist for Gardner Intelligence, in a Modern Machine Shop article.

Want to learn more about opportunities, innovations and emerging materials being used in aerospace? *See below.*

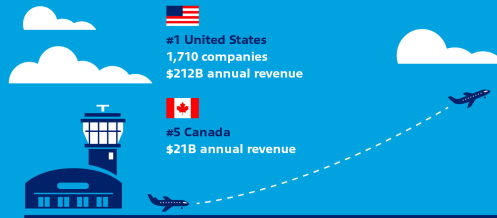
# To Infinity and Beyond

Aerospace Opportunities in Manufacturing Take Off

In the United States, the aerospace industry continues to grow. It's a critical opportunity area for metalworking parts manufacturers.

## We're #1:

U.S. Is Largest Aerospace Manufacturer



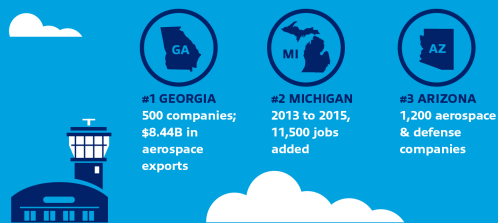
## There's More to Come

U.S. Commercial Fleet Outlook Trending Upward



## 3 Regions Lead the Way

These States Are Major Hubs

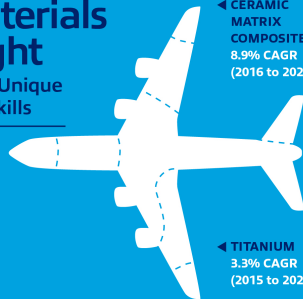


## New Materials Take Flight

Drives Need for Unique Metalworking Skills

### COMPOSITE MATERIALS

\$3.9B  
5.3% Compound Annual Growth Rate (2017 to 2022)



CERAMIC MATRIX COMPOSITES  
8.9% CAGR (2016 to 2021)

TITANIUM  
3.3% CAGR (2015 to 2020)

## U.S. Military Might

Defense Growth Returns



SOURCES: PwC, 2017; PwC, 2017; FAA, 2017; PwC, 2017; AIA, 2016; Lucintel, 2015, 2016, 2017; Deloitte, 2017

## Spotlight on Aerospace

Here are the top articles and videos on aerospace, defense and metalworking for the industry on Better MRO:

***4 Aerospace Materials That Are Taking Off***

***The Pros and Cons of Advanced Ceramics***

***Video: What is a Composite Technician?***

***Cutting Challenges: Mixed Matrix Composites and Fiber-Reinforced Composites***

***Composites Machining and the Search for Better Cutting Tools***

***Ask an Expert: Manufacturing and Machine Cutting Tips***

***From the Shop Floor to the Top Floor***

***Is your shop taking advantage of the opportunities in aerospace? Share your story.***

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