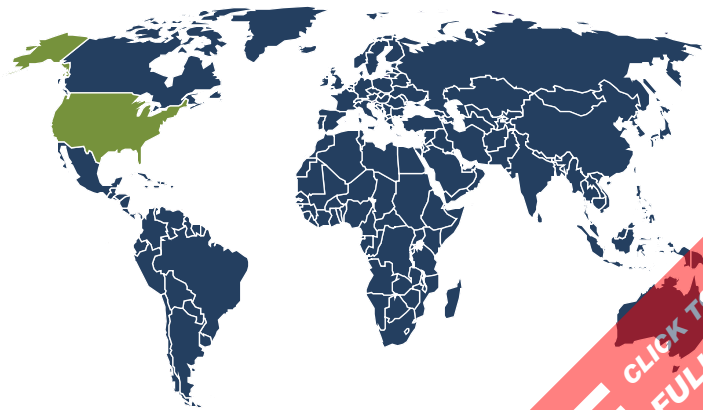




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Civil Aircraft: United States

May 2017



Highlights

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Industry Structure

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About This Report

Scope & Method

This report forecasts US civil aircraft shipments and demand in US dollars at the manufacturers' level to 2021. Total shipments are segmented by product in terms of:

- transport jet
- business jet
- helicopter
- turboprop
- piston.

The scope of this report covers new, completed civil aircraft. Excluded are sales of used aircraft as well as sales of individual engines and other parts. Unpowered aircraft, unmanned aerial vehicles (or drones), military aircraft, and space vehicles are also excluded.

To illustrate historical trends, total shipments, total demand, the various shipment segments, and trade are provided in annual series from 2006 to 2016.

This report quantifies trends in various measures of growth and volatility. Growth (or decline) expressed as an average annual growth rate (AAGR) is the least squares growth rate, which takes into account all available datapoints over a period. The volatility of datapoints around a least squares growth trend over time is expressed via the coefficient of determination, or r^2 . The most stable data series relative to the trend carries an r^2 value of 1.0; the most volatile – 0.0. Growth calculated as a compound annual growth rate (CAGR) employs, by definition, only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the expected trend beginning in the base year and ending in the forecast year. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

Key macroeconomic indicators are also provided with quantified trends. Other various topics, including profiles of pertinent leading suppliers, are covered in this report. A full outline of report items by page is available in the Table of Contents.

Sources

Civil Aircraft: United States (FF85011) represents the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources including:

- firms participating in the industry, and their suppliers and customers
- government/public agencies

About This Report

- national, regional, and international non-governmental organizations
- trade associations and their publications
- the business and trade press
- indicator forecasts by The Freedonia Group
- the findings of other reports and studies by The Freedonia Group.

Specific sources and additional resources are listed in the Resources section of this publication for reference and to facilitate further research.

Industry Codes

Table 9 | Industry Codes Related to Civil Aircraft

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
336411	Aircraft Manufacturing	3721	Aircraft
336412	Aircraft Engine and Engine Parts Manufacturing	3724	Aircraft Engines and Engine Parts
336413	Other Aircraft Parts and Auxiliary Equipment Manufacturing	3728	Aircraft Parts and Auxiliary Equipment, NEC

Source: US Census Bureau

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Resources

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Freedonia Industry Studies

Fiber-Reinforced Plastic Composites Market in the US, January 2017

World Motorcycles, October 2016

High Performance Composites, August 2016

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Industrial Castings: United States

Metal Stampings: United States

Motor Vehicles: United States

Public Transport: United States

Sheet Metal: United States

Shipbuilding: United States

Titanium: United States

Transport Equipment: United States

Water Transport Services: United States

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General Aviation Manufacturers Association

Helicopter Association International

International Air Transport Association

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Regional Airline Association

United Nations

International Civil Aviation Organization

United States Census Bureau

United States Department of Transportation

Bureau of Transportation Statistics

Federal Aviation Administration

United States International Trade Commission