Global Aerostat Systems Market Insights, Opportunity, Analysis, Market Shares And Forecast 2017 - 2023

Description: The global aerostats systems market is expected to reach $11 billion by 2022 growing at 15% CAGR during 2016-2022. There is a significant rise in demand for aerostats systems for security and surveillance purpose, which is a major driver for the market. The aerostats systems are cost effective as they acquires low operational cost. Moreover, numerous advantages and versatile applications lead to increase demand from military and weather & communication sectors. Growth in demand from surveillance and homeland security sectors are also expected to create steady rise in demand for these systems on global scale.

However, market competition from alternative technologies such as airships is a major challenge for the market. However, due the growing defence industries and increasing demand for environmental monitoring will create strong opportunity for the market. Some of the major players in the global Aerostat systems market are Aerostar International, Inc, ILC Dover LP, Israel Aerospace Industries Ltd., Lindstrand Technologies, Ltd, Lockheed Martin Corporation, RosAeroSystems, International Ltd, RT Aerostat Systems, Inc., TCOM L.P., Worldwide Aeros Corporation and so on.

The report segments the global aerostats systems market on the basis of size, balloon type, payload, applications and geography. On the basis of balloon type the market is segmented into two types; spheroidal balloon and ellipsoidal balloon. Currently the market is dominated by ellipsoidal balloon type which is also growing at the highest CAGR during the forecasted period of 2016-2022.

On the basis of payload the market is segmented into electro-optics, communication intelligence, thermal imaging camera, electronic intelligence, surveillance radar, and internal navigation system. Currently the market is dominated by communication intelligence contributing 30% of the market share. Emerging communication technologies are the major driver for the tremendous growth in communication intelligence market for aerostats. However, due to the increasing demand and requirements from the surveillance sector companies are more focusing on security and surveillance. This seems to the major growth in the market during through 2021. The surveillance radar is the highest growing segment among payloads during 2016-2022.

On the basis of applications the market is segmented in to in military, home guard security, commercial application, and environmental research. Currently the application market of aerostat systems is dominated by military applications. Aerostats systems are cost effective as compared to alternatives such as airships which lead to increased demand from the military sector. However, over the forecasted period it is estimated that the home guard security and environmental research sector will witness high demand. There has been a significant rise in demand for weather monitoring due to dynamic weather conditions. The environmental research is the fastest growing application segment growing at 17% CAGR during 2016-2022.

The regional paradigm of global aerostats market is dominated by the North America region, followed by Europe. The growing commercial applications of the aerostats systems in north America region is the major driver. Asia Pacific possess significant market opportunities over the forecasted period due to increasing investments in the security and surveillance sector and rising adoption trends in various application sectors. However, Middle East is expected to grow at the highest CAGR during the forecasted period.
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