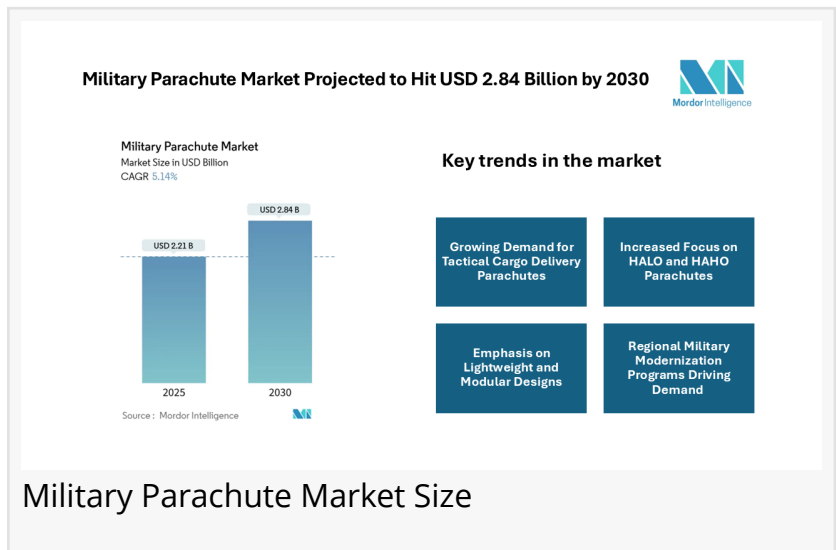


Military Parachute Market to Reach USD 2.84 Billion by 2030 – Mordor Intelligence

Key growth drivers for the military parachute market are the modernization of airborne infantry units to support swift personnel movement in tactical zones.

HYDERABAD, TELANGANA, INDIA, July 24, 2025 /EINPresswire.com/ -- As per a Mordor Intelligence report on the military parachute industry is projected to grow from USD 2.21 billion in 2025 to USD 2.84 billion by 2030. This steady growth reflects a compound annual growth rate (CAGR) of 5.14% over the forecast period. The [military parachute market](#) growth is supported by increased demand for aerial delivery systems and personnel deployment capabilities across armed forces worldwide



Key Market Trends

1. Growing Demand for Tactical Cargo Delivery Parachutes

There is a rising need for aerial resupply systems that can accurately deliver equipment, food, and ammunition to remote or contested areas. This has boosted the adoption of cargo parachutes, particularly those designed for precision-guided delivery.

2. Increased Focus on High-Altitude, Low-Opening (HALO) and High-Altitude, High-Opening (HAHO) Parachutes

Elite forces and special operations units are increasingly using HALO/HAHO parachutes for stealth insertions into hostile or sensitive environments. These parachutes allow for silent, high-altitude entry while maintaining minimal detection risk.

3. Emphasis on Lightweight and Modular Designs

Modern military operations demand lightweight, durable, and modular parachute systems that

can be adapted for various load weights and mission types. There is a trend toward using low-bulk, high-strength materials to enhance mobility and storage efficiency.

4. Regional Military Modernization Programs Driving Demand

Countries across Asia-Pacific, the Middle East, and Eastern Europe are upgrading their airborne infantry and logistics capabilities. This modernization includes procurement of new personnel and cargo parachute systems, stimulating regional market growth.

Market Challenges

1. Stringent Regulatory and Safety Requirements

Military parachute systems must meet rigorous safety, performance, and certification standards, including airworthiness and environmental testing. Any delays or failures in meeting these benchmarks can hinder product approvals, especially for new or upgraded designs.

2. High Development and Testing Costs

The R&D and testing phase for military parachutes involves extensive simulation, drop trials, and environmental assessments, which require significant investment. This is especially challenging for smaller manufacturers or emerging market players with limited defence budgets or technological infrastructure.

3. Limited Product Differentiation

Despite technological advancements, basic parachute designs have limited variation, which can lead to price-based competition rather than innovation-driven differentiation. This makes it harder for new entrants to establish a foothold without offering highly specialized features.

Industry Response and Outlook

The military parachute market is responding to evolving defense needs with a focused shift toward precision, durability, and mission-specific applications. Manufacturers are increasingly adopting advanced materials such as low-bulk, high-strength fabrics and modular canopy systems to meet the operational demands of modern armed forces. There is a growing emphasis on developing high-altitude parachute systems like HALO and HAHO, especially for special operations units. In response to rising defense budgets and regional conflicts, countries are prioritizing rapid troop deployment and aerial logistics, driving sustained interest in both personnel and cargo parachutes. Additionally, governments in regions like Asia-Pacific and the Middle East are encouraging indigenous production, which has prompted both global and local players to strengthen their manufacturing and compliance capabilities.

Looking ahead, the market is expected to maintain steady growth as military forces modernize their airborne divisions and invest in multi-role parachute systems. While North America will likely retain a significant share due to consistent procurement by the United States, emerging markets in Asia-Pacific are anticipated to show robust expansion.

Major Players

The military parachute market is led by key industry players including Airborne Systems North America, Safran SA, Irvin GQ, Aerodyne Research LLC, and Mills Manufacturing Corporation. These companies play a critical role in supplying advanced parachute systems tailored for diverse military operations, ranging from personnel deployment to precision cargo delivery. Airborne Systems North America is widely recognized for its comprehensive portfolio of tactical and training parachutes, while Safran SA brings global expertise in high-performance aerial systems. Irvin GQ specializes in mission-critical parachute recovery and aerial delivery solutions. Aerodyne Research LLC focuses on innovative canopy designs and tactical applications, and Mills Manufacturing Corporation maintains its reputation for producing high-quality, U.S. military-standard parachutes. Together, these firms represent the backbone of the global military parachute industry, driven by reliability, design excellence, and strategic defence partnerships.

Conclusion

The military parachute market is set for steady growth as defence forces prioritize rapid deployment and aerial mobility in increasingly complex operational environments. The market is being shaped by evolving tactical needs, regional defence developments, and growing emphasis on self-reliance in military equipment. With key players adapting to changing mission profiles and global procurement trends, the sector is expected to remain a vital component of modern military logistics and deployment strategies through 2030.

Check out more details and stay updated with the latest industry trends, including the Japanese version for localized insights -

https://www.mordorintelligence.com/ja/industry-reports/parachute-market?utm_source=einpr

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