Aircraft Fuel Systems Market By Application (Military, Commercial, UAV), By Engine Type (UAV Engine, Turbojet Engine, Turbofan Engine, Turboprop Engine), By Component (Piping, Pump, Valve, Gauges, Inerting Systems, Filters), By Technology (Gravity Feed, Fuel Feed, Fuel Injection): Global Opportunity Analysis and Industry Forecast, 2023-2032

Market Report | 2023-06-01 | 326 pages | Allied Market Research

AVAILABLE LICENSES:

- Cloud Access License $3110.40
- Business User License $5157.00
- Enterprise License $8640.00

Report description:

An aircraft fuel system is a complex arrangement of components and subsystems that work together to store, manage, and deliver fuel to the engines of an aircraft. Fuel tanks, pumps, valves, filters, meters, pipes, and other components enable fuel to be loaded, stored, and transported to the engines. It also includes various safety features to monitor and control the fuel supply, such as fuel quantity indicators, fuel level sensors, and fuel leak detection systems. The design and configuration of an aircraft fuel system may differ depending on the type, size, and purpose of the aircraft.

In modern passenger or cargo aircraft with multiple engines, the fuel system is more elaborate. It comprises multiple fuel tanks located in the wings, fuselage, and sometimes the empennage (tail section). Each tank is equipped with internal fuel pumps, valves, and plumbing to supply fuel to the engines, facilitate refueling and defueling, isolate individual tanks, and, in some cases, allow for fuel dumping or optimizing the center of gravity aircraft.

The increase in military expenditures of nations around the globe to strengthen their aerial capabilities, long-term aircraft modernization contracts signed by global players with governments around the world, and extensive research and development carried out to improve output of military aircraft engines to support segment opportunities during the forecast period are all factors that expected to propel segment growth during the forecast period. For instance, in April 2023, Romania stated that it intends to acquire the latest generation of the U.S. F-35 fighter planes to improve its air defense capabilities. The F-35 is a technologically advanced fighter aircraft with advanced stealth, firepower, and situational awareness capabilities.

This rise in military aircraft purchases contributes to the expansion of the military segment of the aircraft fuel systems market.

The commercial aviation industry is experiencing notable growth due to various factors such as the expansion of global trade, economic advancement, and enhanced connectivity. This growth directly leads to an increased need for fuel systems in commercial aircraft. Furthermore, the consistent growth in air passenger traffic is generating demand for more fuel efficient and technologically advanced aircraft. Fuel systems play a crucial role in optimizing fuel consumption and reducing operational expenses for airlines. These factors contribute to the growth of the commercial sector within the aircraft fuel systems market.

Key Benefits For Stakeholders

-This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the aircraft fuel systems market analysis from 2022 to 2032 to identify the prevailing aircraft fuel systems market opportunities.

-The market research is offered along with information related to key drivers, restraints, and opportunities.

-Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.

-In-depth analysis of the aircraft fuel systems market segmentation assists to determine the prevailing market opportunities.

-Major countries in each region are mapped according to their revenue contribution to the global market.

-Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.

-The report includes the analysis of the regional as well as global aircraft fuel systems market trends, key players, market segments, application areas, and market growth strategies.

Key Market Segments

By Application

- UAV
- Military
- Commercial

By Engine Type

- UAV Engine
- Turbojet Engine
- Turbofan Engine
- Turboprop Engine

By Component

- Piping
- Pump
- Valve
- Gauges
- Inerting Systems
- Filters

By Technology

- Gravity Feed
- Fuel Feed
- Fuel Injection

By Region

- North America
- U.S.
- Canada
- Mexico
- Europe
- UK
- Germany
- France

- Russia
- Rest of Europe
- Asia-Pacific
- China
- Japan
- India
- South Korea
- Rest of Asia-Pacific
- LAMEA
- Latin America
- Middle East
- Africa
- Key Market Players
- Collins Aerospace
- Crane Company
- Eaton Corporation
- GKN Aerospace Services Limited.
- Honeywell International Inc.
- Parker Hannifin Corporation
- Safran S.A.
- Secondo Mona S.p.A.
- Triumph Group, Inc.
- Woodward, Inc

Table of Contents:

Aircraft Fuel Systems Market By Application (Military, Commercial, UAV), By Engine Type (UAV Engine, Turbojet Engine, Turbofan Engine, Turboprop Engine), By Component (Piping, Pump, Valve, Gauges, Inerting Systems, Filters), By Technology (Gravity Feed, Fuel Feed, Fuel Injection): Global Opportunity Analysis and Industry Forecast, 2023-2032

Market Report | 2023-06-01 | 326 pages | Allied Market Research

To place an Order with Scotts International:

- - Print this form
- - Complete the relevant blank fields and sign
- - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Cloud Access License	$3110.40
	Business User License	$5157.00
	Enterprise License	$8640.00
	VAT	
	Total	

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*		Phone*	
First Name*		Last Name*	
Job title*			
Company Name*		EU Vat / Tax ID / NIP number*	

Address*		City*	
Zip Code*		Country*	
		Date	2025-05-08
		Signature	