

## Unmanned Aerial Vehicles (UAV) And Systems: Market Research Report

https://marketpublishers.com/r/UD0F7CF3D7CEN.html

Date: October 2011

Pages: 501

Price: US\$ 4,500.00 (Single User License)

ID: UD0F7CF3D7CEN

## **Abstracts**

This report analyzes the worldwide markets for Unmanned Aerial Vehicles (UAV) and Systems in US\$ Millions.

The report provides separate comprehensive analytics for US, Europe, Asia-Pacific, Middle East, and Rest of World.

Annual estimates and forecasts are provided for the period 2009 through 2017.

The report profiles 109 companies including many key and niche players such as AAI Corporation, Aerosonde Pty Ltd., Bell Helicopters, Aeronautics Defense Systems Ltd., AeroVironment, Inc., Alenia Aeronautica S.p.A., Aurora Flight Sciences, BAE Systems Plc, CybAero AB, European Aeronautic Defence and Space Company EADS NV, Elbit Systems Ltd., General Atomics Aeronautical Systems, Inc., Honeywell Aerospace, Israel Aerospace Industries Ltd., Northrop Grumman Corporation, QinetiQ Group Plc, Raytheon Company, Redtide Defense Group, Sagem Défense Sécurité, Science Applications International Corporation, Thales SA, The Boeing Company, and V-TOL Aerospace Pty Limited.

Market data and analytics are derived from primary and secondary research.

Company profiles are mostly extracted from URL research and reported select online sources.



## **Contents**

#### 1. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS

Study Reliability and Reporting Limitations
Disclaimers
Data Interpretation & Reporting Level
Product Definitions and Scope of Study

#### 2. INDUSTRY OVERVIEW

A Prelude
Unrestrained Growth in UAS Market
US Enjoys Undisputed Dominance in World UAV Market

**Table 1.** US Civil Aerospace Products Market (2010): Percentage Share Breakdown of Production by Product Type (includes corresponding Graph/Chart)

International Terrorism – A Crucial Mission for DoD

UAV Ground Operator Equipment – An Overview

Defense Procurement Programs

Growth Prospects Tied to Defense and Military Spending

Outlook

Noteworthy Market Trends & Issues

Unmanned Aerial Vehicles – New Programs Perk Up

Growth Prospects of Civil UAS System

Increasing Safety-Awareness Boosts Flight Simulation Market

Joint Design Manufacturing Gaining Ground

Commercialization of High-Resolution Imagery: Still in its Infancy

High-Speed Data Link Communications Systems to Spell Doom for Radars

#### 3. LEADING PLAYERS

Global Unmanned Aerial Systems Market: Top Companies, Their UAV Offerings, and First Flight

Global Unmanned Aerial Systems Market: Top Companies and Their Public UAV Offerings

LiDAR Technology Gaining Wide Acceptance Globally



Global Unmanned Aerial Systems Market: Top Companies and Their Foreign and/or Private UAV Offerings

Global Unmanned Aerial Systems Market: Type of Small UAV Offerings by Company and Their Key Customers

Global Unmanned Aerial Systems Market: Type of Micro UAV Offerings by Company and Their Key Customers

#### 4. PRODUCT OVERVIEW

Definition of Unmanned Aerial Vehicle (UAV)

History of UAV

Degree of Autonomy

Functions of UAVs

Remote Sensing

Transport

Scientific Research

**Precision Strikes** 

Search and Rescue

Types of UAVs

Tactical UAVs (TUAVs)

Hunter/ Joint Tactical UAV

Endurance UAVs (EUAVs)

Types of EUAVS

Medium Altitude Endurance UAV (Predator)

High Altitude Endurance UAV (Global Hawk)

Micro UAVs (MUAVs)

Small UAVs (SUAVs)

Uninhabited Combat Air Vehicles (UCAVs)

**Table 2.** Various Categories of Unmanned Aerial Vehicles (UAVs)

Unmanned Aerial Vehicles (UAVs) by Company and Country

**Table 3.** Global Unmanned Aerial Vehicles Market: Percentage Breakdown of Volume Production by Category - Mini-UAVs, Tactical UAVs, MALE UAVs, Civil UAVs, and Other UAVs for Years 2009, 2012, and 2015 (includes corresponding Graph/Chart)



# **Table 4.** Global Unmanned Aerial Vehicles Market: Select UAVs and Their Respective Capabilities

US Military UAV Classification

**US Marine Corps Tiers** 

Tier N/A

Tier I

Tier II

Tier III

**US Air Force Tiers** 

Tier N/A

Tier I

Tier II

Tier II+

Tier III-

**US Army Tiers** 

Tier I

Tier II

Tier III

US Army FCS (Future Combat Systems) Classes

Classification of UAVs - By Application Type

Intelligence, Surveillance and Reconnaissance (ISR) UAVs

Logistics UAVs

Target and Decoy UAVs

Unmanned Combat Aerial Vehicle (UCAV)

**UCAV Mission Management and Control Functions** 

Classification of UCAV Systems

Armed ISR UCAVs

Large, Advanced, & Stealthy UCAVs

Small, Agile, & Expendable UCAVs

Other Categories of UCAV

Disposable UCAVs

Retrievable UCAVs

Advantages

Cost per Target Killed

Design Advantage

Operational Advantage

**UCAV** Challenges

Likely Contributions for an Aerial Campaign



Research and Development UAVs

Commercial and Civil UAVs

Applications of UAVs

Military Applications

**Civil Applications** 

**Commercial Applications** 

Scientific Applications

**Security Linked Applications** 

Advantages of UAVs

Limitations of UAVs

Summary of UAV Programs

United States Air Force

Predator (RQ-1)

Predator B

Global Hawk

Army

Shadow

Hunter

Navy/Marine Corps

Pioneer (RQ2)

Firescout

**Dragon Drone** 

Dragon Eye

Joint - The Tactical Control System (TCS)

Other Initiatives

Centers of Excellence/Laboratories

Joint Operational Test Bed System (JOTBS)

Challenges

Operational Issues

Multiple UAV Deployment

Roles Beyond ISR

**National Airspace Procedures** 

Operator Qualification, Training, and Proficiency

Command and Control

Dynamic Tasking/Retasking

**Cultural Issues** 

Integration of Manned and Unmanned Aviation

Attritability vs. Expendability vs. Affordability

Joint Requirements



Degree of Autonomy Non-Systems Approach to UAVs Continued Growth of UAV Advantages

#### 5. PRODUCT INTRODUCTIONS/INNOVATIONS

TiaLinx Unveils Phoenix40-A Mini-UAV System

Swallow Systems Launches Skimmer UAV

Avibras to Flight-Test Falcao Unmanned Aerial Vehicle

Azad Systems Begins Production of Orbiter and Aerostar Unmanned Aerial Vehicles

Universiti Sains Malaysia Launches UAV Greeentech 2010

Denel Develops Seeker II Tactical Robotic Reconnaissance Plane

BAE Systems Develops New UAV Technology

IAI's Division Unveils Latest Bird Eye 600 Mini UAV System

BAE Systems Develops New Launch Device for Small UAVs

#### 6. RECENT INDUSTRY ACTIVITY

Cassidian Inks Cooperation Protocol with Turkish Aerospace Industries

Synergy Defense and Israel Aerospace Industries Ink Cooperation Agreement

IESES Collaborates with Redtide Defense Group

Royal Australian Air Force Acquires Heron UAV

ENIKS Delivers Elektron-3 Drones Batch to RF Ministry of Defense

Brazil Secures UAVs from Israel Aerospace Industries

Hindustan Aeronautics Limited to Supply Advanced Light Helicopters

Pakistan Navy to Acquire Unmanned Aerial Vehicles and Airborne Early Warning Aircrafts

Zala Aero to Supply Russian UAVs to Turkmen Ministry

The Boeing Company Takes Over Insitu

Rockwell Acquires Athena Technologies

PAI Acquires New UAV Production Plant

BAE Systems Acquires MTC Technologies

V-TOL Aerospace Acquires First BAT UAV System

Honeywell Receives FAA Experimental Airworthiness Certification for its gMAV UAS

AeroVironment's BATMAV Receives Milestone C Approval for Full Rate Production

AeroVironment Receives UAS Contract from Netherlands Ministry of Defense

Cobham and General Atomics Enters into Agreement to Offer UAS Support to UK MoD

General Atomics Signs Agreement with SENER on Predator® UAS series

AeroVironment Receives New Contract from US Special Operations Command



Northrop Grumman Enters into New UAV Contract with US Army

Russian Defense Ministry to Deploy New Unmanned Aerial Vehicle

DRS Technologies and Finmeccanica Sign Merger Agreement

AAI Enters into Agreement with ADS to Market Orbiter Mini-UAV

Elbit Systems Bags Supply Contract for Hermes 450 UAV Systems

QinetiQ Records First Unmanned Flight for Monitoring Agricultural Crop in the UK

AAI Receives UAV System Contract from US Army

ADF Places an Order with XTEK for UAV and Equipment

Army Armaments Receives Unmanned Aerial Vehicle Contract from US Army

CHARZ and Wojskowe to Form Joint Venture

Defense Ministry Orders Advanced Tipchak UAV from Vega

EADS D&S to Enter into UAV Supply Agreement

Elbit Receives New UAV Supply Contract

General Atomics and US Air Force Sign Contract

Raytheon Wins UAV Contract from US Air Force

Rockwell Receives Contract from Air Force

Aeronautics Receives Aerostar TUAV Systems Supply Contract from CIS Member

Boeing Forges Partnership with QinetiQ

Boeing, Insitu, ImSAR Demonstrate SAR Data's Instant Processing

IAI Delivers Heron UAV System to Canadian Air Force

Northrop Grumman Wins Air Force Contract

US Air Force Selects Aurora for SBIR Phase II MAV Guidance System

Aurora Receives New Contract to Develop UAV

Northrop Grumman Secures US Army Order for 10 STARLite Radars

iRobot Receives Six US Army SBIR Grants

Honeywell Enters into Agreement with Thales

Honeywell Bags Order for 90 T-Hawk™ Systems

Elbit Systems Bags Australian Army Order for Additional Skylark® I UAV Systems

BAE Systems Begins Assembly of Taranis UCAV

AeroVironment Secures US Army Contract for RQ-11B Raven Systems

AeroVironment Secures USSOCOM Contract for Puma AE UAS

AeroVironment Receives DARPA Funding for SP2S UAS

AAI Secures US Army Contract for More Shadow TUAS

AAI Secures TADSS Contract from US Army

Textron's AAI Announces Success of One System® Ground Control Station

#### 7. FOCUS ON SELECT PLAYERS

AAI Corporation (US)



Aerosonde Pty Ltd. (Australia)

Bell Helicopters (US)

Aeronautics Defense Systems Ltd. (Israel)

AeroVironment, Inc. (US)

AeroVironment's Small UAS Products

Alenia Aeronautica S. p. A. (Italy)

Aurora Flight Sciences Corporation (US)

BAE Systems Plc (UK)

CybAero AB (Sweden)

European Aeronautic Defence and Space Company EADS NV (The Netherlands)

Elbit Systems Ltd. (Israel)

General Atomics Aeronautical Systems, Inc. (US)

Honeywell Aerospace (US)

Israel Aerospace Industries Ltd. (Israel)

Northrop Grumman Corporation (US)

QinetiQ Group Plc (UK)

Raytheon Company (US)

Redtide Defense Group (US)

Sagem Défense Sécurité (France)

Science Applications International Corporation (SAIC) (US)

Thales SA (France)

The Boeing Company (US)

V-TOL Aerospace Pty Limited (Australia)

#### 8. GLOBAL MARKET PERSPECTIVE

**Table 5.** World Recent Past, Current & Future Analysis for Unmanned Aerial Vehicles (UAV) & Systems by Geographic Region/Country – US, Europe, Asia-Pacific (excluding Japan), Middle East and Rest of World Markets Independently Analyzed with Annual Expenditure in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

**Table 6.** World Historic Review for Unmanned Aerial Vehicles (UAV) & Systems by Geographic Region – USA, Europe, Asia-Pacific (excluding Japan), Middle East and Rest of World Markets Independently Analyzed with Annual Expenditure in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 7. World 15-Year Perspective for Unmanned Aerial Vehicles (UAV) & Systems by



Geographic Region/Country – US, Europe, Asia-Pacific (excluding Japan), Middle East and Rest of World Markets Independently Analyzed with Annual Expenditure in US\$ Million for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

**Table 8.** World Recent Past, Current & Future Analysis for R&D Spending on UAVs by Geographic Region/Country – US, Europe, Asia-Pacific (excluding Japan), Middle East and Rest of World Markets Independently Analyzed with Annual Expenditure in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

**Table 9.** World Historic Review for R&D Spending on UAVs by Geographic Region/Country – US, Europe, Asia-Pacific (excluding Japan), Middle East and Rest of World Markets Independently Analyzed with Annual Expenditure in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

**Table 10.** World 15-Year Perspective for R&D Spending on UAVs by Geographic Region/Country – Percentage Breakdown of Expenditure Value for US, Europe, Asia-Pacific (excluding Japan), Middle East and Rest of World Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

**Table 11.** World Recent Past, Current & Future Analysis for Procurement Spending on UAVs by Geographic Region/Country – US, Europe, Asia-Pacific (excluding Japan), Middle East and Rest of World Markets Independently Analyzed with Annual Expenditure in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

**Table 12.** World Historic Review for Procurement Spending on UAVs by Geographic Region/Country – US, Europe, Asia-Pacific (excluding Japan), Middle East and Rest of World Markets Independently Analyzed with Annual Expenditure in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

**Table 13.** World 15-Year Perspective for Procurement Spending on UAVs by Geographic Region/Country – Percentage Breakdown of Expenditure Value for US, Europe, Asia-Pacific (excluding Japan), Middle East and Rest of World Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

#### 9. THE UNITED STATES

#### A. MARKET ANALYSIS



Current and Future Analysis
Overview
Civil UAS Access to the NAS May Take Place in 2020
Search, Detection, and Navigation Instruments to Witness Growth
Department of Defense (DoD): A Major Consumer

**Table 14.** US DOD Aviation Budget Request for 2010 (includes corresponding Graph/Chart)

UAS Funding Face Uncertain Outlook
UAVs Gaining Prominence in the US Military
Military ISR UAS Market
An Insight into the Commercial UAS Market in the US
Opportunities and Challenges for Unmanned Aerial Systems
Key Statistics

**Table 15.** US Unmanned Aerial Systems Market: Percentage Breakdown of DoD Spending by US Air Force, US Army, and US Navy for Years 2009, 2012, and 2015 (includes corresponding Graph/Chart)

Federal Non-DoD

**Table 16.** US Unmanned Aerial Systems Market: Percentage Breakdown of Federal Non-DoD Spending by End-Use Segment – CBP, USSOCOM, NASA, DARPA, USCG, and Others for Years 2009, 2012, and 2015 (includes corresponding Graph/Chart)

**US Air Force** 

**Table 17.** US Market for Unmanned Aerial Systems: Percentage Breakdown of Spending by US Air Force on UAS by Category - RDT&E, Procurement, and O&M for Years 2009, 2012, and 2015 (includes corresponding Graph/Chart)

**Table 18.** US Market for Unmanned Aerial Systems: Percentage Breakdown of Spending by US Air Force on RQ-4 Global Hawk System by Category - Procurement, RDT&E, and O& M for Years 2009, 2012, and 2015 (includes corresponding



Graph/Chart)

**Table 19.** US Market for Unmanned Aerial Systems: Percentage Breakdown of Spending by US Air Force on MQ-1 Predator by Category - Procurement, O&M, and RDT&E for Years 2009, 2012, and 2015 (includes corresponding Graph/Chart)

**Table 20.** US Market for Unmanned Aerial Systems: Percentage Breakdown of Spending by US Air Force & CBP on MQ-9 Reaper by Category - Procurement, O&M, and RDT&E for Years 2009, 2012, and 2015 (includes corresponding Graph/Chart)

**US Army** 

**Table 21.** US Market for Unmanned Aerial Systems: Percentage Breakdown of Spending by US Army on UAS by Category - RDT&E, Procurement, and O&M for Yeasrs 2009, 2012, and 2015 (includes corresponding Graph/Chart)

**Table 22.** US Market for Unmanned Aerial Systems: Percentage Breakdown of Spending by US Army on MQ-1C Sky Warrior by Category - Procurement, O&M, and RDT&E for Years 2009, 2012, and 2015 (includes corresponding Graph/Chart)

**Table 23.** US Market for Unmanned Aerial Systems: Percentage Breakdown of Spending by US Army on RQ-7 Shadow 200 by Category - Procurement, O&M, and RDT&E for Years 2009, 2012, and 2015 (includes corresponding Graph/Chart)

**Table 24.** US Market for Unmanned Aerial Systems: Percentage Breakdown of Spending by US Army/ USSOCOM/ US Marine Corps/ US Air Force on RQ-11 Raven by Category - Procurement, and O&M for Years 2009, 2012, and 2015 (includes corresponding Graph/Chart)

**Table 25.** US Market for Unmanned Aerial Systems: Percentage Breakdown of Spending by US Army/ US Navy/DARPA on Micro Aerial Vehicle by Category - Procurement, and RDT&E for Years 2009, 2012, and 2015 (includes corresponding Graph/Chart)

US Navy

Table 26. US Market for Unmanned Aerial Systems: Percentage Breakdown of



Spending by US Navy on UAS by Category - RDT&E, Procurement, and O&M for Years 2009,2012, and 2015 (includes corresponding Graph/Chart)

**Table 27.** US Market for Unmanned Aerial Systems: Percentage Breakdown of Spending by US Navy on MQ-8B Fire Scout-Navy by Category - Procurement, and RDT& E for Years 2009, 2012, and 2015 (includes corresponding Graph/Chart)

**Table 28.** US Market for Unmanned Aerial Systems: Percentage Breakdown of Spending by US Marine Corps/Navy onTier II Small Tactical UAS by Category - Procurement, and RDT&E for Years 2009, 2012, and 2015 (includes corresponding Graph/Chart)

Competition

**Table 29.** US Unmanned Aerial Systems Market (2010): Percentage Market Share Breakdown of Leading Players (includes corresponding Graph/Chart)

UAS Market in the US: Major UAS Platforms by Company/Producer
US Unmanned Aerial Vehicle Market: Various Models by Military and Non-Military UAVs
US Unmanned Aerial Systems Market: Major UAV Programs by Company and EndUser
Strategic Corporate Developments
Select Players

### **B. MARKET ANALYTICS**

**Table 30.** US Recent Past, Current & Future Analysis for Unmanned Aerial Vehicles (UAV) & Systems by Spending Category - R&D, and Procurement Markets Independently Analyzed with Annual Expenditure in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

**Table 31.** US Historic Review for Unmanned Aerial Vehicles (UAV) & Systems by Spending Category - R&D, and Procurement Markets Independently Analyzed with Annual Expenditure in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 32. US 15-Year Perspective for Unmanned Aerial Vehicles (UAV) & Systems by



Spending Category - Percentage Breakdown of Expenditure Value for R&D, and Procurement Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

**Table 33.** US Recent Past, Current & Future Analysis for Procurement Spending by UAV Type – Tactical, MALE, HALE, Civil, Other UAV Markets Independently Analyzed with Annual Expenditure in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

**Table 34.** US Historic Review for Procurement Spending by UAV Type – Tactical, MALE, HALE, Civil, Other UAV Markets Independently Analyzed with Annual Expenditure in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

**Table 35.** US 15-Year Perspective for Procurement Spending by UAV Type - Percentage Breakdown of Expenditure Value for Tactical, MALE, HALE, Civil, Other UAV Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

#### 10. EUROPE

#### A. MARKET ANALYSIS

Current and Future Analysis

An Overview of Military UAV Market in Europe

A Glance at UAV Programs in Europe

France

Germany

The United Kingdom

Giant Leap for UAV Market in the UK

UAV Market in Other Select European Regions

Russia

Unmanned Aerial Vehicles Market in Russia - An Overview

Russia Plans Mass Manufacture of UAVs

Belgium

UAV Systems Market in Belgium – An Insight

European Unmanned Aerial Vehicle Market: Various Models of UAVs by Select

Country/Region

Manufacturers of Unmanned Aerial Systems in Europe by Country/Region



**Table 36.** European Civil and Commercial UAV Markets (2012): Percentage Breakdown by End-Use Category (includes corresponding Graph/Chart)

Product Launches
Strategic Corporate Developments
Select Players

#### **B. MARKET ANALYTICS**

**Table 37.** European Recent Past, Current & Future Analysis for Unmanned Aerial Vehicles (UAV) & Systems by Spending Category - R&D, and Procurement Markets Independently Analyzed with Annual Expenditure in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

**Table 38.** European Historic Review for Unmanned Aerial Vehicles (UAV) & Systems by Spending Category - R&D, and Procurement Markets Independently Analyzed with Annual Expenditure in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

**Table 39.** European 15-Year Perspective for Unmanned Aerial Vehicles (UAV) & Systems by Spending Category - Percentage Breakdown of Expenditure Value for R&D, and Procurement Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

#### 11. ASIA-PACIFIC

#### A. MARKET ANALYSIS

**Current and Future Analysis** 

Overview

China

Chinese UAV Market to Witness Significant Growth...

China Joins the Aerospace Bandwagon

A Glance at the UAV Programs in China

Various Models of UAVs in China

India

UAVs to Play Key Role in Modernizing Military Capabilities



India Ready for Foreign Collaborations in Aerospace

UAV Programs in India – An Insight

Various Models of UAVs in India

Singapore

Growing Importance of UAVs in Singapore's Armed Forces

Singapore UAV Programs – A Brief

A Peek into UAV Programs in Other Asia-Pacific Regions

Australia

Malaysia

New Zealand

Pakistan

Various Models of UAVs in Pakistan

South Korea

**Product Launches** 

Strategic Corporate Developments

Select Players

#### **B. MARKET ANALYTICS**

**Table 40.** Asia-Pacific Recent Past, Current & Future Analysis for Unmanned Aerial Vehicles (UAV) & Systems by Spending Category - R&D, and Procurement Markets Independently Analyzed with Annual Expenditure in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

**Table 41.** Asia-Pacific Historic Review for Unmanned Aerial Vehicles (UAV) & Systems by Spending Category - R&D, and Procurement Markets Independently Analyzed with Annual Expenditure in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

**Table 42.** Asia-Pacific 15-Year Perspective for Unmanned Aerial Vehicles (UAV) & Systems by Spending Category - Percentage Breakdown of Expenditure Value for R&D, and Procurement Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

#### 12. THE MIDDLE EAST

#### A. MARKET ANALYSIS



Current and Future Analysis

Overview

**United Arab Emirates** 

A Peek into UAV Programs in the Middle East

Iran

Israel

Unmanned Aerial Vehicle Market in Israel: Various Models of UAVs by Company Middle East Unmanned Aerial Vehicle Market: Various Models of UAVs by Select Country/Region

Out-of-Country Military UAV Deployments in Afghanistan for the Period 2001 to Till Date Out-of-Country Military UAV Deployments in Iraq for the Period 2003 to Till Date Product Launches
Strategic Corporate Developments
Select Players

#### **B. MARKET ANALYTICS**

**Table 43.** Middle East Recent Past, Current & Future Analysis for Unmanned Aerial Vehicles (UAV) & Systems by Spending Category - R&D, and Procurement Markets Independently Analyzed with Annual Expenditure in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

**Table 44.** Middle East Historic Review for Unmanned Aerial Vehicles (UAV) & Systems by Spending Category - R&D, and Procurement Markets Independently Analyzed with Annual Expenditure in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

**Table 45.** Middle East 15-Year Perspective for Unmanned Aerial Vehicles (UAV) & Systems by Spending Category - Percentage Breakdown of Expenditure Value for R&D, and Procurement Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

#### 13. REST OF WORLD

## A. MARKET ANALYSIS

Current and Future Analysis

An Overview of Canadian UAV Market



Japan

**Table 46.** UAVs for Agricultural Spraying Applications in Japan (2010): Percentage Share Breakdown of Volume Sales for Key Suppliers (includes corresponding Graph/Chart)

Product Launch
Strategic Corporate Developments
Select Players

#### **B. MARKET ANALYTICS**

**Table 47.** Rest of World Recent Past, Current & Future Analysis for Unmanned Aerial Vehicles (UAV) & Systems by Spending Category - R&D, and Procurement Markets Independently Analyzed with Annual Expenditure in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

**Table 48.** Rest of World Historic Review for Unmanned Aerial Vehicles (UAV) & Systems by Spending Category - R&D, and Procurement Markets Independently Analyzed with Annual Expenditure in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

**Table 49.** Rest of World 15-Year Perspective for Unmanned Aerial Vehicles (UAV) & Systems by Spending Category - Percentage Breakdown of Expenditure Value for R&D, and Procurement Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

#### **COMPETITIVE LANDSCAPE**

Total Companies Profiled: 109 (including Divisions/Subsidiaries - 122)

Region/CountryPlayers

The United States35

Canada

Japan

Europe

France

Germany



The United Kingdom
Italy
Spain
Rest of Europe26
Asia-Pacific (Excluding Japan)
Latin America
Africa
Middle-East



## I would like to order

Product name: Unmanned Aerial Vehicles (UAV) And Systems: Market Research Report

Product link: <a href="https://marketpublishers.com/r/UD0F7CF3D7CEN.html">https://marketpublishers.com/r/UD0F7CF3D7CEN.html</a>

Price: US\$ 4,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

## **Payment**

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/UD0F7CF3D7CEN.html">https://marketpublishers.com/r/UD0F7CF3D7CEN.html</a>