

# The Commercial Aircraft Parts Manufacturer Approval (PMA) Market 2013-2023

https://marketpublishers.com/r/CFF5944BF52EN.html

Date: November 2012

Pages: 147

Price: US\$ 2,635.00 (Single User License)

ID: CFF5944BF52EN

# **Abstracts**

#### **Report Details**

The commercial aircraft PMA market offers a unique range of opportunities and challenges which will assume ever greater prominence in the years to come. Companies involved with commercial aircraft who are aware of the trends and developments in the PMA market will be prepared for altered market conditions and will adapt to ensure continued successes. Those who are unprepared are unlikely to be able to take account of the range of business opportunities available which are considerable. Visiongain's analysis concludes that the commercial aircraft PMA market 2013-2023 will attain a value of \$624.9m in 2013.

# What makes this report unique?

Visiongain consulted widely with industry experts and full transcripts from these exclusive interviews are included in the report. As such, our reports have a unique blend of primary and secondary sources providing informed opinion. This approach allows insight into the key drivers and restraints behind contract and programme developments, as well as identifying the leading companies. The report also presents a unique blend of qualitative analysis combined with extensive quantitative data including global, submarket and national markets forecasts from 2013-2023 - all highlighting strategic business opportunities.

Why you should buy The Commercial Aircraft Parts Manufacturer Approval (PMA) Market 2013-2023?

147 pages



106 tables, charts, and graphs that quantify, analyse and forecast the commercial aircraft PMA market from 2013-2023.

Analysis and forecasting which has been informed by extensive expert consultation with industry leaders Within the report, you will be able to read the full transcript of interviews from two leading commercial aircraft PMA parts manufacturers:

Jet Parts Engineering

Able Engineering & Component Services

You will also be able to read the transcript of a discussion of PMA parts from the perspective of GE Aviation: the largest global aviation engine manufacturer.

A comprehensive analysis of the global commercial aircraft Parts Manufacturer Approval (PMA) market from 2013-2023.

Forecasts and analysis of the three commercial aircraft PMA submarket sectors between 2013-2023:

Aircraft Engines

Aircraft Components

**Airframes** 

Forecasts for six individual regional commercial aircraft PMA markets for the period 2013-2023:

North America

Europe

Asia-Pacific

South America

Middle East



#### Africa

A PEST analysis that examines the political, economic, social, and technological issues in the commercial aircraft PMA market from 2013-2023.

Profiles of 12 leading companies operating within the commercial aircraft PMA market.

You can order this report today

Gain an understanding of how to tap into the potential of this market by ordering The Commercial Aircraft Parts Manufacturer Approval (PMA) Market 2013-2023

Visiongain is a trading partner with the US Federal Government



### **Contents**

#### 1. EXECUTIVE SUMMARY

- 1.1 The Commercial Aircraft PMA Market Overview 2013-2023
- 1.2 Benefits of This Report
- 1.3 Who is This Report For?
- 1.4 Methodology
- 1.5 Global Commercial Aircraft PMA Market Forecast 2013-2023
- 1.6 Commercial Aircraft PMA Submarket Forecasts 2013-2023
- 1.7 Regional Commercial Aircraft PMA Market Forecasts 2013-2023

#### 2. INTRODUCTION TO THE COMMERCIAL AIRCRAFT PMA MARKET

- 2.1 Market Definition of the Part Manufacturer Approval (PMA) Market
- 2.2 Oil Price Forecasts Underpin the Dynamics of the PMA Market

#### 3. GLOBAL COMMERCIAL AIRCRAFT PMA MARKET FORECAST

- 3.1 The Global Commercial Aircraft PMA Market Forecast 2013-2023
- 3.2 The Global Commercial Aircraft PMA Market Analysis 2013-2023
- 3.3 Commercial Aircraft PMA Market Growth Rates
- 3.4 Fastest Growing Regional Commercial Aircraft PMA Markets
- 3.4.1 Visiongain Reveals the Fastest Growing Regional Commercial Aircraft PMA Markets 2013-2023
- 3.4.2 Which are the Fastest Growing Regional Commercial Aircraft PMA Markets from 2013-2018?
- 3.4.3 What are the Fastest Growing Regional Commercial Aircraft PMA Markets from 2018-2023?
- 3.5 Fastest Growing Commercial Aircraft PMA Submarkets
- 3.5.1 Visiongain forecasts the Fastest Growing Commercial Aircraft PMA Submarkets from 2013-2023
- 3.5.2 What will be the Fastest Growing Commercial Aircraft PMA Submarkets from 2013-2018?
- 3.5.3 Visiongain Predicts the Fastest Growing Commercial Aircraft PMA Submarkets over 2018-2023
- 3.6 Regional Commercial Aircraft PMA Markets Share Forecast 2013-2023
- 3.7 Commercial Aircraft PMA Submarkets Share Forecast 2013-2023
- 3.8 Visiongain's Calculation of the Cumulative Value of the Commercial Aircraft PMA



#### Market from 2013-2023

- 3.8.1 Regional Commercial Aircraft PMA Market Cumulative Value
- 3.8.2 Commercial Aircraft PMA Submarkets Cumulative Value

#### 4. COMMERCIAL AIRCRAFT PMA SUBMARKETS FORECAST 2013-2023

- 4.1 Commercial Aircraft PMA Submarkets Forecasts 2013-2023
- 4.2 The Commercial Aircraft PMA Engine Submarket 2013-2023
  - 4.2.1 The Commercial Aircraft PMA Engine Submarket Forecast
- 4.2.2 Visiongain Predicts PMA Engine Submarket to Record Minimal Growth Prospects by 2023
- 4.2.3 Why the PMA Engine Submarket Will Fall Victim to OEM Countermeasures
- 4.2.4 How 7,300 GE/CFM TRUEngines Will Limit PMA Engine Submarket Options
- 4.2.5 How PMA Manufacturers Should Respond to a Decline in Market Share for the Engine Submarket
- 4.3 The Commercial Aircraft PMA Components Submarket 2013-2023
  - 4.3.1 The Commercial Aircraft PMA Components Submarket Forecast
- 4.3.2 Read How Growth in the PMA Components Submarket Will Cause it to Overtake the PMA Engine Submarket in 2018
- 4.3.3 Does the Financial Crisis Mean Opportunity for PMA Components Manufacturers?
- 4.3.4 \$450 versus \$80: Can Aviation Sector Companies Continue to Ignore Non-Critical Parts?
- 4.3.5 Why the PMA Components Submarket is Expected to Triple in Size from 2013-2023
- 4.4 The Commercial Aircraft PMA Airframe Submarket 2013-2023
- 4.4.1 The Commercial Aircraft PMA Airframe Submarket Forecast
- 4.4.2 Read how the Airframe Submarket will Grow at a CAGR of 14.4%
- 4.4.3 Will Technological Innovation Limit or Drive the PMA Airframe Submarket?
- 4.4.4. Increased Asia-Pacific Focus on Airframe MRO to Drive PMA Airframe Submarket to be Worth More than \$150m in 2023

#### 5. REGIONAL COMMERCIAL AIRCRAFT PMA MARKETS 2013-2023

- 5.1 Regional Commercial Aircraft PMA Markets Forecast 2013-2023
- 5.2 North American Commercial Aircraft PMA Market 2013-2023
  - 5.2.1 North American Commercial Aircraft PMA Market Forecast
- 5.2.2 Find out How the North American PMA Market Will be Worth More than Half a Billion Dollars in 2023



- 5.2.3 How can PMA Manufacturers Exploit Rising Oil Prices in the North American Market?
- 5.2.4 How Growth Will Prevail in the North American PMA Market Despite OEM Countermeasures
- 5.2.5 Why a Smaller US Aircraft Lessor Market Will Still Impact Strongly on Future PMA Sales
- 5.2.6 Is Risk Diversification Now Becoming a Necessity for PMA Manufacturers?
- 5.3 European Commercial Aircraft PMA Market 2013-2023
  - 5.3.1 European Commercial Aircraft PMA Market Forecast
- 5.3.2 Discover How Current Euro Zone Instability Will Cause Market Contraction in 2013
- 5.3.3 Why a Euro Zone Recovery is Expected to Drive Commercial Aircraft PMA Sales Revenues to \$180m in 2017
- 5.3.4 Can a European Market Recovery be Bad for the PMA Market?
- 5.3.5 Why the Eclipse of the European PMA Market by the Asia-Pacific PMA Market Is Good News for PMA Manufactures and Airlines
  - 5.3.6 The Importance of Price Competitiveness Remains Critical for Market Success
- 5.4 Asia-Pacific Commercial Aircraft PMA Market 2013-2023
  - 5.4.1 Asia-Pacific Commercial Aircraft PMA Market Forecast
  - 5.4.2 Asia-Pacific PMA Market to Triple in Value
- 5.4.3 APAC Air Traffic Growth to Increase at 6.5% Per Annum: What does this Mean for the APAC PMA Market?
  - 5.4.4 Significant Numbers of BASA Agreements in the Asia-Pacific
  - 5.4.5 The Indian PMA Market Conundrum
- 5.4.6 The Asia-Pacific Region to Provide the Financial Tipping Point for the PMA Market? When and Why?
- 5.5 South American Commercial Aircraft PMA Market 2013-2023
- 5.5.1 South American Commercial Aircraft PMA Market Forecast
- 5.5.2 South American PMA Market to Provide Unique Growth Trends
- 5.5.3 American North-South Ties to Drive High Early Growth Rates
- 5.5.4 South American PMA Market Under Threat From MRO Migration
- 5.6 Middle Eastern Commercial Aircraft PMA Market 2013-2023
  - 5.6.1 Middle Eastern Commercial Aircraft PMA Market Forecast
- 5.6.2 Middle Eastern PMA Market to Record Delayed Growth Concentrated in Second Half of Forecast
  - 5.6.3 What is the Impact of State-Ownership on the Middle Eastern PMA Market?
  - 5.6.4 Can the Middle Eastern PMA Market Escape Wider Global Trends?
- 5.7 African Commercial Aircraft PMA Market 2013-2023
- 5.7.1 African Commercial Aircraft PMA Market Forecast



- 5.7.2 African PMA Market to be the Fastest Growing Region
- 5.7.3 Why does the Unique Nature of the African Aviation Industry Provide Fertile Ground for PMA Parts Sales?

#### 6. PEST ANALYSIS OF THE COMMERCIAL AIRCRAFT PMA MARKET 2013-2023

- 6.1 Political
  - 6.1.1 Role of BASAs between FAA and National Regulators
  - 6.1.2 Increased Presence in Defence Market
  - 6.1.3 Political Limitations to Air Travel
- 6.2 Economic
  - 6.2.1 Turmoil in the Euro Zone
  - 6.2.2 Growth in Developing Markets
  - 6.2.3 Oil Price Rises & Spikes
  - 6.2.4 Trends Towards OEM Outsourcing
  - 6.2.5 Market Consolidation
- 6.3 Social
  - 6.3.1 Rise of the 'Global Middle-Class'
  - 6.3.2 OEM Defensive Measures/ Responses to PMA
  - 6.3.3 Lessor Reluctance to Use Unlicensed PMA Parts
  - 6.3.4 Reputation for Safety
- 6.4 Technological
  - 6.4.1 Fuel Efficient Engines & Biofuels
  - 6.4.2 Advanced Engineering Capabilities of PMA Providers

#### 7. EXPERT OPINION

- 7.1 GE Aviation
  - 7.1.1 Jeff Conner, Director of Alternate Materials Strategy
  - 7.1.2 What is GE Aviation's Stance on PMA Parts
- 7.1.3 How the Design Process Differs Between FAA-PMA Parts and Licensed PMA Parts
- 7.1.4 How Does GE Aviation Maintain Quality Assurance in Licensed PMA Parts?
- 7.1.5 What Changes Occur in Non-licensed PMA Manufacture?
- 7.1.6 How Does the FAA RAF Report on PMA Equivalency Affect GE's Position on FAA Acceptance of PMA Parts?
- 7.1.7 'A Comparable Level of Certitude' Why GE Aviation Believes Part Criticality Remains an Issue
- 7.1.8 Can Concerns be Remedied by PMA Market Consolidation?



- 7.1.9 GE Aviation's Stance on Pratt & Whitney PMA Parts Manufacture for GE/CFM Engines
  - 7.1.10 Drivers Behind the GE/CFM International TRUEngine Program
  - 7.1.11 Is the TRUEngine Program the Next Stage for the Industry?
- 7.1.12 Does GE Aviation Hold Concerns About Chinese Intellectual Property Agreements and GE Parts?
- 7.1.13 What it Will Take for Future Industry Acceptance of PMA Parts?
- 7.2 Able Engineering & Component Services
  - 7.2.1 What Role does Able Engineering Perform in the PMA Market?
  - 7.2.2 What Products & Specialisations does Able Offer to Customers?
  - 7.2.3 What Future Growth Areas Do You Consider Likely for PMA Parts?
- 7.2.4 What Future Trends are Likely to Impact on the Commercial Aircraft PMA Market?
  - 7.2.5 Is Able Engineering Concerned by OEM Defensive Measures?
  - 7.2.6 Does Able Engineering Plan to Expand Regionally? Where?
- 7.2.7 Is Innovation More Important than Macroeconomics in the Commercial Aircraft PMA Market?
- 7.2.8 Will we see Future Market Consolidation in the PMA Market?
- 7.3 Jet Parts Engineering Inc.
  - 7.3.1 What are JPE's Main Products & Areas of Specialisation?
  - 7.3.2 How Important is the Macroeconomic Picture for the PMA Market?
  - 7.3.3 What Future Obstacles Exist for the PMA Industry?
  - 7.3.4 Is Fuel Efficiency a Serious Future Threat to the PMA Market?
  - 7.3.5 How Threatening are OEM Defensive Measures to JPE?
- 7.3.6 Is Innovation More Important than Macroeconomics in the Commercial Aircraft PMA Market?
- 7.3.7 Which Future Regional Markets does JPE Consider Viable Opportunities for PMA Sales?
- 7.3.8 Will we see Future Market Consolidation in the PMA Market?

#### 8. LEADING COMPANIES IN THE COMMERCIAL AIRCRAFT PMA MARKET

- 8.1 BE Aerospace
  - 8.1.1 BE Aerospace Overview
  - 8.1.2 BE Aerospace Analysis
  - 8.1.3 BE Aerospace Regional Emphasis / Focus
  - 8.1.4 BE Aerospace M&A Activity
  - 8.1.5 BE Aerospace Future Outlook
- 8.2 Esterline Technologies Corporation



- 8.2.1 Esterline Technologies Corporation Overview
- 8.2.2 Esterline Technologies Corporation Analysis
- 8.2.3 Esterline Technologies Corporation Regional Emphasis / Focus
- 8.2.4 Esterline Technologies Corporation M&A Activity
- 8.2.5 Esterline Technologies Corporation Future Outlook
- 8.3 GKN Aerospace
  - 8.3.1 GKN Aerospace Overview
  - 8.3.2 GKN Aerospace Analysis
  - 8.3.3 GKN Aerospace Regional Emphasis / Focus
  - 8.3.4 GKN Aerospace M&A Activity
  - 8.3.5 GKN Aerospace Future Outlook
- 8.4 HEICO, Inc.
  - 8.4.1 HEICO, Inc. Overview
  - 8.4.2 HEICO, Inc. Analysis
  - 8.4.3 HEICO, Inc. Regional Emphasis / Focus
  - 8.4.4 HEICO, Inc. M&A Activity
  - 8.4.5 HEICO, Inc. Future Outlook
- 8.5 Parker Hannifin Corporation
  - 8.5.1 Parker Hannifin Corporation Overview
  - 8.5.2 Parker Hannifin Corporation Analysis
  - 8.5.3 Parker Hannifin Corporation Regional Emphasis / Focus
  - 8.5.4 Parker Hannifin Corporation M&A Activity
  - 8.5.5 Parker Hannifin Corporation Future Outlook
- 8.6 Pratt & Whitney (P&W)
  - 8.6.1 Pratt & Whitney (P&W) Overview
  - 8.6.2 Pratt & Whitney (P&W) Analysis
  - 8.6.3 Pratt & Whitney (P&W) Regional Emphasis / Focus
  - 8.6.4 Pratt & Whitney (P&W) Future Outlook
- 8.7 Precision Castparts Corporation
  - 8.7.1 Precision Castparts Corporation Overview
  - 8.7.2 Precision Castparts Corporation Analysis
  - 8.7.3 Precision Castparts Corporation Regional Emphasis / Focus
  - 8.7.4 Precision Castparts Corporation M&A Activity
  - 8.7.5 Precision Castparts Corporation Future Outlook
- 8.8 Spirit AeroSystems Holdings, Inc.
  - 8.8.1 Spirit AeroSystems Holdings, Inc. Overview
  - 8.8.2 Spirit AeroSystems Holdings, Inc. Analysis
  - 8.8.3 Spirit AeroSystems Holdings, Inc. Regional Emphasis / Focus
  - 8.8.4 Spirit AeroSystems Holdings, Inc. Future Outlook



- 8.9 The Timken Company
  - 8.9.1 The Timken Company Overview
  - 8.9.2 The Timken Company Analysis
  - 8.9.3 The Timken Company Regional Emphasis / Focus
  - 8.9.4 The Timken Company Future Outlook
- 8.10 TransDigm Group Inc.
  - 8.10.1 TransDigm Group Inc. Overview
  - 8.10.2 TransDigm Group Inc. Analysis
  - 8.10.3 TransDigm Group Inc. Regional Emphasis / Focus
  - 8.10.4 TransDigm Group Inc. M&A Activity
  - 8.10.5 TransDigm Group Inc. Future Outlook
- 8.11 Triumph Group, Inc.
  - 8.11.1 Triumph Group, Inc. Overview
  - 8.11.2 Triumph Group, Inc. Analysis
  - 8.11.3 Triumph Group, Inc. Regional Emphasis / Focus
  - 8.11.4 Triumph Group, Inc. M&A Activity
  - 8.11.5 Triumph Group, Inc. Future Outlook
- 8.12 Zodiac Aerospace S.A.
  - 8.12.1 Zodiac Aerospace S.A. Overview
  - 8.12.2 Zodiac Aerospace S.A. Analysis
  - 8.12.3 Zodiac Aerospace S.A. Regional Emphasis / Focus
  - 8.12.4 Zodiac Aerospace S.A. Future Outlook
- 8.13 Other Relevant Companies in the Commercial Aircraft PMA Market

#### 9. CONCLUSIONS

- 9.1 Drivers & Restraints in the Commercial Aircraft PMA Market
- 9.2 Global Commercial Aircraft PMA Market Forecast 2013-2023
- 9.3 Commercial Aircraft PMA Submarket Forecasts 2013-2023
- 9.4 Regional Commercial Aircraft PMA Market Forecasts 2013-2023
- 9.5 Fastest Growing and Largest Commercial Aircraft PMA Markets

#### 10. GLOSSARY



# **List Of Tables**

#### LIST OF TABLES

Table 1.1 Global Commercial Aircraft PMA Market Forecast Summary 2013, 2018, 2023 (\$m, CAGR %)

Table 1.2 Commercial Aircraft PMA Submarket Forecasts Summary 2013, 2018, 2023 (\$m, CAGR %)

Table 1.3 Regional Commercial Aircraft PMA Market Forecasts Summary 2013, 2018, 2023 (\$m, CAGR %)

Table 2.1 Crude Oil Price per Barrel Forecast Low, Average, High 2013-2023 (\$)

Table 3.1 Global Commercial Aircraft PMA Market Forecast 2013-2023 (\$m, AGR %, CAGR%, Cumulative)

Table 3.2 Global Commercial Aircraft PMA Market; Regional Markets & Submarkets Forecast CAGR (%) 2013-2023, 2013-2018, 2018-2023

Table 3.3 Fastest Growing Regional Commercial Aircraft PMA Markets Forecast CAGR (%) 2013-2023

Table 3.4 Fastest Growing Regional Commercial Aircraft PMA Markets Forecast CAGR (%) 2013-2018

Table 3.5 Fastest Growing Regional Commercial Aircraft PMA Markets Forecast CAGR (%) 2018-2023

Table 3.6 Fastest Growing Commercial Aircraft PMA Submarkets Forecast CAGR (%) 2013-2023

Table 3.7 Fastest Growing Commercial Aircraft PMA Submarkets Forecast CAGR (%) 2013-2018

Table 3.8 Fastest Growing Commercial Aircraft PMA Submarkets Forecast CAGR (%) 2018-2023

Table 3.9 Regional Commercial Aircraft PMA Markets Share Forecast 2013, 2018 & 2023 (% Share, % Change)

Table 3.10 Commercial Aircraft PMA Submarkets Share Forecast 2013, 2018 & 2023 (% Share, % Change)

Table 3.11 Commercial Aircraft PMA Market; Market Regions and Submarkets Cumulative Sales Forecast 2013-2023 (\$m, %)

Table 4.1 Commercial Aircraft PMA Submarket Forecasts 2013-2023 (\$m, AGR %)

Table 4.2 Commercial Aircraft PMA Engine Submarket Forecast 2013-2023 (\$m, AGR %, CAGR%, Cumulative)

Table 4.3 Commercial Aircraft PMA Engine Submarket Market Drivers & Restraints

Table 4.4 Commercial Aircraft PMA Components Submarket Forecast 2013-2023 (\$m, AGR %, CAGR%, Cumulative)



- Table 4.5 Commercial Aircraft PMA Components Submarket Market Drivers & Restraints
- Table 4.6 Commercial Aircraft PMA Airframe Submarket Forecast 2013-2023 (\$m, AGR%, CAGR%, Cumulative)
- Table 4.7 Commercial Aircraft PMA Airframe Submarket Market Drivers & Restraints
- Table 5.1 Regional Commercial Aircraft PMA Market Forecast 2013-2023 (\$m, AGR %)
- Table 5.2 North American Commercial Aircraft PMA Market Forecast 2013-2023 (\$m, AGR %, CAGR%, Cumulative)
- Table 5.3 North American Commercial Aircraft PMA Market Drivers & Restraints
- Table 5.4 European Commercial Aircraft PMA Market Forecast 2013-2023 (\$m, AGR %, CAGR%, Cumulative)
- Table 5.5 European Commercial Aircraft PMA Market Drivers & Restraints
- Table 5.6 Asia-Pacific Commercial Aircraft PMA Market Forecast 2013-2023 (\$m, AGR %, CAGR%, Cumulative)
- Table 5.7 Asia-Pacific Commercial Aircraft PMA Market Drivers & Restraints
- Table 5.8 South American Commercial Aircraft PMA Market Forecast 2013-2023 (\$m, AGR %, CAGR%, Cumulative)
- Table 5.9 South American Commercial Aircraft PMA Market Drivers & Restraints
- Table 5.10 Middle Eastern Commercial Aircraft PMA Market Forecast 2013-2023 (\$m, AGR %, CAGR%, Cumulative)
- Table 5.11 Middle Eastern Commercial Aircraft PMA Market Drivers & Restraints
- Table 5.12 African Commercial Aircraft PMA Market Forecast 2013-2023 (\$m, AGR %, CAGR%, Cumulative)
- Table 5.13 African Commercial Aircraft PMA Market Drivers & Restraints
- Table 6.1 PEST Analysis of the Commercial Aircraft PMA Market 2013-2023
- Table 8.1 Leading Commercial Aircraft PMA Companies 2012 (Market Ranking, Ownership, # PMA Parts, PMA Parts Share %)
- Table 8.2 BE Aerospace Overview 2011 (Total Revenue, HQ, Ticker, Contact, Website)
- Table 8.3 BE Aerospace Products / Services (Division, Product/Service, Notes)
- Table 8.4 Esterline Technologies Corporation Overview 2011 (Total Revenue, HQ, Ticker, Contact, Website)
- Table 8.5 Esterline Technologies Corporation Products / Services (Division, Product/Service, Notes)
- Table 8.6 GKN Aerospace Overview 2011 (Total Revenue, HQ, Ticker, Contact, Website)
- Table 8.7 GKN Aerospace Products / Services (Division, Product/Service, Notes)
- Table 8.8 HEICO, Inc. Overview 2011 (Total Revenue, HQ, Ticker, Contact, Website)
- Table 8.9 HEICO, Inc. Products / Services (Division, Product/Service, Notes)
- Table 8.10 Parker Hannifin Corporation Overview 2012 (Total Revenue, HQ, Ticker,



Contact, Website)

Table 8.11 Parker Hannifin Corporation Products / Services (Division, Product/Service, Notes)

Table 8.12 Pratt & Whitney Overview 2011 (Total Revenue, HQ, Ticker, Contact, Website)

Table 8.13 Pratt & Whitney Products / Services (Division, Product/Service, Notes)

Table 8.14 Precision Castparts Corporation Overview 2012 (Total Revenue, HQ, Ticker, Contact, Website)

Table 8.15 Precision Castparts Corporation Products / Services (Division,

Product/Service, Notes)

Table 8.15 Spirit AeroSystems Holdings, Inc. Overview 2011 (Total Revenue, HQ, Ticker, Contact, Website)

Table 8.16 Spirit AeroSystems Holdings, Inc. Products / Services (Division, Product/Service, Notes)

Table 8.17 The Timken Company Overview 2011 (Total Revenue, HQ, Ticker, Contact, Website)

Table 8.18 The Timken Company Products / Services (Division, Product/Service, Notes)

Table 8.19 TransDigm Group, Inc. Overview 2011 (Total Revenue, HQ, Ticker, Contact, Website)

Table 8.20 TransDigm Group, Inc. Products / Services (Division, Product/Service, Notes)

Table 8.21 Triumph Group, Inc. Overview 2011 (Total Revenue, HQ, Ticker, Contact, Website)

Table 8.22 Triumph Group, Inc. Products / Services (Division, Product/Service, Notes)

Table 8.23 Zodiac Aerospace Overview 2011 (Total Revenue, HQ, Ticker, Contact, Website)

Table 8.24 Zodiac Aerospace Products / Services (Division, Product/Service, Notes)

Table 8.25 Other Major Companies in the Commercial Aircraft PMA Market (Company, Product /Service)

Table 9.1 Global Commercial Aircraft PMA Market Drivers & Restraints

Table 9.2 Global Commercial Aircraft PMA Market Forecast Summary 2013, 2018, 2023 (\$m, CAGR %)

Table 9.3 Commercial Aircraft PMA Submarket Forecasts Summary 2013, 2018, 2023 (\$m, CAGR %)

Table 9.4 Regional Commercial Aircraft PMA Market Forecasts Summary 2013, 2018, 2023 (\$m, CAGR %)

Table 9.5 Fastest Growing Regional Commercial Aircraft PMA Markets & Commercial Aircraft PMA Submarkets 2013-2023 (CAGR %); Largest Cumulative Regional Commercial Aircraft PMA Markets & Commercial Aircraft PMA Submarkets 2013-2023



(\$m)



# **List Of Figures**

#### LIST OF FIGURES

- Figure 2.1 Global Commercial Aircraft PMA Market Structure Overview
- Figure 2.2 Crude Oil Price per Barrel Forecast Low, Average, High 2013-2023 (\$)
- Figure 3.1 Global Commercial Aircraft PMA Market Forecast 2013-2023 (\$m, AGR %)
- Figure 3.2 Fastest Growing Regional Commercial Aircraft PMA Markets Forecast CAGR (%) 2013-2023
- Figure 3.3 Fastest Growing Regional Commercial Aircraft PMA Markets Forecast CAGR (%) 2013-2018
- Figure 3.4 Fastest Growing Regional Commercial Aircraft PMA Markets Forecast CAGR (%) 2018-2023
- Figure 3.5 Fastest Growing Commercial Aircraft PMA Submarkets Forecast CAGR (%) 2013-2023
- Figure 3.6 Fastest Growing Commercial Aircraft PMA Submarkets Forecast CAGR (%) 2013-2018
- Figure 3.7 Fastest Growing Commercial Aircraft PMA Submarkets Forecast CAGR (%) 2018-2023
- Figure 3.8 Regional Commercial Aircraft PMA Market Cumulative Sales Forecast 2013-2023 (\$m)
- Figure 3.9 Regional Commercial Aircraft PMA Market Cumulative Sales Share 2013-2023 (%)
- Figure 3.10 Commercial Aircraft PMA Submarkets Cumulative Sales Forecast 2013-2023 (\$m)
- Figure 3.11 Commercial Aircraft PMA Submarkets Cumulative Sales Share 2013-2023 (%)
- Figure 4.1 Commercial Aircraft PMA Submarket Forecasts 2013-2023 (\$m)
- Figure 4.2 Commercial Aircraft PMA Submarkets Share Forecast 2013 (%)
- Figure 4.3 Commercial Aircraft PMA Submarkets Share Forecast 2018 (%)
- Figure 4.4 Commercial Aircraft PMA Submarkets Share Forecast 2023 (%)
- Figure 4.5 Commercial Aircraft PMA Engine Submarket Forecast 2013-2023 (\$m, AGR %)
- Figure 4.6 Commercial Aircraft PMA Engine Submarket Share Forecast 2013, 2018 and 2023 (% Share)
- Figure 4.7 Commercial Aircraft PMA Components Submarket Forecast 2013-2023 (\$m, AGR %)
- Figure 4.8 Commercial Aircraft PMA Components Submarket Share Forecast 2013, 2018 and 2023 (% Share)



Figure 4.9 Commercial Aircraft PMA Airframe Submarket Forecast 2013-2023 (\$m, AGR %)

Figure 4.10 Commercial Aircraft PMA Airframe Submarket Share Forecast 2013, 2018 and 2023 (% Share)

Figure 5.1 Regional Commercial Aircraft PMA Market Forecast 2013-2023 (\$m)

Figure 5.2 Regional Commercial Aircraft PMA Market Share Forecast 2013 (%)

Figure 5.3 Regional Commercial Aircraft PMA Market Share Forecast 2018 (%)

Figure 5.4 Regional Commercial Aircraft PMA Market Share Forecast 2023 (%)

Figure 5.5 North American Commercial Aircraft PMA Market Forecast 2013-2023 (\$m, AGR %)

Figure 5.6 North American Commercial Aircraft PMA Market Share Forecast 2013, 2018 and 2023 (% Share)

Figure 5.7 European Commercial Aircraft PMA Market Forecast 2013-2023 (\$m, AGR %)

Figure 5.8 European Commercial Aircraft PMA Market Share Forecast 2013, 2018 and 2023 (% Share)

Figure 5.9 Asia-Pacific Commercial Aircraft PMA Market Forecast 2013-2023 (\$m, AGR %)

Figure 5.10 Asia-Pacific Commercial Aircraft PMA Market Share Forecast 2013, 2018 and 2023 (% Share)

Figure 5.11 South American Commercial Aircraft PMA Market Forecast 2013-2023 (\$m, AGR %)

Figure 5.12 South American Commercial Aircraft PMA Market Share Forecast 2013, 2018 and 2023 (% Share)

Figure 5.13 Middle Eastern Commercial Aircraft PMA Market Forecast 2013-2023 (\$m, AGR %)

Figure 5.14 Middle Eastern Commercial Aircraft PMA Market Share Forecast 2013, 2018 and 2023 (% Share)

Figure 5.15 African Commercial Aircraft PMA Market Forecast 2013-2023 (\$m, AGR %)

Figure 5.16 African Commercial Aircraft PMA Market Share Forecast 2013, 2018 and 2023 (% Share)

Figure 8.1 Commercial Aircraft PMA Companies Categorized by Tier 1, Tier 2, Tier 3?

#### **COMPANIES LISTED**

AB Volvo

Able Engineering & Component Services Acme Aerospace, Inc. Adams Rite Aerospace, Inc.



Adel Wiggins Group

ADpma

Aero Brake & Spares, Inc.

Aero Decals, Inc.

Aero Fluid Products

Aero Parts Mart

AeroControlex Group

AeroRepair Corporation

Aerotech Holdings, Inc.

AeroXchange

AFI

Air Atlanta Icelandic

Air Berlin

Air Technology, Inc.

Airbus

Aircraft Component Design, Inc.

Aircraft Inventory Management & Services

Aircraft Spruce and Specialty Company

AirGroup America, Inc

Amavco, Inc.

**American Airlines** 

AmSafe Global Holdings

**Astronics Corporation** 

**Aveos** 

**Aviation Component Solutions** 

Aviation Network Services (ANS), LLC.

Avionic Instruments LLC

Aviosupport, Inc.

**Avmat Aviation Group** 

**Avmat Aviation Materials** 

**Avtech Corporation** 

**BAE Systems** 

BE Aerospace Business Jet

**BE Aerospace Commercial Aircraft** 

BE Aerospace Consumables Management

BE Aerospace Inc.

**BELAC LLC** 

Blue Aerospace

Boeing



**Boeing Commercial Airplanes** 

Bombardier, Inc.

Bracket Aero Filters, Inc.

British Airways (BA)

Bruce Aerospace, Inc.

C&D Zodiac, Inc.

Canadian Aero Manufacturing

CDA InterCorp LLC

CEF Industries Inc.

Centra Industries

**CFM** International

Champion Aerospace LLC

China Southern Airlines

Chromalloy

CK Cooper & Company

Corporate Jet Support

De Havilland

**Delta Airlines** 

DHL Air Ltd

Dixie Aerospace

**Dover Corporation** 

Dresser-Rand Group Inc.

Dukes Aerospace, Inc.

Easyjet

**Eaton Corporation** 

**Electromech Technologies** 

Embraer

EMTEQ, Inc.

Esterline Technologies Corporation

Esterline Technologies Corporation Advanced Materials

Esterline Technologies Corporation Avionics & Controls

Esterline Technologies Corporation Sensors & Systems

Field Aviation

Flybe Group Plc

**Fokker Services** 

Gemini Engineering

**General Dynamics** 

General Electric (GE)

General Electric (GE) Aviation



**GKN** Aerospace

**GKN** Aerospace Aerostructures

**GKN Aerospace Engine Products** 

**GKN** plc

**GMN** Aerospace

**GM Nameplate** 

**Goodrich Corporation** 

**Great Lakes Aero Products** 

Growth Industries: PMA Parts Specialist

Gulfstream

Hansair Logistics Inc.

Harco Laboratories, Inc.

Hartwell Corporation

HEICO, Inc.

HEICO, Inc. Electronic Technologies Group

HEICO, Inc. Flight Support Group

Héroux-Devtek, Inc.

**HITCO Carbon Composites** 

Honeywell, Inc.

Hyetech LLC

Iberia Airlines

International Aero Engines

Interturbine

Jamaica Bearings Group, Cambridge Manufacturing

Jet Parts Engineering, Inc.

Jet2.com

KAPCO, Inc.

KLM Royal Dutch Airlines

LAN Airlines S.A.

LKD Aerospace, Inc.

**Lockheed Martin** 

Loos & Company

Lufthansa Group

MarathonNorco Aerospace Inc

McFarlane Aviation Products

McSwain Manufacturing

Meggitt plc

Mid South Aircraft Sales

Miraj Corporation



**Onex Corporation** 

Panasonic Avionics

Parker Aerospace

Parker Hannifin Corporation

**PartsBase** 

PMA Products, Inc.

**PMA Sales** 

Pratt & Whitney

Pratt & Whitney Global Materials Solutions

Precision Castparts Corporation (PCC)

Primus International LLC

Pullmantur Air

**Qantas** 

Rapco Fleet Support, Inc.

RathGibson LLC

**RBC** Bearings

Rockwell Collins Inc.

Rolls-Royce plc

Rotair Industries, Inc.

Ryanair Holdings plc

Sabena Technics

Schneller Holdings LLC

Seal Dynamics LLC

SEMCO Instruments, Inc.

Skurka Aerospace Inc.

**SNECMA** 

Soundair, Inc.

Souriau

Spirit AeroSystems Holdings Inc

ST Aerospace

Switchcraft, Inc.

TAP Maintenance & Engineering (subs. TAP Portugal)

**Team JAS Aviation** 

**TeamSAI** 

Technical Airborne Components (TAC)

The Carlyle Group

The Timken Company

The Timken Company Aerospace & Defence

The Timken Company Mobile Industries



The Timken Company Process Industries

The Timken Company Steel

Thermocouple USA, Inc.

TransDigm Group, Inc,

Transicoil LLC

Triumph Aerospace Systems

Triumph Aerostructures

Triumph Aftermarket Services

Triumph Group, Inc.

Tyee Aircraft

**UFC** Aerospace Corporation

**United Airlines** 

United Technologies Corporation (UTC)

Virgin Atlantic Airlines

Volvo Aero

Vought Aircraft Industries, Inc.

Wencor Group

Zodiac AeroSafety & Technology

Zodiac Aerospace S.A.

Zodiac Aircraft Systems

**Zodiac Cabin Interiors** 

# GOVERNMENT AGENCIES AND OTHER ORGANISATIONS MENTIONED IN THIS REPORT

Aerospace Industries Association (AIA)

Aircraft Fleet Recycling Association (AFRA)

Civil Aviation Administration of China (CAAC)

European Aviation Safety Agency (EASA)

International Air Transport Association (IATA)

International Civil Aviation Organization (ICAO)

Modification and Replacement Parts Association (MARPA)

Organisation of Petroleum Exporting Countries (OPEC)

US Air Force (USAF)

**US Armed Forces** 

US FAA Aviation Safety Repair, Alteration and Fabrication (RAF)

US Federal Aviation Authority (FAA)



#### I would like to order

Product name: The Commercial Aircraft Parts Manufacturer Approval (PMA) Market 2013-2023

Product link: <a href="https://marketpublishers.com/r/CFF5944BF52EN.html">https://marketpublishers.com/r/CFF5944BF52EN.html</a>

Price: US\$ 2,635.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

# **Payment**

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/CFF5944BF52EN.html">https://marketpublishers.com/r/CFF5944BF52EN.html</a>

To pay by Wire Transfer, please, fill in your contact details in the form below:

| First name:   |                           |
|---------------|---------------------------|
| Last name:    |                           |
| Email:        |                           |
| Company:      |                           |
| Address:      |                           |
| City:         |                           |
| Zip code:     |                           |
| Country:      |                           |
| Tel:          |                           |
| Fax:          |                           |
| Your message: |                           |
|               |                           |
|               |                           |
|               |                           |
|               | **All fields are required |
|               | Custumer signature        |
|               |                           |
|               |                           |

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970