

Aerospace Filter Market Sales Channel (OEM and Aftermarket)- Opportunity Analysis and Industry Forecast 2020-2030.

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PORTLAND, OR, UNITED STATES, December 16, 2021 /EINPresswire.com/ -- Filters are equipment that keep dirt, solid particles, and debris from entering and accumulating in the aircraft engines, hydraulic system, aircraft cylinders, cabins, and others places. Air filters plays a very vital function in the maintenance and efficiency of the aircrafts. It aids in improving performance and efficiency, as well as supplying passengers with clean air. These filters help in reducing maintenance costs and ensures safer and smooth operation. Various manufacturers provides specific filters that can be used in low temperature environments, without the need for antifreeze or mechanical heating systems. With rising disposable income of continuously expanding population around the globe, especially in the developing economies demand for aircrafts, rising demand for replacement of aerospace filters, rising demand for military UAVs and increasing regulations on emissions of aircrafts are some of the primary factors driving the growth of the global aerospace filters market during the forecast period. Aerospace filters are comprising of filtering materials, that help in separating impurities from fuels as well as prevent contamination of the fuel.

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Major Market Players:

Parker Hannifin Corporation, Freudenberg & Co. KG, Donaldson Inc., Pall Corporation, Clarcor Inc., Porvair PLC, Amphenol Corporation, Camfil, Swift Filters Inc., Hollingsworth & Vose, PTI Technologies, Recco Filters, Ltd., Purolator Facet, Inc., Norman Filter Company, Eaton Filtration

The outbreak of the disease is expected to moderately stifle market growth in the short term, owing to the temporary suspension of activities across the aviation sector as a result of government restrictions such as travel bans and nationwide lockdowns in many parts of the world, which have had a negative impact on the commercial aviation sector as the tourism sector is down. The logistics business was further damaged by global trade restrictions. Furthermore, a halt in aircraft production due to a lack of manpower and raw materials as a result of supply chain disruption might restrict market growth for the next six to eight months. As a result, the frequency of air travel has decreased significantly since the outbreak was

declared a pandemic by the World Health Organization, which is difficult to contain. Even though the pandemic's duration is still unknown, a drop in aircraft production and maintenance is expected in the short term. Thus, all such factors are anticipated to inhibit commercial aviation aircraft filter market growth.

The short replacement cycle of an aircraft filter is a key factor driving demand in the MRO segment. The replacement cycle of an aircraft filter depends on the number of flight hours and calendar days. This cycle can range from 6 months to 18 months, and from 300 flight hours to 3,500 flight hours. High passenger traffic means a high number of cycles for the aircraft filters. For instance, according to World Bank data, the number of passengers traveling by air increased around 6%, an increase of around 1.8 billion passengers in a decade. A similar increase in air traffic post will reinforce the demand for aircraft filters and drive the market.

Significant research & development is being conducted in the field of electric and alternate fuel aircraft, such as hydrogen aircraft, to reduce the carbon footprint of aircraft in the long term. Since electric aircrafts are relatively simpler in construction, they require a lesser number of parts, including filters. Also, since there would be no fuel to be combusted, the need for fuel filters would be altogether eliminated. This could be a major challenge for aircraft filter manufacturers.

For instance, a hybrid EVTOL based urban air mobility option is a startup named Urban Aeronautics Ltd., based in Israel, established in 2001. The company has begun production of hydrogen-powered urban air mobility solutions that include emergency medical services (EMS) aircraft. The rise of such aircraft that do not use jet fuel may pose a significant challenge to the aircraft fuel filters market.

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Key Benefits of the Report

- This study presents the analytical depiction of the aerospace filter market along with the current trends and future estimations to determine the imminent investment pockets.
- The report presents information related to key drivers, restraints, and opportunities along with challenges the aerospace filter market.
- The current market is quantitatively analyzed from 2020 to 2030 to highlight the market growth scenario.
- The report provides a detailed aerospace filter market analysis based on competitive intensity and how the competition will take shape in coming years.

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