

Civil Aviation Market for Connectors

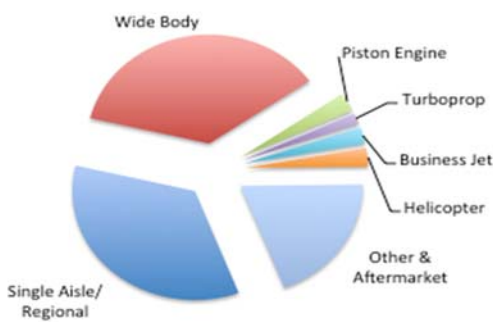
**Research Report M-4100-16
January 2016**



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Report No: M-4100-16
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Bishop and Associates Inc. announces the release of a new five chapter, 179 page research report providing both qualitative and quantitative analysis of the global civil aviation market for connectors. Comprised of the commercial aviation and general aviation markets, as well as the aftermarket (MRO) and the commercial markets for drones, UAVs and spacecraft, the civil aviation industry is a very dynamic, challenging industry that drives a large ecosystem of industries and companies around the globe.



Industry connector sales for the years 2013, 2014, 2015E, and 2020F are provided for each aviation market segment. Market segments have been sub-divided by product type and global region.

The commercial aviation market is by far the most dominant market segment in the civil aviation industry and represents approximately 70% of total connector consumption in the industry. In 2014 there were an estimated 21,600 aircraft in service for commercial aviation, and according to forecasts by Boeing and Airbus, an estimated 35,000 to 38,000 new aircraft will be needed over the next 20-years.

Commercial Aviation 2013 to 2015E with Percent Change

| Product Type | 2013 | 2014 | Percent Growth | 2015E | Percent Growth |
|----------------------|----------------|----------------|----------------|----------------|----------------|
| PCB | \$XX.X | \$XX.X | Y.Y% | \$XX.X | Y.Y% |
| Rectangular I/O | \$XXX.X | \$XXX.X | Y.Y% | \$XXX.X | Y.Y% |
| IC Sockets | \$X.X | \$X.X | Y.Y% | \$X.X | Y.Y% |
| RF Coax | \$XX.X | \$XX.X | Y.Y% | \$XX.X | Y.Y% |
| Circular | \$XXX.X | \$XXX.X | Y.Y% | \$XXX.X | Y.Y% |
| Telephone/Telecom | \$X.X | \$X.X | Y.Y% | \$X.X | Y.Y% |
| Fiber Optic | \$XX.X | \$XX.X | Y.Y% | \$XX.X | Y.Y% |
| Terminal Blocks | \$XX.X | \$XX.X | Y.Y% | \$XX.X | Y.Y% |
| Heavy Duty | \$X.X | \$X.X | Y.Y% | \$X.X | Y.Y% |
| Power/High Voltage | \$X.X | \$X.X | Y.Y% | \$X.X | Y.Y% |
| Application Specific | \$XX.X | \$XX.X | Y.Y% | \$XX.X | Y.Y% |
| Other Connectors | \$XX.X | \$XX.X | Y.Y% | \$XX.X | Y.Y% |
| Total | \$XXX.X | \$XXX.X | Y.Y% | \$XXX.X | Y.Y% |

For connector manufacturers the most relevant applications in the commercial and general aviation segments are related to:

- Aircraft Engines
- Airframes – EWIS
- Avionics and Control Systems
- Interiors and In-flight Entertainment
- Landing Gears

The industry is highly regulated and awash with technical requirements and industry standards, making this a market with relative high entry barriers for newcomers. There are also connector designs, e.g. ARINC, used specifically in aviation applications.

| Connector Volume by Type | 2015E | 2020F | 5-Year CAGR |
|--------------------------|----------------|----------------|-------------|
| Single Aisle/Regional | \$XXX.X | \$XXX.X | Y.Y% |
| Wide Body | \$XXX.X | \$XXX.X | Y.Y% |
| Piston Engine | \$XX.X | \$XX.X | Y.Y% |
| Turboprop | \$XX.X | \$XX.X | Y.Y% |
| Business Jet | \$XX.X | \$XX.X | Y.Y% |
| Helicopter | \$XX.X | \$XX.X | Y.Y% |
| Total | \$XXX.X | \$XXX.X | Y.Y% |
| Other & Aftermarket | \$XXX.X | \$XXX.X | Y.Y% |
| Grand Total | \$XXX.X | \$XXX.X | Y.Y% |

While the industry has experienced an increase in order intake over the last few years, it appears we have now entered a cooling off period, although the long-term outlook remains positive. What may change is the dynamics of the market. Newcomers in the market for commercial aircraft, particularly Chinese and Russian plane manufacturers, may start to take market share from industry leaders Boeing and Airbus. Loss of market share could depend on how the leaders deal with backlog in terms of production output and annual deliveries, which could affect annual connector consumption and the overall competitive arena.

In addition to providing connector consumption data by market segment, region and product category, the report also looks at the leading manufacturers (OEMs) in the industry, their suppliers, and their forecast for the next decade. Profiles are provided for a number of leading connector manufacturers servicing the civil aviation market.

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MIL-C-39029(AS39029)/EN3155
Leading Connector Manufacturers Servicing the Civil Aviation Market
Amphenol Corporation
Molex Inc.
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Growth Prospects of Civil Aviation Market for Connectors – Summary

What's New ?

Bishop & Associates has recently completed several new research reports about the worldwide connector industry. A table of contents for each report can be found at <http://store.bishopinc.com>.

- Report M-4100-16** **Civil Aviation Market for Connectors 2016 (January 2016) NEW**
- Report M-850-15** **PC, Tablet & Smartphone Market Analysis and Forecast 2015-2020 (December 2015) NEW**
- Report F-2015-02** **Connector Industry Forecast (November 2015) NEW**
- Report M-121-15** **Top 100 Connector Manufactures (October 2015) NEW**
- Report M-1010-15** **World Automotive Connector Market (September 2015) NEW**
- Report C-330-15** **European Survey of the Electronic Connector Industry (August 2015)**
- Report P-775-15** **Fiber Optic Connector Market 2015-2020 (August 2015)**
- Report P-675-15** **Harsh Environment Connectors and Markets 2015 (July 2015)**
- Report C-122-15** **2015 Connector Industry Yearbook (July 2015)**
- Report P-799-15** **2015 World Cable Assembly Market (June 2015)**
- Report P-606-15** **Connector Types and Technologies Poised for Growth (June 2015)**
- Report M-700-15** **World Connector Industry Handbook (April 2015)**
- Report P-970-15** **Structured Cabling and Connectivity Market (February 2015)**
- Report CA-785-15** **Top 100 Cable Assembly Companies (January 2015)**

THE BISHOP REPORT - CONNECTOR INDUSTRY YEARBOOK

An annual subscription to [THE BISHOP REPORT](#) (12 issues) is available for \$1,150. As part of your Bishop Report subscription, you have admission to BishopReport.com, a website that provides quick access to prior issues of The Bishop Report, News Briefs, connector industry news, the connector industry forecast, and various industry statistics. An annual corporate subscription is available for \$2,950, which includes an unlimited number of subscribers and one PDF version of the Yearbook.

The [CONNECTOR INDUSTRY YEARBOOK](#) is available for \$1,450. However, Bishop & Associates offers a special combined price of \$1,750 for [THE BISHOP REPORT](#) and the [CONNECTOR INDUSTRY YEARBOOK](#) (an annual savings of \$850).

[Click here](#) to view an expanded report description, and a complete table of contents, for all Bishop & Associates' research reports.



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