FLIR Designator Targeting Pods Market Product Development Strategies by Prominent Players

FLIR Designator Targeting Pods Market by Component , by Fit and by Platform : Global Opportunity Analysis and Industry Forecast, 2023-2032

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NEW CASTLE, DELAWARE, UNITED STATES, September 18, 2023 /EINPresswire.com/ -- The global FLIR (forward-looking infrared) designator targeting pods market is experiencing a significant growth due to increasing demand for enhanced targeting systems. Targeting pods are target designation devices that identify & guide weapons on the designated target. The sensors installed in forward-looking infrared cameras use detection of infrared radiation emitted from a heat source or thermal radiation, to create an image assembled for target designation. Targeting pods are used in precision-guided munitions (PGM) such as laser-guided weaponry. Moreover, targeting pods can be used as surveillance system to detect, auto-track, and identify targets over long distances utilizing laser spot tracker for receiving reflected range-finder signal.

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Targeting pod system manufacturers are forced to shut down production operations due to government-imposed lockdown to slow the spread of COVID-19.

Military agencies are witnessing delay in procurement of targeting pods due to disruption in supply chain caused by the government initiatives to control the COVID-19 outbreak.

Governments worldwide are diverting financial resources to healthcare services as priority in the wake of COVID-19 pandemic; hence, creating budget constraints for military agencies.

Research & development of targeting pod system is adversely affected due to lack of workforce caused by the travel bans imposed by governments globally to slow the spread of COVID-19.

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Surge in military aircraft upgradation program, increase in demand for aircraft payload-based targeting systems, and rise in adoption of short-wave infrared (SWIR) are the factors that drive the global FLIR designator targeting pods market. However, high cost associated with development & development of targeting pods and stringent policies against transfer of technology hinder the market growth. On the contrary, developments in optical electro-targeting systems, space warfare technology, and fifth-generation fighter aircrafts present new pathways in the industry.

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The global FLIR designator targeting pods market trends are as follows:

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Military agencies are investing in procurement of modern targeting pods for integration into aging aircrafts to enhance target engagement capabilities. For instance, in 2019, the US Department of Defense has placed a 329 million USD contract with the Sierra Nevada Corporation (electronic systems provider and systems integrator specializing in microsatellites, telemedicine, and commercial orbital transportation services headquartered in Nevada, US) to manufacture 12 A-29 Super Tucano aircraft for the Nigerian Air Force (NAF). The A-29 Super Tucano, is a Brazilian turboprop light attack aircraft designed and built by Embraer SA (Brazilian defense conglomerate). The A-29 Super Tucano carries a wide variety of weapons, including precision-guided munitions, and was designed to be a low-cost system operated in low-threat environments. In addition to its manufacture in Brazil, Embraer has set up a production line in the United States in conjunction with Sierra Nevada Corporation for the manufacture of A-29's to many export customers. The contract includes FLIR designator targeting pods for six of the aircraft. In addition to the 12 aircraft, the contract provides for ground training equipment, mission planning systems, mission debrief systems, spares, ground support equipment and support services. Such surge in military aircraft upgradation program is expected to boost the global FLIR designator targeting pods market.

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This study presents the analytical depiction of the global FLIR designator targeting pods industry 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 detailed analysis of the global FLIR designator targeting pods market share.

The current market is quantitatively analyzed to highlight the global FLIR designator targeting pods market growth scenario.

Porter’s five forces analysis illustrates the potency of buyers & suppliers in the market.

The report provides a detailed global FLIR designator targeting pods market analysis based on competitive intensity and how the competition will take shape in coming years.

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Which are the leading market players active in the FLIR designator targeting pods market?

What are the current trends that will influence the market in the next few years?

What are the driving factors, restraints, and opportunities in the market?

What are the projections for the future that would help in taking further strategic steps?

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