

# **Global Aerospace & Defense Ice and Rain Protection System Market by Aircraft Type (Narrow Body, Wide Body, Very Large Aircraft, Regional, General Aviation, Helicopter, Military), by Platform Type (B737, B747, B777, B787, A320, A330/A340, A350, A380, B737Max, B777x, A320neo, E175, C Series, F35, Others), by Product Type (Engine Anti-Ice, Wing Anti-Ice, Ice Detector, Flight Window Heat, Windshield Wiper, Probe Heat, Drain & Water Line Heating), by System (Thermal Pneumatic, Thermal Electric, Chemical, Pneumatic), by Fit Type (Line,Retro), and by Region (North America, Europe, Asia-Pacific, RoW), Trend, Forecast, Competitive Analysis, and Growth Opportunity: 2016-2021**

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## **Abstracts**

This is the ONGOING report. If ordered it could be delivered in 2-3 weeks timeframe.

This report, from Stratview Research, studies the global aerospace and defense ice and rain protection systems market over the period 2010 to 2021. The report provides detailed insights on the market dynamics to enable informed business decision making and growth strategy formulation based on the opportunities present in the market.

The Global Aerospace and Defense Ice and Rain Protection Systems Market: Highlights

Rain, snow, and ice are air transportation's longtime enemies. Any deposit of ice on the external surfaces of an aircraft, such as wings, engine, and stabilizers, may drastically affect its performance. The affect can be a reduced aerodynamic lift and increased aerodynamic drag resulting from the disturbed airflow over the airfoil surfaces, or due to the weight of the deposit over the whole aircraft.

Ice and rain protection system comprises wing anti-ice system, engine anti-ice system, probe heat, ice detectors, windshield wiper system, and flight deck window heat, and drain and water line heating system. Thermal pneumatic system, thermal electric, chemical, and pneumatic systems are used to de-ice the aircraft.

The aerospace & defense ice and rain protection systems market offers a robust growth opportunity during the forecast period of 2016 to 2021. Narrow body and wide body aircraft segments are expected to remain the growth engine of the global aerospace & defense ice and rain protection systems market during the forecast period.

North America is expected to remain the largest market for global aerospace & defense ice and rain protection systems in the next five years. Asia-Pacific region is likely to experience the fastest growth, driven by demand of ice and rain protection system in emerging economies, such as China and India.

The supply chain of this market comprises raw material manufacturers, ice and rain protection system manufacturers, aircraft OEMs, and airline companies. The key aircraft OEMs are Boeing, Airbus, Lockheed Martin, Bombardier, Embraer, ATR, Cessna, and Gulfstream. They key airline companies are Air Asia, Delta Airlines, Lufthansa Airlines, and American Airlines.

The key ice and rain protection system manufacturers for aerospace & defense industry are ECE (Zodiac Aerospace), Dukes Aerospace Inc, GKN Aerospace, Ultra Electronics Controls Division, ESW GmbH, and UTC Aerospace Systems, Sensors & Integrated Systems. New product development, long term contracts, and collaboration with OEMs are the key strategies adopted by the key players to gain competitive edge in the market.

## **Research Methodology**

This report offers high quality insights and is the outcome of detailed research methodology comprising extensive secondary research, rigorous primary interviews with

industry stakeholders and validation and triangulation with Stratview Research's internal database and statistical tools. More than 500 authenticated secondary sources, such as company annual reports, fact book, press release, journals, investor presentation, white papers, patents, and articles have been leveraged to gather the data. About 10 detailed primary interviews with the market players across the value chain in the all four regions and industry experts have been executed to obtain both the qualitative and quantitative insights.

## **Report Features**

This report provides market intelligence in the most comprehensive way. The report structure has been kept such that it offers maximum business value. It provides critical insights on the market dynamics and will enable strategic decision making for the existing market players as well as those willing to enter the market. The following are the key features of the report:

Market structure: Overview, industry life cycle analysis, supply chain analysis

Market environment analysis: Growth drivers and constraints, Porter's five forces analysis, SWOT analysis

Market trend and forecast analysis

Market segment trend and forecast

Competitive landscape and dynamics: Market share, product portfolio, product launches, etc.

Attractive market segments and associated growth opportunities

Emerging trends

Strategic growth opportunities for the existing and new players

Key success factors

The global aerospace & defense ice and rain protection system market is segmented into the following categories.

## Global Aerospace & Defense Ice and Rain Protection System Market by Aircraft Type:

Narrow Body Aircraft

Wide Body Aircraft

Very Large Aircraft

Regional Aircraft

General Aviation

Helicopter

Military Aircraft

## Global Aerospace & Defense Ice and Rain Protection System Market by Platform:

B737

B747

B777

B787

A320 Family

A330/A340

A350XWB

A380

B737 Max

B777x

A320neo

E175

C Series

F35

Others

#### Global Aerospace & Defense Ice and Rain Protection System Market by Product Type:

Engine Anti-ice

Wing Anti-ice

Ice Detectors

Flight Deck Window Heat

Windshield Wiper

Probe Heat

Drain and Water Line Heating

#### Global Aerospace & Defense Ice and Rain Protection System Market by System Type:

Thermal Pneumatic System

Thermal Electric System

Chemical System

Pneumatic System

## Global Aerospace & Defense Ice and Rain Protection System Market by Fit Type:

Line Fit

Retrofit

## Global Aerospace & Defense Ice and Rain Protection System Market by Region:

North America

Europe

Asia – Pacific

Rest of the World

## Report Customization Options

With this detailed report, Stratview Research offers one of the following free customization options to our respectable clients:

### Company Profiling

Detailed profiling of additional market players (upto 3)

SWOT analysis of key players (upto 3)

### Geographic Analysis

Further segmentation of North America into USA, Canada, and Mexico

### Regional Segmentation

Current market segmentation of any one of the regions by product type

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