

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

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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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Contents

UNMANNED AERIAL SYSTEMS (UAS) EXECUTIVE SUMMARY

Military Unmanned Aerial Systems (UAS) UAV Innovation: Solar Powered Endurance of 300 Hours Unmanned Aerial Systems (UAS) Market Shares Unmanned Aircraft Market Forecasts UAS 1 Million Flight Hours

1. UNMANNED AERIAL SYSTEMS (UAS)

- 1.1 UAS Offices at FAA 1.1.1 UAS Sense and Avoid Evolution
- 1.1.2 UAS Operational and Safety Impacts for General Aviation Aircraft GA Access
- 1.1.3 US Commitment to Unmanned Aerial Vehicles
- 1.2 Unmanned Aircraft Systems (UAS)
 - 1.2.1 Western Defense
 - 1.2.2 US Changes Military Spending Patterns
 - 1.2.3 Funding By U.S. Department Of Defense (DOD) Shifts to Department of State
- 1.2.4 Chinese Unmanned Aircraft (UAS) Positioning
- 1.3 Pre-Position UASs In Key Strategic Locations
 - 1.3.1 Maritime Air Take-Off and Landing:
 - 1.3.2 Unmanned Aerial Systems (UAS) Aerial Refueling
 - 1.3.3 Unmanned Aerial Systems (UAS) Enhanced Strike Capability and Payloads
 - 1.3.4 Unmanned Aerial Systems (UAS) Enhanced Resilience
 - 1.3.5 Increased Use Of Stealth
 - 1.3.6 Small and Micro-UASs
 - 1.3.7 Unmanned Aerial Systems (UAS) Organization, Culture and CONOPS:
- 1.4 Network Centric Warfare Enablers
- 1.4.1 Chemical, Biological and Radiological Detection
- 1.4.2 Urban Warfare
- 1.5 Unmanned Aerial Systems (UAS) Classification
- 1.5.1 United States Military Tier System For Categorizing UAVs
- 1.6 Unmanned Aerial Systems (UAS) SAR: Surveillance and Reconnaissance
- 1.6.1 Unmanned Aerial Systems (UAS) Perimeter Surveillance
- 1.6.2 Unmanned Aerial Systems (UASs) Surveillance
- 1.6.3 Military Role Of Unmanned Aircraft Systems: Predator Launching of Hellfire Missile
 - 1.6.4 Issues With Civilian Casualties



- 1.6.5 Targeted Missiles
- 1.6.6 Unmanned Aerial Systems (UAS) Transport
- 1.7 UAS Convoy Applications
- 1.8 Unmanned Aerial Systems (UAS) Convoy-Following Mode
- 1.8.1 Unmanned Aerial Systems (UAS) Corridor Mapping
- 1.8.2 Unmanned Aerial Systems (UAS) Traffic Monitoring
- 1.8.3 Unmanned Aerial Systems (UAS) Agriculture Mapping
- 1.8.4 Unmanned Aerial Systems (UAS) Homeland Security
- 1.8.5 Unmanned Aerial Systems (UAS) for Scientific Research
- 1.9 Globalization and Technology
- 1.9.1 Proliferation of Conventional Military Technologies
- 1.9.2 UASs General Roles
- 1.10 Border Patrol:
- 1.11 Development Of Lighter Yet More Powerful Power Sources For UASs

2. UNMANNED AERIAL SYSTEMS (UAS) MARKET SHARES AND FORECASTS

- 2.1 Military Unmanned Aerial Systems (UAS)
- 2.1.1 UAV Innovation: Solar Powered Endurance of 300 Hours
- 2.2 Unmanned Aerial Systems (UAS) Market Shares
 - 2.2.1 Northrop Grumman Global Hawk
 - 2.2.2 Northrop Grumman
 - 2.2.3 Northrop Grumman BQM-74E Aerial Target
 - 2.2.4 Northrop Grumman Euro Hawk
 - 2.2.5 Northrup Grumman Global Hawk Budget Request
 - 2.2.6 Northrop Grumman Fire Scout
 - 2.2.7 Northrop Grumman's NAVY BAMS Program
 - 2.2.8 Northrop Grumman Bat
 - 2.2.9 General Atomics Aeronautical Systems Sky Warrior UAS
 - 2.2.10 General Atomics Aeronautical Systems, Inc. (GA-ASI) Avenger
- 2.2.11 General Atomics Aeronautical Systems, Inc. (GA-ASI) GA-ASI Sky Warrior

Alpha and Sky Warrior UAS

- 2.2.12 General Atomics Aeronautical Systems Predators
- 2.2.13 General Atomics Aeronautical Systems, Inc. (GA-ASI) Enhanced Endurance Designs for Predator B
 - 2.2.14 BAE Systems
 - 2.2.15 BAE Systems Taranis Unmanned Combat Air Vehicle (UCAV)
 - 2.2.16 Textron /AAI
- 2.2.17 Textron Systems AAI Shadow 200 TUAS



- 2.2.18 Unmanned Helicopters
- 2.2.19 Lockheed Martin K-MAX Unmanned Helicopter
- 2.2.20 Boeing A160 Hummingbird Helicopter
- 2.2.21 Aurora Flight Sciences Odysseus Solar-Powered Aircraft
- 2.2.22 Draganflyer X4 UAV
- 2.2.23 Insitu
- 2.2.24 DRS Unmanned Technologies Ground Control Stations
- 2.2.25 Proxy Aviation Systems
- 2.3 Unmanned Aircraft Market Forecasts
 - 2.3.1 UAS 1 Million Flight Hours
- 2.3.2 Unmanned Aerial Systems Market Industry Segments, Battlefield
- Reconnaissance, Target, Decoy, Combat, and Logistics
- 2.3.3 Unmanned Aerial Systems Market Industry Segments, R&D, Airframes, Payloads, Control, and Service
- 2.3.4 Unmanned Aerial Systems Market Industry Segments, Fixed Wing, Vertical Takeoff and Landing
- 2.3.5 Unmanned Aerial Systems Market Industry Segments, Hypersonic, HALE,
- MALE, Tactical, NATO, Close, Handheld
- 2.3.6 New World Order Built On The Globally Integrated Enterprise
- 2.3.7 Military Unmanned Aerial Systems Markets
- 2.3.8 UAS and ISR Market Wing Based Subsegments
- 2.3.9 Section 1098--Unmanned Aerial Systems and National Airspace
- 2.3.10 Helicopter Unmanned Aircraft
- 2.3.11 Unmanned Aerial Systems Segments
- 2.3.12 Fixed-Wing Aircraft UAVs Functional Categories
- 2.3.13 Unmanned Aerial Systems Altitude Classifications
- 2.3.14 Unmanned Aerial Systems Tier Classifications
- 2.3.15 U.S. Army Tiers
- 2.3.16 Future Combat Systems (FCS) (U.S. Army) Classes
- 2.3.17 Drone Categories
- 2.3.18 Markets For Military Avionics
- 2.3.19 High Altitude Long Endurance (HALE) UAVs
- 2.3.20 UAS Roadmap
- 2.3.21 UAS Aerial Common Sensor
- 2.3.22 Airborne Reconnaissance Low
- 2.3.23 Global Hawk
- 2.3.24 2012 Base Defense Budget
- 2.3.25 2011 Base Budget Unmanned Aircraft
- 2.3.26 UAS



- 2.3.27 US Pentagon's FY 2011 Budget Request
- 2.3.28 US Pentagon's FY 2011 Budget for Unmanned Aircraft
- 2.3.29 UAS Application Alternatives
- 2.3.30 UAV Makers Expect U.S. defense Demand To Continue Predator, Reaper,
- Global Hawk Programs Managed By WPAFB.
- 2.3.31 US Air Force Loss of Remotely Piloted Planes
- 2.3.32 Challenges For Unmanned Aircraft Systems (UAS)
- 2.3.33 Issues Addressed By The UAS Task Force: UAS Access to National Airspace System
- 2.3.34 Section 1098--Unmanned Aerial Systems and National Airspace
- 2.3.35 Global Hawk
- 2.3.36 Navy Remotely Piloted Demonstration And Strike Aircraft Programs
- 2.3.37 Unmanned Aerial Systems Payloads
- 2.3.38 Composites Key to UAV Utility
- 2.3.1 Unmanned Aerial Systems (UAS) US Market
- 2.3.2 Unmanned Aerial Systems (UAS) European Market
- 2.4 UAS Pricing
- 2.4.1 UAS Pricing
- 2.5 Unmanned Airplane Regional Market Analysis
- 2.5.1 U.S Accounts for 73 Percent Of The Worldwide Research, Development, Test,
- And Evaluation (RDT&E) Spending On UAV Technology
- 2.5.2 Unmanned Aerial Vehicle (UAV) Industry Regional Summary
- 2.5.3 UAS Marketplace Moving Target
- 2.5.4 UAS Composites Market
- 2.5.5 UAS Composites A Smaller Part Of The Larger Whole
- 2.5.6 Evolving UAVs For Civilian Roles
- 2.5.7 UAS High Value, Low Risk, and Low Cost
- 2.5.8 UAS Persistent Surveillance:
- 2.5.9 UAS Precision Strike:
- 2.5.10 Unmanned Aircraft Systems (UAS) Missions
- 2.5.11 Number Of Aircraft And Helicopters Worldwide
- 2.5.12 Unmanned Aerial Vehicles Regional Analysis
- 2.5.13 United States
- 2.5.14 United States
- 2.5.15 Regional Demand For Unmanned Aerial Vehicles (UAVs), Drones
- 2.5.16 Europe
- 2.5.17 Asia
- 2.5.18 Northrop Grumman Aerospace Systems in Asia
- 2.5.19 Israel Aerospace Industries (IAI).





- 2.5.20 Pakistan and Libia
- 2.5.21 India
- 2.5.22 China UAS
- 2.5.23 China Yotaisc Technology
- 2.5.24 Australia Fighter Aircraft
- 2.5.25 Australia Training
- 2.5.26 Australia Airborne Early Warning & Control
- 2.5.27 Australia Aerial Refueling
- 2.5.28 Australia Maritime Patrol
- 2.5.29 Australia UAV Reconnaissance/Surveillance
- 2.5.30 Australia Transport
- 2.5.31 Bahrain Attack helicopter
- 2.5.32 Bahrain Fighter Aircrafts
- 2.5.33 Bahrain Trainer
- 2.5.34 Bahrain Transport
- 2.5.35 Bahrain Utility Aircraft
- 2.5.36 Egypt Fighter Aircrafts
- 2.5.37 Egypt UAV
- 2.5.38 Egypt Trainer Aircraft
- 2.5.39 Egypt Transports
- 2.5.40 Egypt Helicopter
- 2.5.41 Egypt Airborne Early Warning and Control (AEWC)
- 2.5.42 Finland 2.5.43 Finland Helicopters
- 2.5.44 Great Britain Royal Air Force Combat Aircraft
- 2.5.45 Great Britain Trainer Aircraft
- 2.5.46 Great Britain Transport Aircraft
- 2.5.47 Great Britain Transport, Search and Rescue Helicopter
- 2.5.48 Great Britain Reconnaissance Aircraft
- 2.5.49 Great Britain Fleet Air Arm
- 2.5.50 Great Britain Army Air Corps
- 2.5.51 Great Britain Future Acquisitions
- 2.5.52 Israel
- 2.5.53 Israel Future
- 2.5.54 Kuwait Aircraft
- 2.5.55 Kuwait Air Defence Systems
- 2.5.56 Kuwait Government Aircraft
- 2.5.57 Morocco Inventory
- 2.5.58 Philippines Inventory
- 2.5.59 Portugal Inventory



- 2.5.60 Portugal On Order
- 2.5.61 Saudi Arabia Inventory
- 2.5.62 Singapore Inventory
- 2.5.63 Singapore Plans
- 2.5.64 South Korea Inventory
- 2.5.65 South Korea Projects
- 2.5.66 South Korea F-15K Crash Controversy
- 2.5.67 South Korea F-X Phase
- 2.5.68 South Korea F-X Phase
- 2.5.69 South Korea E-X Early Warning Aircraft Program
- 2.5.70 South Korea KF-X Future Fighter Program
- 2.5.71 Spain Aircraft Inventory
- 2.5.72 Switzerland Aircraft Inventory
- 2.5.73 Helicopters
- 2.5.74 Turkey Inventory
- 2.5.75 Future plans
- 2.5.76 United Arab Emirates Inventory 2010
- 2.5.77 Unmanned Aerial Vehicles as Weapons- People's Republic of China

3. UNMANNED AERIAL SYSTEMS (UAS) PRODUCT DESCRIPTION

- 3.1 General Atomics Aeronautical Systems MQ-1B Predator
- 3.2 Northrop Grumman Unmanned Aerial Systems
 - 3.2.1 Northrop Grumman RQ-4 Global Hawk
 - 3.2.2 Northrop Grumman Global Hawk (U.S. Air Force) RQ-4 Programs
 - 3.2.3 Northrop Grumman GHMD (U.S. Navy
 - 3.2.4 NASA Global Hawk (NASA Dryden)
 - 3.2.5 NATO AGS (U.S. and Allied Nations)
 - 3.2.6 Northrop Grumman X-47B UCAS
 - 3.2.7 Northrop Grumman MLB Company
 - 3.2.8 Northrop Grumman.Bat
 - 3.2.9 Northrop Grumman V-BAT UAV
 - 3.2.10 Northrop Grumman Super Bat with Piccolo II Autopilot and TASE Gimbal
- 3.2.11 Northrop Grumman Fire-X Medium-Range Vertical Unmanned Aircraft System
- 3.3 Lockheed Martin
 - 3.3.1 Lockheed Martin K-MAX Unmanned Helicopter
- 3.4 Boeing
 - 3.4.1 Boeing A160 Hummingbird Helicopter
 - 3.4.2 Boeing ScanEagle Small Footprint UAS Solutions



3.5 BAE Systems

- 3.5.1 BAE Systems Unmanned Aerial Vehicle (UAV)
- 3.5.2 BAE Systems Compact Rotary Wing/UAV LDRF
- 3.5.3 BAE Systems Herti

3.5.4 BAE Systems Image Collection and Exploitation (ICE) Sensor Management

System

- 3.5.5 BAE Systems Mantis
- 3.5.6 BAE Systems MIM500 Series of Uncooled Infrared Camera Cores
- 3.5.7 BAE Systems Taranis
- 3.5.8 BAE Systems Taranis Unmanned Combat Air Vehicle (UCAV)
- 3.5.9 BAE Systems Telemos
- 3.6 Textron/Aerosonde
 - 3.6.1 Textron/Aerosonde AAI Services
- 3.6.2 Textron Systems AAI
- 3.6.3 Textron Systems AAI RQ-7B Shadow tactical UAS Unmanned Aircraft Systems (UAS)
 - 3.6.4 Textron Systems AAI Shadow Tactical Unmanned Aircraft System (TUAS)
 - 3.6.5 AAI Shadow 400 Unmanned Aircraft Deployed With Allied Naval Forces
 - 3.6.6 Textron Systems AAI Shadow 600 System
 - 3.6.7 Textron Systems AAI Ground Control Stations
- 3.6.8 Textron Systems AAI Remote Intelligence, Surveillance and Reconnaissance Terminals
- 3.6.9 Textron Systems AAI/Aerosonde
- 3.6.10 Textron Systems AAI and Aeronautics Orbiter
- 3.6.11 Textron Systems AAI Ground Control Stations
- 3.6.12 Textron Systems AAI Remote Intelligence, Surveillance and Reconnaissance Terminals
 - 3.6.13 Textron Systems AAI One System Remote Video Terminal
 - 3.6.14 Textron Systems AAI Tactical Sensor Intelligence Sharing System
- 3.6.15 Textron Systems AeroVironment AV's Family of Small UAS
- 3.6.16 Textron Systems Wasp Micro Air Vehicle (MAV)
- 3.6.17 Textron Systems AeroVironment UAS: Dragon Eye
- 3.6.18 Textron Systems AeroVironment Stratospheric Persistent UAS
- 3.6.19 Textron Systems AeroVironment Global Observer
- 3.6.20 Textron Systems AeroVironment Digital Data Link
- 3.6.21 Textron Systems AeroVironment UAS Services
- 3.6.22 Textron Systems AeroVironment UAS Advanced Development: Switchblade
- 3.6.23 Textron Systems AeroVironment UAS Advanced Development: Nano Air

Vehicle



- 3.7 Aurora Flight Sciences Hale
 - 3.7.1 Aurora Flight Sciences Orion
 - 3.7.2 Aurora Flight Sciences Odysseus Solar-Powered Aircraft
 - 3.7.3 Aurora Flight Sciences Orion HALL
 - 3.7.4 Aurora Flight Sciences Earth Science Applications
 - 3.7.5 Aurora Flight Sciences Military Utility
 - 3.7.6 Aurora SunLight Eagle
- 3.8 Small Unmanned Aerial Systems
- 3.8.1 Aurora Flight Sciences Skate
- 3.8.2 Aurora Tactical Systems
- 3.8.3 Aurora Diamond DA42 MPP
- 3.8.4 Aurora Excalibur
- 3.8.5 Aurora GoldenEye
- 3.8.6 Aurora GoldenEye
- 3.8.7 System Description
- 3.9 L-3 Communications UAS Programs
 - 3.9.1 L-3 Communications Next Generation Precision Unmanned Aircraft Systems
 - 3.9.2 L-3 Communications Small Expendable Tube-Launched UAS
 - 3.9.3 L-3's Mid-Tier UAS Programs
- 3.9.4 L-3 Communications Medium Altitude Long Endurance Unmanned Or Manned Mobius
 - 3.9.5 L-3 Communications Cutlass
 - 3.9.6 L-3 Unmanned Systems' Viking 100 Runway Operations
 - 3.9.7 L-3 Communications Viking 300 Runway Operations
 - 3.9.8 L-3 Communications Viking
 - 3.9.9 L-3 Communications TigerShark
 - 3.9.10 L-3 Communications Generation IV Ground Control Station
 - 3.9.11 L-3 Communications On-board Precision Automated Landing System (O-PALS)
 - 3.9.12 L-3 Communications ISR Services
- 3.9.13 L-3 Communications System Integration and Technical Support
- 3.10 Challis Heliplane UAV Inc.
- 3.11 Draganfly Innovations Inc.
 - 3.11.1 Draganfly X4
 - 3.11.2 Draganflyer X6
 - 3.11.3 Draganflyer Aerial Photography & Video Applications
 - 3.11.4 Draganflyer Real Estate Applications
 - 3.11.5 Draganflyer Law Enforcement Applications
 - 3.11.6 Draganflyer X8
- 3.12 DRS Unmanned Technologies Ground Control Stations



- 3.12.1 DRS Aircraft Monitoring Unit (AMU)
- 3.12.2 General Atomics Aeronautical Systems, Inc. (GA-ASI) Claw Sensor Control
- 3.12.3 GA-ASI Athena RF Tag
- 3.12.4 General Atomics Aeronautical Systems GA Predator UAS
- 3.12.5 General Atomics Aeronautical Systems GA Gray Eagle UAS
- 3.13 Insitu
 - 3.13.1 Boeing/Insitu ScanEagle
 - 3.13.2 Insitu Integrator
 - 3.13.3 Insitu NightEagle
- 3.14 Integrated Dynamics
 - 3.14.1 Integrated Dynamics Border Eagle MK II
 - 3.14.2 Integrated Dynamics Hornet
 - 3.14.3 Integrated Dynamics HAWK MK V
 - 3.14.4 Integrated Dynamics VISION UAV systems
 - 3.14.5 Integrated Dynamics VISION MK I
 - 3.14.6 Integrated Dynamics Vision M K I I
 - 3.14.7 Integrated Dynamics S/Integrated Dynamics Integrated Dynamics M K I
 - 3.14.8 Integrated Dynamics Vector
 - 3.14.9 Integrated Dynamics Tornado
 - 3.14.10 Integrated Dynamics Nishan MK II
 - 3.14.11 Integrated Dynamics Nishan TJ 1000
 - 3.14.12 Integrated Dynamics Rover
- 3.14.13 Integrated Dynamics Explorer
- 3.15 MMIST Mist Mobility
 - 3.15.1 MMist Unmanned Logistics Air Vehicle (ULAV)
- 3.15.2 Sherpa Ranger/MMist
- 3.16 Marcus UAV Systems
- 3.16.1 Marcus Autopilots
- 3.17 Proxy Aviation Systems
- 3.17.1 Proxy SkyRaider
- 3.18 LaserMotive
- 3.19 China Aerospace Science & Industry Corp Jet-Powered WJ600
- 3.19.1 Chinese Naval UAS
- 3.20 ASN Technology Group
- 3.21 Boeing X-37B Space Shuttle
- 3.22 Scaled Composites
- 3.22.1 Proteus
- 3.23 Schiebel
- 3.23.1 Schiebel Camcopter S-100 3.23.2 Schiebel Camcopter Target Markets:



3.24 Parrot AR.Drone 2.0 \$299, Flies Off a Roof

4. UNMANNED AERIAL SYSTEMS (UAS) TECHNOLOGY

- 4.1 UAS Sense and Avoid Evolution Avionics Approach
- 4.2 Northrop Grumman.BAT UAV Open Architecture
- 4.3 Integrated Dynamics Flight Telecommand & Control Systems
- 4.3.1 AP 2000
- 4.3.2 AP 5000
- 4.3.3 IFCS-6000 (Integrated Autonomous Flight Control System)
- 4.3.4 IFCS-7000 (Integrated Autonomous Flight Control System)
- 4.3.5 Portable Telecommand And Control System (P.T.C.S.)
- 4.4 Integrated Radio Guidance Transmitter (IRGX)
- 4.4.1 Portable Telecommand And Control System (P.T.C.S.)
- 4.5 IRGX (Integrated Radio Guidance Transmitter)
- 4.5.1 Ground Control Stations
- 4.5.2 GCS 1200
- 4.5.3 GCS 2000
- 4.6 Antenna Tracking Systems
- 4.7 ATPS 1200
 - 4.7.1 ATPS 2000
 - 4.7.2 Gyro Stabilized Payloads
 - 4.7.3 GSP
 - 4.7.4 GSP
 - 4.7.5 GSP 1200
- 4.8 Civilian UAV's Rover Systemstm
- 4.9 CPI-406 Deployable Emergency Locator Transmitter (ELT)
- 4.9.1 Deployable Flight Incident Recorder Set (DFIRS)
- 4.9.2 Airborne Separation Video System (ASVS)
- 4.9.3 Airborne Separation Video System Remote Sensor (ASVS RS)
- 4.9.4 Airborne Tactical Server (ATS)
- 4.10 Aurora Very High-Altitude Propulsion System (VHAPS)
- 4.11 Aurora Autonomy & Flight Control
- 4.11.1 Aurora Guidance Sensors And Control Systems MAV Guidance

4.11.2 Aurora Multi-Vehicle Cooperative Control for Air and Sea Vehicles in Littoral Operations (UAV/USV)

4.11.3 Aurora and MIT On-board Planning System for UAVs Supporting Expeditionary Reconnaissance and Surveillance (OPS-USERS)

4.11.4 Aurora Flare Planning



- 4.11.5 Aurora Distributed Sensor Fusion
- 4.11.6 Aurora Aerospace Electronics
- 4.11.7 Aurora is CTC-REF
- 4.12 Space Technologies: Autonomous Control of Space Nuclear Reactors (ACSNR)
- 4.12.1 Rule-based Asset Management for Space Exploration Systems (RAMSES)

4.12.2 Synchronized Position Hold, Engage & Reorient Experiment Satellites (SPHERES)

- 4.13 Positive Pressure Relief Valve (PPRV)
- 4.13.1 Chip-Scale Atomic Clock (CSAC)
- 4.13.2 Low-design-Impact Inspection Vehicle (LIIVe)
- 4.13.3 Synthetic Imaging Maneuver Optimization (SIMO)
- 4.13.4 Self-Assembling Wireless Autonomous Reconfigurable Modules (SWARM)
- 4.14 Persistent, Long-Range Reconnaissance Capabilities

4.14.1 United States Navy's Broad Area Maritime Surveillance (BAMS) Unmanned Aircraft System (UAS) program

- 4.14.2 Navy Unmanned Combat Air System UCAS Program:
- 4.14.3 Navy Unmanned Combat Air System UCAS: Objectives:
- 4.15 Search and Rescue (SAR)
- 4.16 L-3 Communications LinkTEK IDS
- 4.17 L-3 Communications flightTEK SMC
- 4.17.1 Helicopter Main Limiting Factor Retreating Blade Stall
- 4.18 Draganflyer X4 Applications
 - 4.18.1 Draganflyer X4 Large Project Management
 - 4.18.2 Draganflyer Remote Supervision and Investigation of Equipment

4.18.3 Draganflyer Remote Supervision and Investigation of Agricultural Land and Equipment

- 4.18.4 Draganflyer Advanced RC Flight Research
- 4.18.5 Aerial Archeology
- 4.18.6 Environmental Assessment
- 4.18.7 The Draganflyer X4 is Fun to Fly
- 4.19 White Blood Cell Counter

5 UNMANNED AERIAL SYSTEMS COMPANY PROFILES

- 5.1 AB Precision (Poole) Ltd
 - 5.1.1 AB Precision (Poole) Ltd Dragon (ABL900) De-armer
 - 5.1.2 AB Precision (Poole) Ltd Limpet Mine Disposal Equipment
 - 5.1.3 AB Precision (Poole) Ltd IED Disruptor Devices
 - 5.1.4 AB Precision (Poole) Ltd Recoilless Disruptors



5.1.5 AB Precision (Poole) Ltd Explosive Ordnance Disposal (EOD) Equipment

- 5.2 AirRobot UK Company
- 5.3 Allen Vanguard
 - 5.3.1 Allen Vanguard R&D

5.3.2 Allen-Vanguard Introduces Modular New EOD Tactical Suit System For Mobile

Counter-IED

- 5.4 ASN Technology Group
- 5.5 Aurora Flight Sciences
 - 5.5.1 Aurora Flight Sciences Leadership in UAV Team Operations
 - 5.5.2 Aurora Track Record
 - 5.5.3 Aurora R&D and Core Competencies
 - 5.5.4 Aurora Flight Sciences Odysseus Solar-Powered Aircraft
 - 5.5.5 Aurora Integrated Airframe Engineering And Production Solutions
 - 5.5.6 Aurora Mobile-Agent Based Collaborative Sensor Fusion
 - 5.5.7 Aurora Facilities/Site Infrastructure
 - 5.5.8 Aurora Research and Development R&D
 - 5.5.9 Aurora Flight Sciences Aerospace Systems and Concepts
 - 5.5.10 NASA Study for Subsonic Commercial Transports (N+3)
 - 5.5.11 Rapid Prototyping
 - 5.5.12 Aurora Propulsion
 - 5.5.13 Aurora Distributed Engine Control
- 5.5.14 Aurora Flig Airborne Autonomous Systems Advanced Concepts

5.6 BAE Systems

- 5.6.1 BAE Systems Organization
- 5.6.2 BAE Systems Performance
- 5.6.3 BAE Systems Key Facts
- 5.6.4 BAE Systems Strategy
- 5.6.5 BAE Systems Operational Framework
- 5.6.6 Key Performance Indicators (KPIs)
- 5.6.7 BAE Systems Risk Management
- 5.6.8 BAE Systems Orders

5.6.9 BAE Systems Received \$313 Million Contract for Continued Research and Development of PIM

5.6.10 BAE Systems' Paladin Integrated Management

5.6.11 BAE Systems Awarded ?46m Contract To Support Royal Navy's Type 45

Sampson Radars

5.7 Beijing Defense

- 5.7.1 Beijing Defense Counter IED products
- 5.7.2 Beijing Defense EOD and IED Disposal Equipment



5.7.3 Beijing Defense Bomb Search And Detection Systems

5.8 Boeing

- 5.8.1 Boeing 787 Dreamliner
- 5.8.2 Boeing 787 Dreamliner Performance
- 5.8.3 Boeing Advanced Technology
- 5.8.4 Boeing Participation In Commercial Jet Aircraft Market
- 5.8.5 Boeing Participation In Defense Industry Jet Aircraft Market
- 5.8.6 Boeing Defense, Space & Security
- 5.8.7 Boeing Advanced Military Aircraft:
- 5.8.8 Boeing Military Aircraft
- 5.8.9 Boeing Continuing Progress
- 5.8.10 Boeing-iRobot Team Receives New SUGV Task Order From US Army
- 5.9 Boston Dynamics
- 5.10 Carnegie Mellon University
- 5.10.1 Carnegie Mellon School of Computer Science (SCS)
- 5.1 Challis Helicopters Inc./Challis Heliplane UAV
- 5.10.2 Challis Heliplanes
- 5.11 Chemring EOD Limited
- 5.11.1 Chemring EOD Limited Initiation Systems/Exploders
- 5.11.2 Chemring EOD Limited ROV Integration Packages
- 5.11.3 Chemring EOD Limited Security: VehicleScan Under Vehicle Surveillance Systems
- 5.12 China Aerospace Science & Industry Corp Jet-Powered WJ600
- 5.13 DCD-DORBYL (Pty) Ltd)/RSD (the Rolling Stock and Defense division
 - 5.13.1 RSD Combat-Proven Landmine Detection Systems
- 5.13.2 RSD Ballistic Protection For Peacekeeping And Defense Operations
- 5.13.3 RSD Engineering For Various Defense Environments And Scenarios
- 5.14 Ditch Witch
- 5.15 Draganfly Innovations Inc.
- 5.15.1 Draganfly Innovations Inc.
- 5.2 DRS Unmanned Technologies, Inc.
- 5.2.1 DRS Technologies Revenue
- 5.2.2 DRS Tactical Systems Rugged Tablet
- 5.2.3 DRS Technologies \$22 Million in Orders for Reset and Overhaul of U.S. Air
- Force Tunner Cargo Loaders
- 5.16 First-Response Robotics
- 5.17 GE
 - 5.17.1 GE Unmanned Aircraft
- 5.17.2 GE Supports Innovation



- 5.17.3 GE Energy -
- 5.17.4 GE Energy

5.17.5 General Electric Company Energy Infrastructure Revenues

5.17.6 GE Total Revenue

5.17.7 General Electric Geographic Revenues

5.17.8 GE and Goteborg Energi

5.17.9 GE's 4.1-113 Wind Turbine

5.17.10 General Electric Offers Wind Turbine Customers Clean Energy From Solar Panels

5.17.11 GE U.S. Wind Crash

5.17.12 GE Technology to Boost the Output of NextEra Energy Resources' U.S. Fleet of Wind Turbines

5.17.13 GE Energy Financial Services

5.18 General Atomics Aeronautical Systems

5.18.1 General Atomics Aeronautical Systems, Inc. (GA-ASI)

5.2.4 General Atomics Aeronautical Systems, Inc. (GA-ASI)

5.2.5 General Atomics Aeronautical Systems, Inc. Company

- 5.2.6 General Atomics Aeronautical Systems Unmanned Aircraft Systems
- 5.2.7 General Atomics Aeronautical Systems Control Stations
- 5.2.8 General Atomics Aeronautical System

Statistical Reconnaissance Radars: Sar/Gmti

- 5.18.2 General Atomics Aeronautical Systems Predator UAS Guidance And Control
- 5.2.9 General Atomics Aeronautical Systems Industry Milestones

5.2.10 General Atomics Aeronautical Systems Sky Warrior UAS Initial Production for Army's ER/MP Program

5.19 General Dynamics

5.19.1 General Dynamics Revenue

5.19.2 General Dynamics Rifleman Radio and GD300 Go to Afghanistan with U.S.

Army's 75th Ranger Regiment

5.19.3 General Dynamics Light Tactical Vehicles

5.19.4 General Dynamics Light Wheeled Armored Vehicles

5.19.5 General Dynamics Medium Wheeled Armored Vehicles

5.19.6 General Dynamics Infantry Fighting Vehicles/Medium Combat Vehicles

- 5.19.7 General Dynamics Light Combat Vehicles
- 5.19.8 General Dynamics Revenue
- 5.19.9 General Dynamics Mobile Military Bridge Systems
- 5.19.10 General Dynamics MTB Modular Lightweight Bridge
- 5.19.11 General Dynamics European Land Systems

5.20 Gostai



5.21 iRobot

- 5.21.1 iRobot Role In The Robot Industry
- 5.21.2 iRobot Robots
- 5.21.3 iRobot Home Cleaning Robots
- 5.21.4 iRobot SUGV (Small Unmanned Ground Vehicle).
- 5.21.5 iRobot FirstLook
- 5.21.6 iRobot Revenue Third-Quarter 2011
- 5.21.7 iRobot Government and Industrial 2011
- 5.21.8 iRobot \$7.4 Million Order for Small Unmanned Ground Vehicles
- 5.21.9 iRobot Looks To Expand in Latin America and China
- 5.21.10 iRobot PackBots
- 5.3 Insitu
 - 5.3.1 Insitu Deployed Operations
 - 5.3.2 Insitu Integrated Logistics Support
 - 5.3.3 InsituTechnology
 - 5.3.4 Insitu Innovation
 - 5.3.5 Insitu Small Tactical Unmanned Air System/Tier II Contract
- 5.3.6 Insitu's ScanEagle Unmanned Aircraft System Selected by U.S. Air Force
- Academy to Train Cadets
- 5.3.7 Insitu/FAA Unmanned Aircraft Systems National Airspace Integration Research
- 5.22 Integrated Dynamics
- 5.22.1 Explorer U.S.A. Bound
- 5.23 Kongsberg
 - 5.23.1 Kongsberg Key Orders for Maritime
- 5.23.2 Kongsberg Key Figures
- 5.24 Kuchcera Defense Systems
- 5.25 L-3 5.25.1 L-3 Key Performance Measures
- 5.25.2 L-3's Business
- 5.26 LaserMotive
- 5.27 Lockheed Martin
- 5.27.1 Lockheed Martin Fourth Quarter and Full Year 2011 Results
- 5.27.2 Lockheed Martin Segment Results 2011
- 5.27.3 Lockheed Martin Aeronautics Segment Revenue
- 5.27.4 Lockheed Martin SYMPHONY Improvised Explosive Device Jammer Systems
- 5.27.5 Lockheed Martin Aeronautics Revenue
- 5.27.6 Lockheed Martin Electronic Systems
- 5.27.7 Lockheed Martin Electronic Systems Net sales
- 5.27.8 Lockheed Martin Electronic Systems Segment Revenue
- 5.27.9 Lockheed Martin Information Systems & Global Solutions



- 5.27.10 Lockheed Martin Space Systems
- 5.27.11 Lockheed Martin Corporation's Business Segment
- 5.27.12 Lockheed Martin Delivers Fourth Upgraded CBP P-3 Orion In Record Time
- 5.28 Marcus UAV Systems
- 5.29 Mesa Associates
 - 5.29.1 Mesa Robotics
- 5.4 Mist Mobility Integrated Systems Technology Inc. (MMIST)
- 5.4.1 MMIST Third Wing Kit
- 5.30 Parrot
- 5.31 Proxy Aviation Systems
- 5.32 Northrop Grumman
 - 5.32.1 Northrop Grumman Supplies Marine Navigation Equipment
- 5.32.2 Northrop Grumman Recognized by UK Ministry of Defense for Role in
- Supporting Sentry AWACS Aircraft During Military Operations in Libya
- 5.32.3 Northrop Grumman Corporation subsidiary Remotec Inc. Upgrade the U.S. Air Force fleet of Andros HD-1 5.32.4 Northrop Grumman NAV CANADA Supplier
- 5.32.5 Northrop Grumman Electronic Systems Segment
- 5.33 Pearson Engineering
- 5.34 QinetiQ North America
 - 5.34.1 QinetiQ North America
- 5.34.2 QinetiQ Starts Spinoff from United Kingdom Ministry of Defense, Defense Evaluation and Research Agency (DERA)
- 5.34.3 QinetiQ/Foster Miller
- 5.34.4 QinetiQ/Foster Miller Financial Position
- 5.34.5 QinetiQ North America Order for 100 Dragon Runner 10 Micro Robots
- 5.34.6 QinetiQ/Automatika
- 5.34.7 QinetiQ Customer Base
- 5.34.8 QinetiQ Revenue
- 5.35 re
- 5.36 Recon Robotics
- 5.37 Scaled Composites
- 5.38 Schiebel
- 5.38.1 Camcopter S-100 Opening A New Era In Filming And Broadcasting
- 5.39 ST Engineering
- 5.40 TechnoRobot
- 5.41 Telerob
- 5.42 Textron
- 5.42.1 Textron Cessna Segment
- 5.42.2 Textron Systems Segment



- 5.42.3 Textron INC. 10 Q Revenue 2011-2012
- 5.42.4 Textron Unmanned Aircraft Systems
- 5.42.5 Textron Land and Marine Systems
- 5.42.6 Textron Weapons and Sensors
- 5.42.7 Textron Mission Support and Other
- 5.42.8 Textron Industrial Segment

5.43 Thales Group

- 5.43.1 Thales Core Businesses
- 5.43.2 Thales: A Global Player
- 5.43.3 Thales Facts and Figures
- 5.43.4 Thales Innovation
- 5.43.5 Thales Key Technology Domains
- 5.43.6 Thales Open Research
- 5.43.7 Thales Stance on Environment
- 5.43.8 Thales Processes
- 5.43.9 Thales Product design
- 5.43.10 Thales Site Management
- 5.43.11 Thales Alenia Space Integration Of Service Module For The Fourth ATV
- 5.43.12 Thales Sonar 'Excels' In Anti-Submarine Warfare Exercise
- 5.44 Vecna Technologies
- 5.45 Yotaisc Technology
- 5.45.1 Yotaisc Technology UAV systems
- 5.45.2 Yotaisc Technology Airport Security Solutions
- 5.46 Military Robot Companies



List Of Tables

LIST OF TABLES AND FIGURES

Table ES-1 Unmanned Aerial Vehicle (UAV) Advantages

Table ES-2 Unmanned Aerial Vehicle (UAV) Trends

Table ES-3 Unmanned Aerial Systems Functions

Table ES-4 Unmanned Aerial Systems Features

Table ES-5 Unmanned Aerial Systems Mission Tasks

Table ES-6 Unmanned Aerial Systems (UAS) Benefits

Figure ES-7 Large and Mid Size Unmanned Aerial Systems (UAS) Market Shares, Dollars, 2011

Figure ES-8 Unmanned Aerial Systems (UAS), Market Forecasts, Dollars, Worldwide, 2012-2018

Figure ES-9 Super Soaker vs. R.C. Glider

Figure ES-10 Unmanned Aerial Systems (UAS) Market Segments, Dollars, 2010

Figure ES-11 Northrop Grumman Aerospace Systems High Altitude Reconnaissance UAV Mission Picture

Table 1-1 UAS Operational and Safety Impacts for General Aviation

Table 1-2 UAS Sense and Avoid Evolution

Figure 1-3 Cooperative Autonomous Sense and Avoid for Unmanned Aircraft Systems

Figure 1-4 Key Unmanned Aircraft Integration Challenges

Table 1-5 Ability Of UASs To Perform Strike Function

Table 1-6 Fixed-Wing Aircraft UAVs Functional Categories

Table 1-7 Fixed-wing Aircraft UAVs Alternative Functional Categories

Table 1-8 Fixed-wing Aircraft UAVs Pattern Of Function Categories

Table 1-9 US Military Fixed-wing Aircraft UAVs Functional Categories

Table 1-10 Modular SAR: Surveillance and Reconnaissance Components

Table 1-11 UAS Applications Using Unmanned Aerial Vehicles

Figure 1-12 Mosaic And Footprint Shape Files To Identify Frames

Figure 1-13 Increase In Resolution That Is Possible With Georeferenced Imagery

Table 1-14 Department of Transportation Applications

Table 1-15 Unmanned Aerial Systems (UAS) Homeland Security Sites To Be Monitored

Table 2-1 Unmanned Aerial Vehicle (UAV) Advantages

Table 2-2 Unmanned Aerial Vehicle (UAV) Trends

Table 2-3 Unmanned Aerial Systems Functions

Table 2-4 Unmanned Aerial Systems Features

Table 2-5 Unmanned Aerial Systems Mission Tasks

Table 2-6 Unmanned Aerial Systems (UAS) Benefits



Figure 2-7 Large and Mid Size Unmanned Aerial Systems (UAS) Market Shares, Dollars, 2011

Table 2-8 Large and Mid Size Unmanned Aerial Systems (UAS) Market Shares, Dollars, 2011

Table 2-9 Small Unmanned Aerial Systems (UAS) Market Shares Dollars, Worldwide, 2011

Figure 2-10 Northrop Grumman Global Hawk

Figure 2-11 Northrop Grumman UAV Legacy

Figure 2-12 General Atomics Aeronautical Systems Predator

Figure 2-13 BAE Systems Taranis

Figure 2-14 Boeing A160 Hummingbird Unmanned Aerial Vehicle

Figure 2-15 Unmanned Aerial Systems (UAS), Market Forecasts, Dollars, Worldwide, 2012-2018

Table 2-16 Unmanned Aerial Systems Market, Dollars, Worldwide, 2012-2018

Table 2-17 Large and Mid Size Unmanned Aerial Systems Dollars and Units,

Worldwide, 2012-2018

Table 2-18 Small Size Unmanned Aerial Systems Dollars and Units, Worldwide, 2012-2018

Table 2-19 Unmanned Aerial Systems Market Industry Segments, Battlefield

Reconnaissance, Target, Decoy, Combat, and Logistics Dollars, Worldwide, 2012-2018 Table 2-20 Unmanned Aerial Systems Market Industry Segments, Battlefield

Reconnaissance, Target, Decoy, Combat, and Logistics Percent, Worldwide, 2011-2017

Table 2-21 Unmanned Aerial Systems Market Industry Segments, R&D, Airframes,

Payloads, Control, and Service Dollars, Worldwide, 2012-2018

Table 2-22 Unmanned Aerial Systems Market Industry Segments, R&D, Airframes,

Payloads, Control, and Service Percent, Worldwide, 2012-2018

Table 2-23 Unmanned Aerial Systems Market Industry Segments, Fixed Wing, Vertical Takeoff and Landing Dollars Worldwide, 2012-2018

Table 2-24 Unmanned Aerial Systems Market Industry Segments, Fixed Wing, Vertical Takeoff and Landing Percent Worldwide, 2012-2018

Table 2-25 Unmanned Aerial Systems Market Industry Segments, Hypersonic, HALE, MALE, Tactical, NATO, Close, Handheld, Dollars, Worldwide, 2012-2018

Table 2-26 Unmanned Aerial Systems Market Industry Segments, Hypersonic, HALE,

MALE, Tactical, NATO, Close, Handheld, Percent, Worldwide, 2012-2018 Figure 2-27 Super Soaker vs. R.C. Glider

Figure 2-28 Unmanned Aerial Systems (UAS) Market Segments, Dollars, 2010 Figure 2-29 Unmanned Aerial Systems (UAS) Market Segments, Dollars, 2017 Table 2-30 Sub-Sectors Of The Market For Military Avionics and Unmanned Aerial Vehicles (UAS)



Table 2-31 UAS Requirements/Opportunities Table 2-32 UAS Categories Table 2-33 Unmanned Aerial System (UAS) Research Categories Figure 2-34 FY 2012 US Defense Budget Figure 2-35 US Air Force Operation and Maintenance Performance Figure 2-36 Northrop Grumman Aerospace Systems Global Hawk Pictures Disaster Management After The Haiti Earthquake Figure 2-37 US Challenges For Unmanned Aircraft Systems UAS Task Force Organization Figure 2-38 DoD Airspace Integration Plan Activities Figure 2-39 Fighter Jet Ali Al-Saadi/ Table 2-40 UAS Functions Table 2-41 UAS Target Markets Figure 2-42 Unmanned Aerial Systems Vehicle (UAS) Regional Market Segments, Dollars, 2011 Table 2-43 Unmanned Aerial Systems Regional Market Segments, 2011 Table 2-44 Unmanned Aircraft Systems (UAS)Missions Table 2-45 World Helicopter Fleet: Figure 2-46 Northrop Grumman Aerospace Systems High Altitude Reconnaissance UAV Figure 2-47 Northrop Grumman Aerospace Systems High Altitude Reconnaissance **UAV Mission Picture** Figure 3-1 General Atomics Aeronautical Systems Predator Figure 3-2 General Atomics Aeronautical Systems Predator Close-Up Table 3-3 General Atomics Aeronautical Systems Predator UAS General Characteristics Figure 3-4 Northrop Grumman Global Hawk (U.S. Air Force) Figure 3-5 Northrop Grumman MQ-8B Fire Scout Table 3-6 Northrop Grumman MQ-8B Fire Scout System Requirements: Figure 3-7 Northrop Grumman MQ-8B Fire Scout System Needs: Table 3-8 Northrop Grumman Global Hawk Specifications: Table 3-9 Northrop Grumman X-47B UCAS Figure 3-10 Northrop Grumman Bat 3 UAV Table 3-11 Northrop Grumman.Bat 3 Features Table 3-12 Northrop Grumman.Bat 3 Specifications Figure 3-13 Northrop Grumman BAT 4 UAV Figure 3-14 Northrop Grumman BAT 4 UAV Features Table 3-15 Northrop Grumman Bat 4 Fully Integrated With Cloud Cap Technolgy

Piccolo II Specifications



Figure 3-16 Northrop Grumman V-BAT UAV Table 3-17 Northrop Grumman V-BAT UAV Features Table 3-18 Northrop Grumman V-BAT UAV Specifications Figure 3-19 Northrop Grumman Super Bat with Piccolo II Autopilot and TASE Gimbal Figure 3-20 Northrop Grumman Super Bat with Piccolo II Autopilot and TASE Gimbal Features Table 3-21 Northrop Grumman MLB Super-Bat Specifications Figure 3-22 Northrop Grumman Fire-X Table 3-24 Lockheed Martin K-MAX Unmanned Helicopter Functions Figure 3-25 Lockheed Martin K-MAX Unmanned Helicopter Figure 3-26 Boeing A160 Hummingbird Unmanned Aerial Vehicle Table 3-27 Boeing-Insitu ScanEagle In Service Views Figure 3-28 Boeing ScanEagle Figure 3-29 BAE Systems Compact Rotary Wing/UAV LDRF Figure 3-30 BAE Systems Herti Next Generation Autonomous Air System Table 3-31 BAE Systems Herti Key Roles Table 3-32 BAE Systems Herti Key Specifications Figure 3-33 BAE Systems MANTIS Table 3-34 BAE Systems Mantis Functions Figure 3-35 BAE Systems MIM500 Series Of Uncooled Infrared Camera Cores Table 3-36 BAE Systems MIM500 Camera Functions Figure 3-37 BAE Systems Taranis Figure 3-38 BAE Systems Telemos Table 3-39 Textron/Aerosonde Aircraft Flight Milestones And Capabilities Table 3-40 Aerosonde Service Capabilities Table 3-41 Textron AAI Optimization For The Aircraft For Military Missions Figure 3-42 Textron Systems AAI Shadow Figure 3-43 Textron Systems AAI Shadow 600 System Table 3-44 Textron Systems AAI Ground Control Stations Table 3-45 Textron Systems AAI Remote Intelligence, Surveillance and **Reconnaissance Terminals** Figure 3-46 Textron Systems AeroVironment UAS: Raven Figure 3-47 Textron Systems AeroVironment UAS: Wasp Figure 3-48 AeroVironment UAS: Puma AE Figure 3-49 Textron Systems AeroVironment UAS: Dragon Eye Figure 3-50 Textron Systems AeroVironment UAS: Ground Control System Table 3-51 Textron Systems Global Observer System Military Functions Table 3-52 Textron Systems Global Observer System Homeland Security Functions

Table 3-53 Textron Systems Global Observer Features



Figure 3-54 Textron Systems AeroVironment UAS Advanced Development:

Switchblade

Figure 3-55 Textron Systems AeroVironment Nano Air UAS Advanced Development Aircraft

Figure 3-56 Aurora Flight Sciences UAS

Table 3-57 Aurora Flight Sciences Tactical UAVs

Figure 3-58 Aurora Flight Sciences Orion

Figure 3-59 Aurora Flight Sciences Orion Magic JCTD

Table 3-60 Aurora Projects

Figure 3-61 Aurora Skate

Table 3-62 Aurora's Line of Tactical UAVs

Table 3-63 DA42 MPP Features

Table 3-64 Aurora DA42 MPP Features

Table 3-65 Aurora DA42 MPP Target Applications

Figure 3-66 Aurora Excalibur

Table 3-67 Aurora GoldenEye 80 Air Vehicle Planned Design Improvements

Figure 3-68 Aurora Flight Sciences GoldenEye

Figure 3-69 L-3 Communications Next Generation Precision Unmanned Aircraft Systems

Figure 3-70 L-3 Communications Cutlass Launching From Ground And Air Tubes

Table 3-71 L-3 Communications Cutlass Launching Alternatives

Table 3-72 L-3 Communications Cutlass Functions

Figure 3-73 L-3 Communications Cutlass

Figure 3-74 L-3 Communications Mid-Tier Filling The Gap Between Tactical And Male UAS

Table3-75 L-3's Mid-Tier UAS Program Functions

Figure 3-76 L-3 Communications Medium Altitude Long Endurance Unmanned Or Manned – Mobius

Table 3-77 L-3 Communications Mobius Proven Airframe Features

Figure 3-78 L-3 Communications Mobius

Figure 3-79 L-3 Communications Cutlass

Table 3-80 L-3 Communications Cutlass Tube-Launched Small UAS Key Features

Table 3-81 L-3 Unmanned Systems' Viking 100 Key Features

Table 3-82 L-3 Unmanned Systems' Viking 300 Key Features

Table 3-83 L-3 Unmanned Systems' Viking 400 Key Features

Table 3-84 L-3 Unmanned Systems' TigerShark Key Features

Table 3-85 L-3 Unmanned Systems' TigerShark Unmanned Aircraft System (UAS) Functions

Table 3-86 L-3 Unmanned Systems' Communications Generation IV Ground Control



Station Key Features

Table 3-87 L-3 Unmanned Systems Communications On-board Precision Automated

Landing System Key Features

Table 3-88 L-3 Unmanned Systems ISR Services

Figure 3-89 Challis Heliplane

Figure 3-90 Challis CH-160 Heliplane Specifications

Figure 3-91 Challis Velocity Raptor Heliplane Specifications

Figure 3-92 Draganflyer Camera

Figure 3-93 Draganflyer Camera Modules

Figure 3-94 Draganflyer Camera Operator Module

Figure 3-95 Draganflyer Hovering

Source: Draganflyer.

Figure 3-96 Draganflyer Quad Rotor Provides Flight Stability Source: Draganflyer.

Figure 3-97 Draganflyer X6 Remotely Operated, Unmanned, Miniature Helicopter

Figure 3-98 Draganflyer Compact Foldable Frame Source: Draganflyer.

Figure 3-99 Draganflyer Camera Real Estate Applications

Figure 3-100 Draganflyer Camera Law Enforcement Applications

Figure 3-101 Draganflyer Camera Traffic Applications

Figure 3-102 Draganflyer Military Tactical Surveillance

Figure 3-102 Draganflyer X8 Helicopter

Figure 3-104 DraganFlyer X8 Helicopter Eight Main Horizontal Rotor Blades

Table 3-105 Griffin Eye Manned ISR System Claw Sensor Control Functions

Figure 3-106 GA-ASI GMTI to EO/IR

Figure 3-107 GA-ASI Select targets by RCS or Size

Figure 3-108 GA-ASI Annotation of Sensor Products

Figure 3-109 GA-ASI Optical Change Detection

Figure 3-110 GA-ASI Aided Target Classification Based On Sensor Model

Figure 3-111 GA-ASI Multi-Spectral Image Viewer

Figure 3-112 General Atomics Aeronautical Systems GA-ASI Stealthy Blue Force Tracking Device

Table 3-113 General Atomics Aeronautical Systems Predator UAS Features

Table 3-114 General Atomics Aeronautical Systems Gray Eagle Features

Figure 3-115 Insitu ScanEagle

Figure 3-116 Insitu Integrator Sustainment Operations

Figure 3-117 Insitu NightEagle

Figure 3-118 Integrated Dynamics UAV Airframe Systems

Figure 3-119 Integrated Dynamics Border Eagle MK - II

Figure 3-120 Integrated Dynamics Hornet

Figure 3-121 Integrated Dynamics HAWK MK - V



Figure 3-122 Integrated Dynamics VISION MK I

- Figure 3-123 Integrated Dynamics Vision M K I I
- Figure 3-124 Integrated Dynamics S/Integrated Dynamics Integrated Dynamics M K I
- Figure 3-125 Integrated Dynamics Vector
- Figure 3-126 MMIST SnowGoose
- Table 3-127 MMist CQ-10B advantages:
- Table 3-128 MMist CQ-10 System
- Figure 3-129 SherpaTM Ranger
- Table 3-130 MMIST Shepra Characteristics
- Table 3-131 Sherpa Systems Guidance Units
- Table 3-132 Sherpa Provider Advantages:
- Figure 3-133 MMist Payload
- Figure 3-134 Marcus Zephyr Airframes UAV Systems
- Table 3-135 Marcus Zephyr Airframes UAV Systems Specifications:
- Table 3-136 Proxy SkyRaider Benefits:
- Table 3-137 Proxy Aviation UAV capabilities
- Figure 3-138 Chinese Jet-Powered WJ600 Chinese jet-powered WJ600
- Figure 3-139 Chinese UAS
- Table 3-140 Chinese V750 Helicopter Drone
- Table 3-141 Air Show China 2010 J10 Chinese Fighter Jets
- Figure 3-142 Boeing X-37B Space Shuttle
- Figure 3-143 Airborne Parrot
- Figure 3-144 Airborne Parrot AR.Drone 2.0
- Figure 4-1 UAS Automatic Surveillance Sense and Avoid Evolution
- Figure 4-2 UAS Airspace Control LD-CAP Conceptual Architecture
- Table 4-3 UAS Automatic Surveillance Sense LD-CAP Experimental Environment
- Figure 4-4 UAS Sense and Avoid: See and Avoid Requirement Aspects
- Table 4-5 UAS Avionics Approach
- Figure 4-6 Northrop Grumman.BAT UAV Features
- Figure 4-7 Aurora Autonomy & Flight Control
- Table 4-8 Aurora Development Capabilities
- Table 4-9 Aurora/NASA Development Of Automated Landing Systems
- Table 4-10 Aurora/NASA Development Automated Landing System
- Table 4-11 Aurora/NASA Autopilot Development Issues
- Table 4-12 Aurora/NASA Flare Planner Development
- Table 4-13 Roles And Capabilities, Provided By Manned Platforms, With UASs by 2030
- Figure 4-14 Size, Role, and Platform of Unmanned Aircraft
- Table 4-15 Aircraft Prime Contractor Missions
- Table 4-16 L-3 Communications LinkTEK Key Communication Features



Figure 4-17 linkTEK IDS Integrated, power-packed flight control Table 4-18 flightTEK Controls Tightly integrated, power-packed flight control for UAVs Figure 4-19 Large Project Management Figure 4-20 Draganflyer Remote Supervision and Investigation of Equipment Figure 4-21 Draganflyer Pipeline/Hydro-Transmission Line Inspection Figure 4-22 Draganflyer Remote Supervision and Investigation of Agricultural Fields and Crops Figure 4-23 Draganflyer Advanced RC Flight Research Figure 4-24 Draganflyer Remote Aerial Archeology Figure 4-25 Draganflyer Remote Environmental Assessment Figure 4-26 Draganflyer Fun Figure 4-27 Advanced Flight Entertainment Table 4-28 Draganflyer RC Helicopter Aerial Photography and Videography Platform Table 5-1 Global Leader in Counter-IED Table 5-2 Allen Vanguard Corporate Brands Table 5-3 Allen Vanguard R&D Directions Figure 5-4 ASN Technology Group has 10 UAVs Figure 5-5 Aurora Flight Sciences Positioning Table 5-6 Aurora Flight Sciences of Mississippi (AMS) Operations Functions Figure 5-7 Aurora's Centaur Low-Cost, Reliable General Aviation ISR Aircraft Can Be **Converted For Unmanned Flight** Table 5-8 BAE Systems Company Positioning Figure 5-9 BAE Systems Strategy Figure 5-10 BAE Systems Contract for PIM Table 5-11 Beijing Defense Key Business Areas Table 5-12 Boeing Military Aircraft Key programs Table 5-13 Boeing Unmanned Airborne Systems: Table 5-14 Boeing Weapons: Figure 5-15 Challis Heliplanes Table 5-16 Chemring EOD Limited Initiation Systems/Exploders Figure 5-17 Chinese Jet-Powered WJ600 Chinese jet-powered WJ600 Figure 5-18 Chinese UAS Table 5-19 Chinese V750 Helicopter Drone Table 5-20 Air Show China 2010 J10 Chinese Fighter Jets Figure 5-21 Draganfly Innovations X8 Figure 5-22 Draganfly Innovations X6 Figure 5-23 Draganfly Platform Figure 5-24 DRS Technologies Tablet Computer



Figure 5-25 General Atomics Aeronautical Systems Predator UAS Series Guidance And Control

Figure 5-26 General Dynamics Divisions

Figure 5-27 General Dynamics Eagle

Figure 5-28 General Dynamics Duro

Figure 5-29 General Dynamics Piranha

Figure 5-30 General Dynamics Pandur 6 x

Table 5-31 General Dynamics Pandur 6 x 6 Features

Figure 5-32 General Dynamics Pandur 8 x

 Table 5-33 General Dynamics Pandur 8 x 8 Features

Figure 5-34 General Dynamics Piranha

Figure 5-35 General Dynamics Ascod

Figure 5-36 General Dynamics SK

Table 5-37 General Dynamics SK 105 Features

Figure 5-38 General Dynamics M3 – A Synergy of Experience and Modern Technology

Figure 5-39 General Dynamics IRB – Combat Proven Bridge Equipment

Table 5-40 General Dynamics Bridge Equipment Features

Figure 5-41 General Dynamics REBS – The Bridge for the Future Army

Figure 5-42 General Dynamics IAB – A light weight bridge for several uses

Figure 5-43 General Dynamics EAGLE Armored Patrol Vehicle

Figure 5-44 Insitu Small Tactical Unmanned Air System

Figure 5-45 Insitu's ScanEagle Unmanned Aircraft System U.S. Air Force Academy Training

Figure 5-45 Kongsberg Key Orders for Maritime

Figure 5-46 Kongsberg Crows Initiative

Figure 5-47 Lockheed Martin Segment Positioning

Figure 5-48 Lockheed Martin Aeronautics Segment Positioning

Figure 5-49 Lockheed Martin Aeronautics Segment Portfolio

Figure 5-50 Lockheed Martin Aeronautics C130 Worldwide Airlift

Figure 5-51 Lockheed Martin Aeronautics Falcon Fighter

Figure 5-52 Lockheed Martin Electronic Systems Portfolio

Figure 5-53 Lockheed Martin Electronic Systems Segment

Figure 5-54 Lockheed Martin Electronic Systems Segment Revenue

Figure 5-55 Lockheed Martin Information Systems Segment Revenue

Figure 5-56 Lockheed Martin Space Systems Segment Revenue

Figure 5-57 MMist Cargo Unmanned Aerial System

Figure 5-58 Northrop Grumman Systems Segments

Figure 5-59 Northrop Grumman Portfolio

Figure 5-60 Northrop Grumman Segment Revenue Growth



Figure 5-61 Northrop Grumman Aerospace Systems Segment

Figure 5-62 Northrop Grumman Electronic Systems Segment

Figure 5-63 QinetiQ Dragon Runner Urban Operations Rugged Ultra-Compact,

Lightweight And Portable Reconnaissance Robot

Table 5-64 QinetiQ Customer Base

Figure 5-65 Re2 Open Architecture for Robots

Figure 5-66 Technorobot

Figure 5-67 Technorobot Collaborations

Table 5-68 Thales Key Technology Domains

Figure 5-69 Thales Measurable Environmental Targets

Table 5-70 Vecna Technologies Hydraulic End Effector Specifications



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