Battling Blazes from Above : The Firefighting Aircraft Market Takes Flight From 2021 to 2030 | AMR

PORTLAND, OREGAON, UNITED STATES, October 26, 2023 /EINPresswire.com/ -- According to a recent report published by Allied Market Research, titled, "Firefighting Aircraft Market by Type, Service Provider, Max. Takeoff Weight, and Water Capacity: Global Opportunity Analysis and Industry Forecast, 2021–2030," the global firefighting aircraft market was valued at $8.85 billion in 2020, and is projected to reach $16.47 billion by 2030, registering a CAGR of 6.5% from 2021 to 2030.

Firefighting Aircraft Market Size

Asia-Pacific dominates the market, in terms of revenue, followed by North America, Europe, and LAMEA. China dominated the global firefighting aircraft market share in 2020. South Korea is expected to grow at a significant rate during the forecast period, owing to increase in demand for aircraft designed to tackle fire incidents across the country.

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Firefighting aircraft are special type of aircrafts which are used to tackle forest, industrial and other types of life threatening fire incidents which take place at different locations. These aircrafts are designed in such a way that store a huge amount of water or other fire retarding chemical and during their flight, they sprinkle or bomb water over fire affected location to control the fire from further spread. Companies have been developing a wider range of firefighting aircrafts which has the ability to operate efficiently in handling fire situations and at the same time are used for numerous rescue operations.

Firefighting aircrafts are designed in such a way that they can refill their storage tanks multiple times during a single flight through available water source such as sea, river, ponds or similar sources. Since firefighting aircrafts include helicopters, key manufacturers operating toward

developing helicopters have transformed their existing helicopter lineup so that they can be used in firefighting applications. Meanwhile, governments across the globe are also transforming their existing aircraft fleet into firefighting aircrafts, which can be used in all such situations.

In addition, numerous product developments & launches have been carried out by key companies such as Airbus, Lockheed Martin Corporation Kaman Corporation and others which also supplements the growth of the market across the globe. For instance, since June, 2021, Airbus is developing A400M aircraft, which is expected to soon be used as a fire fighting aircraft. In addition, in May, 2021, Airbus launched H215 helicopters, which has the capability to operate continuously in all working environment and can operate 365 days a year. Such developments carried out by other companies supplements growth of the market across the globe.

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The global firefighting aircraft market size is segmented into type, service provider, max. takeoff weight, water capacity, and region. By type, the market is segmented into fixed wing and multi-rotor. By service provider, it is segmented into firefighting organizations and military. By max. takeoff weight, the global market has been segmented into below 50,000 kg and above 50,000 kg. By water capacity, it is segmented into less than 5,000 ltr, 5,000 –10,000 ltr, and more than 10,000 ltr. By region, the global market is studied across North America, Europe, Asia-Pacific, and LAMEA.

Factors such as use of general aircrafts to extinguish wildfire and increase in fire-related incidents in the oil & gas industry supplements growth of the market by increase in demand for efficient firefighting aircrafts. Moreover, delayed delivery of aircraft and high capital requirement creates barrier for growth of the market. However, entering into contract & agreements for long-term business opportunities and incorporation of new technologies to put out fire creates ample opportunities for growth of the market during the forecast period.

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By type, the multi-rotor segment is expected to register a significant growth during the forecast period.

Depending on service provider, the military segment is anticipated to exhibit significant growth in the future.

By max. takeoff weight, the above 50,000 kg segment is anticipated to exhibit significant growth in the future.

By water capacity, the 5,000–10,000 ltr segment is anticipated to exhibit significant growth in the future.

LAMEA is anticipated to register the highest CAGR.

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Airbus SE,
Bombardier,
Coulson Aircrane LTD.,
Kaman Corporation,
Lockheed Martin Corporation,
SAAB,
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