

China Aviation Maintenance Industry Market Foresight and Investment Strategy Report, 2013–2017

目 录

CONTENTS

Chapter 1: Development Overview of China Aviation Maintenance Industry

- 1.1 Concepts Related to Aviation Maintenance Industry**
 - 1.1.1 Definition of Aviation Maintenance Industry
 - 1.1.2 Classification of Aviation Maintenance Industry
 - 1.1.3 Features of Aviation Maintenance Industry
 - 1.1.4 Functions of Aviation Maintenance Industry
- 1.2 Analysis of Policy Environment of Aviation Maintenance Industry**
 - 1.2.1 Management System of Aviation Maintenance Industry
 - 1.2.2 Laws and Regulations of Aviation Maintenance Industry
 - 1.2.3 Standards Related to Aviation Maintenance Industry
 - 1.2.4 Development Planning of Aviation Maintenance Industry
- 1.3 Analysis of Economic Environment of Aviation Maintenance Industry**
 - 1.3.1 Analysis of International Macro-economic Environment
 - (1) Analysis of US Macro-economic Environment
 - (2) Analysis of Europe Macro-economic Environment
 - (3) Analysis of Japan Macro-economic Environment
 - (4) Analysis of Emerging Countries Macro-economic Environment
 - 1.3.2 Analysis of Domestic Macro-economic Environment
 - (1) Analysis of GDP Growth
 - (2) Analysis of Industrial Economic Growth
 - (3) FAI
 - (4) Total Social Retail Sales of Consumer Goods
 - (5) Total Import and Export Volume and the Growth
 - (6) Loan Supply Volume and the Loans
 - (7) PMI

Chapter 2: Development Analysis of Global Aviation Maintenance Industry

- 2.1 Analysis of Operation Situation of Aviation Maintenance Industry**
 - 2.1.1 Analysis of Operation Conditions of Aviation Maintenance Industry
 - (1) Analysis of Global Aviation Profit Level
 - (2) Analysis of Airline and Flights Operation in the Globe
 - (3) Fleet Expansion in Aviation Companies
 - (4) Analysis of Global Air Passenger Volume
 - (5) Analysis of Global Freight Transport Volume
 - (6) Analysis of M&A in Global Aviation Industry
 - (7) Analysis of Development Trend for Global Aviation Industry
 - 2.1.2 Analysis of Global Aeronautic Passenger Transport Market
 - (1) Evolution of Global Aeronautic Network
 - (2) Demand Analysis of Global Aircraft Market
 - (3) Analysis of Deliveries of Global Airlines
 - (4) Analysis of Retirement Trend of Global Airlines
 - (5) Analysis of Finance Leasing of Aerospace Companies
 - 2.1.3 Operation of Four Major Global Aircraft Manufacturers
 - (1) Analysis of Operation of Boeing Company
 - (2) Analysis of Operation of Airbus S.A.S.
 - (3) Analysis of Operation of Bombardier
 - (4) Analysis of Operation of Embraer
- 2.2 Development Overview of Global Aviation Maintenance Market**
 - 2.2.1 Analysis of Transformation Process of Global Aviation Maintenance Industry
 - 2.2.2 Analysis of Market Size of Global Aviation Maintenance Industry

- 2.2.3 Analysis of Maintenance Cost of Global Aviation Maintenance Industry
- 2.2.4 Analysis of Regional Markets in Global Aviation Maintenance Industry
- 2.2.5 New Changes of Market Demand for Global Aviation Maintenance Industry

2.3 Analysis of Development of Aviation Maintenance in Major Countries

- 2.3.1 Analysis of Development of US Aviation Maintenance Industry
- 2.3.2 Analysis of Development of UK Aviation Maintenance Industry
- 2.3.3 Analysis of Development of Germany Aviation Maintenance Industry
- 2.3.4 Analysis of Development of France Aviation Maintenance Industry
- 2.3.5 Analysis of Development of Singapore Aviation Maintenance Industry
- 2.3.6 Analysis of Development of Russia Aviation Maintenance Industry

Chapter 3: Analysis of Development of China Aviation Maintenance Industry

3.1 Analysis of Development Overview of China Aviation Maintenance Industry

- 3.1.1 Analysis of Development of Air Transport Market
 - (1) Total Transport Turnover and the Growth
 - (2) The Volume of Passenger Traffic and the Growth
 - (3) The Volume of Air Cargo and the Growth
 - (4) The Volume of Airport Business and the Growth
 - (5) Operation of Major Air Transport Companies
- 3.1.2 Analysis of Development Level of General Aviation Industry
 - (1) Analysis of Quantity of General Documented Aircrafts
 - (2) Analysis of Operating Volume for General Aviation Aircrafts
 - (3) Analysis of Comparison between China's Aviation Industry and Those of Developed Countries
 - (4) Structure Classification of General Aviation Aircrafts by Usage
 - (5) Analysis of Development of Civil Helicopter
 - (6) Regional Distribution of General Aviation Operating Enterprises
 - (7) Three Major Forces for the Development of General Aviation
 - (8) Development Prospects Forecast for General Aviation Industry
- 3.1.3 Analysis of Development of Aviation Companies and Fleets
 - (1) Development Overview of Domestic Aviation Companies
 - (2) Development Overview of Domestic Transport Fleets
 - (3) Analysis of Scheduled Civil Flights and Routes
- 3.1.4 Analysis of Demand Forecast for Airliner Fleets

3.2 Analysis of Development of China Aviation Maintenance Industry

- 3.2.1 Analysis of Development Overview of Aviation Maintenance Industry
 - (1) Analysis of Development History of Aviation Maintenance Industry
 - (2) Analysis of Development Size of Aviation Maintenance Industry
 - (3) Analysis of Development Features of Aviation Maintenance Industry
 - (4) Analysis of Constellation Effect
 - (5) Analysis of Service Methods for Aviation Maintenance Industry
- 3.2.2 Development Overview of Maintenance Institutions Approved by CAAC
 - (1) Growth of Maintenance Institutions Approved by CAAC
 - (2) Distribution of Maintenance Institutions Approved by CAAC
 - (3) Analysis of Capability of Maintenance Institutions Approved by CAAC
- 3.2.3 Overview of Maintenance Training Institutions Approved by CAAC
 - (1) Distribution of Maintenance Training Institutions Approved by CAAC
 - (2) Capability of Maintenance Training Institutions Approved by CAAC
- 3.2.4 Overview of Human Resources of Maintenance System
 - (1) Total Amount of Maintenance Personnel
 - (2) Distribution of Maintenance Personnel by Maintenance Category
 - (3) Distribution of Maintenance Personnel by Seniority
 - (4) Distribution of Maintenance Personnel by Educational Background
 - (5) License Situation of Maintenance Personnel
 - (6) Quantity Statistics of Continuing Airworthiness Inspectors
 - (7) Analysis of Ratio between Maintenance Personnel and Machine

3.3 Analysis of Development Strategies for Aviation Maintenance Industry

- 3.3.1 SWOT Analysis of Aviation Maintenance Industry
 - (1) Analysis of Advantages of China Aviation Maintenance Industry
 - (2) Analysis of Disadvantages of China Aviation Maintenance Industry
 - (3) Analysis of Opportunities for China Aviation Maintenance Industry

- (4) Analysis of Threats of China Aviation Maintenance Industry
- 3.3.2 Analysis of Competition Structure of Aviation Maintenance Industry
 - (1) Analysis of Threats of Potential Entrants
 - (2) Analysis of Buyers' Bargaining Power
 - (3) Analysis of Suppliers' Bargaining Power
 - (4) Analysis of Threats of Substitutes
 - (5) Analysis of Competition among Current Companies
- 3.3.3 Analysis of Development Strategies for Aviation Maintenance Industry
 - (1) Analysis of Strategic Goals for Aviation Maintenance Industry
 - (2) Analysis of Overall Strategies for Aviation Maintenance Industry
 - (3) Analysis of Competition Strategies for Aviation Maintenance Industry
 - (4) Analysis of Strategies Implementation for Aviation Maintenance Industry
- 3.3.4 Analysis of MRO Development Strategies for Airlines Companies
 - (1) Analysis of MRO Mode for Airliners Companies
 - (2) Analysis of Wholly-owned Independent MRO Mode
 - (3) Analysis of Joint Venture MRO Mode for Airliner Companies
- 3.3.5 Problems in Maintenance System and the Strategies

Chapter 4: Analysis of China Aviation Engine Maintenance Market

4.1 Analysis of Demand for Aircraft Engine

- 4.1.1 Analysis of Development Overview of Aircraft Engine Industry
 - (1) Aircraft Engine Is An Vulnerable Part of Aviation Industry
 - (2) Analysis of Development History of Aircraft Engine Industry
 - (3) Analysis of Life Cycle of Aircraft Engine Industry
 - (4) Aircraft Engine Has Risen to National Strategies
- 4.1.2 Analysis of Industrial Pattern of Aircraft Engine
 - (1) Industrial Pattern of Commercial Aircraft Engine
 - (2) Industrial Pattern of General Aircraft Engine
 - (3) Industrial Pattern of Military Aircraft Engine
- 4.1.3 Analysis of Demand for Every Kind of Aircraft Engines in China
 - (1) Analysis of Demand for Aircraft Engine for Helicopter
 - (2) Analysis of Demand for Aircraft Engine for Light Fighter
 - (3) Analysis of Demand for Aircraft Engine for Trainer Jet
 - (4) Analysis of Demand for Aircraft Engine for Aircraft-Carrier
 - (5) Analysis of Demand for Aircraft Engine for Commercial Airliners
 - (6) Analysis of Demand for Engine for the Fourth Generation Fighter

4.2 Analysis of Import and Export Market of Aircraft Engine

- 4.2.1 Analysis of Export Market of Aircraft Engine
 - (1) Overall Export of Aircraft Engine
 - (2) Export Product Structure of Aircraft Engine
- 4.2.2 Analysis of Import Market of Aircraft Engine
 - (1) Overall Import of Aircraft Engine
 - (2) Import Product Structure of Aircraft Engine

4.3 Analysis of Aircraft Engine Maintenance Market

- 4.3.1 Analysis of Technologies for Aircraft Engine Health Assessment
 - (1) Concept and Meaning of Aircraft Engine Health Assessment
 - (2) Types and Features of Aircraft Engine Health Assessment
 - (3) Health Assessment on Gas Path Performance of Aircraft Engine
 - (4) Analysis of Health Assessment on Structure of Aircraft Engine
 - (5) Health Assessment on Mechanical System of Aircraft Engine
- 4.3.2 Analysis of NDT for Aircraft Engine
 - (1) A Role of NDT Played in Aircraft Engine
 - (2) Application of NDT in Aircraft Engine
 - (3) Problems of NDT in Aircraft Engine
 - (4) Development Prospects and Forecast for NDT Technology
- 4.3.3 Analysis of Aircraft Maintenance Management and Technologies
 - (1) Analysis of Aircraft Maintenance Technologies
 - (2) Analysis of Aircraft Maintenance Management
- 4.3.4 Latest Development Trends for Aircraft Engine Maintenance Market

Chapter 5: Analysis of Aviation Maintenance Technology Level and Application

5.1 Theories Related to Aviation Maintenance

5.1.1 Analysis of Aviation Maintenance Thought

- (1) Initial Aviation Maintenance Thought
- (2) Modern Aviation Maintenance Thought

5.1.2 Analysis of Aviation Maintenance Methods

- (1) Scheduled Maintenance
- (2) Condition-Based Maintenance
- (3) Condition Monitoring

5.1.3 Analysis of Failure Diagnosis Method

- (1) Fault Tree Analysis
- (2) Trend Chart Analysis

5.2 Overview of Aviation Maintenance Technologies and Methods\

5.2.1 Analysis of Failure-Analysis Technique

- (1) Analysis of Failure Forms
- (2) Analysis of Common Failures

5.2.2 Analysis of Maintenance Technologies and Process

- (1) Analysis of Riveting Repair
- (2) Analysis of Welding Repair
- (3) Analysis of Cementing Repair
- (4) Analysis of Heat Treatment
- (5) Analysis of Surface Treatment Technology
- (6) Analysis of Shot-Peening Technology
- (7) Analysis of Extrusion Strengthening Technology
- (8) Analysis of Electroplating Technology
- (9) Analysis of Thermal Spraying Coatings Technology

5.2.3 Analysis of NDT Methods

- (1) Analysis of Visual testing Method
- (2) Analysis of Ultrasound Testing Method
- (3) Analysis of X-ray Testing Method
- (4) Analysis of Vortex Detection Method
- (5) Analysis of Magnetic Particle Testing Method
- (6) Analysis of Penetration Testing Method

5.3 Aviation Maintenance Capability and Application

5.3.1 Analysis of Technology Capability of Aviation Maintenance Companies

- (1) Analysis of Maintenance Technology Level for Accessories of Airborne Part
- (2) Analysis of Capability of Overhaul Maintenance for Airplanes and the Engines
- (3) Analysis of Core Technology Capability of Aviation Maintenance Companies
- (4) Analysis of Development Capability of New Maintenance Technologies for New Types of

Aircrafts

5.3.2 Analysis of Application of Aviation Maintenance Technologies

- (1) Application of NDT in Aviation Maintenance
- (2) Analysis of Robot Application in Aviation Maintenance
- (3) Application of Heat Treatment System in Anti-corrosion of Blade
- (4) Application of Compound Materials in Engine Pod

如需了解报告详细内容，请直接致电前瞻客服中心。

全国免费服务热线：400-068-7188 0755-82925195 82925295 83586158

或发电子邮件：service@qianzhan.com

或登录网站：<https://bg.qianzhan.com/>

我们会竭诚为您服务!