

Unmanned Aerial Systems (UAS): Market Shares, Strategies, and Forecasts, Worldwide, 2012 to 2018

<https://marketpublishers.com/r/U1FB2904747EN.html>

Date: June 2012

Pages: 590

Price: US\$ 3,700.00 (Single User License)

ID: U1FB2904747EN

Abstracts

WinterGreen Research announces that it has published a new study Unmanned Aerial Systems (UAS): Market Shares, Strategy, and Forecasts, Worldwide, 2012 to 2018. The 2012 study has 910 pages, 315 tables and figures. Worldwide markets are poised to achieve significant growth as the unmanned aerial systems provide a way to automate surveillance of wide areas and implement strategic military missions that strike at terrorists without injuring civilians.

Unmanned Aerial Vehicles (UAVs) are remotely piloted or self-piloted aircraft that can carry cameras, sensors, communications equipment or other payloads. UAVs are smaller than manned aircraft. They are cost-effectively stored and transported. UAVs make significant contributions to the fighting capability of operational war forces.

Drones are technically known as unmanned aerial vehicles, or UAVs. These aircraft, however, are used for air strikes, they are used by governments. Human rights activists, environmental groups and journalists are using drones in their work. Drones can fly above news events to capture images that reporters may not be able to get close to on the ground.

UAS drone is used in the deserts of Yemen or the mountains of Afghanistan. There are 64 drone bases in the US. That includes 12 locations housing Predator and Reaper unmanned aerial vehicles. Drones can be armed. bases are used as remote cockpits to control the robotic aircraft overseas, for drone pilot training. Others serve as analysis depots.

Growth in unmanned combat aerial vehicles (UCAV) has coincided with an increase in endurance limit and an increase in mission capabilities of UAVs. In general in the

military there has been an increase in awareness and mission capabilities of UAVs creating an equation for growth. UAVs can perform dangerous missions without risking human life.

High altitude long endurance (HALE) UAV provides a cost effective and persistent capability to collect and disseminate high quality data across wide areas. Solar powered UAVs have a demonstrated endurance of more than 300 hours

Northrop Grumman has strong international interest in Global Hawk. Deals are being negotiated with Japan, South Korea, and the United Arab Emirates for the Fire Scout.

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