This report analyzes the worldwide markets for Aerospace and Defense Industry in US$ Million by the following Industrial Sectors:

- Aircraft Products & Services (Airframe, Aircraft Engine, Aircraft Components, Commercial Avionics, Military Avionics, In-flight Entertainment, & MRO)
- Missiles (Air-to-Air, Air-to-Surface, Air Defense, Surface-to-Surface, Antiship, Antitank, Bombs (Guided), Intelligent Munitions, & Others)
- Aircraft Training & Simulation (CBT & E-Learning, Commercial Flight Simulation, & Military Flight Simulation)
- C4ISR & Related (Unmanned Aerial Vehicle, Electronic Warfare, Mine Countermeasures, Naval Radar and Sonar, Chemical & Biological Agent Detectors, Infrared Imaging Systems and Components, Military Ground Communications, Land-Based Surveillance Radar, & Others)
- Space Equipment (Launch Vehicles, Communications Satellites, & Earth Observation Satellites)
- GPS (Geotechnologies) (Commercial Satellite Imaging, Commercial Aerial Imaging, GIS Software, Commercial SAR Data, and Commercial SAR Software).

The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Middle East, and Latin America. Annual estimates and forecasts are provided for the period 2013 through 2020. Also, a seven-year historic analysis is provided for these markets. Market data and analytics are derived from primary and secondary research. Company profiles are primarily based on public domain information including company URLs.

The report profiles 368 companies including many key and niche players such as:

- Arianespace SA
- ATR
- B/E Aerospace, Inc.
- BAE Systems Plc
- Cessna Aircraft Company
3. Aircraft Training & Simulation
CBT & E-Learning
Commercial & Military Flight Simulation

4. C4ISR & Related
Unmanned Aerial Vehicle
Electronic Warfare
Mine Countermeasures
Naval Radar and Sonar
Chemical & Biological Agent Detectors
Infrared Imaging Systems and Components
Military Ground Communications
Land-Based Surveillance Radar
Others

5. Space Equipment
Launch Vehicles
Communications Satellites
Earth Observation Satellites

6. GPS (Geotechnologies)
Commercial Satellite Imaging
Commercial Aerial Imaging
GIS Software
Commercial SAR Data
Commercial SAR Software

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Advent of UCAV Revolutionizes Warfare
Trend Towards Developing Modular- Distributed C4ISR Systems to Gather Momentum

3. PRODUCT OVERVIEW

Aircraft Products & Services
Airframe
Aircraft Engine
Aircraft Components
Commercial Avionics
Military Avionics
In-flight Entertainment
MRO
Missiles
Air-to-Air Missile
Air-to-Surface Missile
Air Defense Missile
Surface-to-Surface
Antiship
Antitank
Bombs (Guided)
Intelligent Munitions
Others
Specific Missiles
Air-Launched Surface-Attack Guided Missile (AGM)
AGM-88A/B/C High-speed Antiradiation Missile (HARM):
Dimensions:
AGM-130 Missile (Weapons system):
Dimensions:
AGM-154 Joint Standoff Weapon (JSOW)
Dimensions:
AGM-65 Maverick:
Dimensions:
AGM-86B/C Air-Launched Cruise Missile:
Dimensions:
AGM-129A Advanced Cruise Missile:
Airborne Tactical and Defense Missiles
AGM-142:
Dimensions:
Air-Launched Intercept-Aerial Guided Missile (AIM)
AIM-7 Sparrow:
Dimensions:
AIM-9 Sidewinder:
AIM-120A Advanced Medium Range Air-to-Air Missile (AMRAAM):
Dimensions:
Cluster Bomb Unit (CBU)
CBU-89 Gator:
Enhanced Guided Bomb Unit (EGBU)
EGBU-15:
Guided Bomb Units (GBU)
GBU-10 Paveway II:
GBU-12 Paveway II:
GBU-15:
GBU-24 Paveway III:
GBU-27:
GBU-28:
GBU-31/32 Joint Direct Attack Munitions (JDAM):
Mark (General Purpose Bomb)
MK-82:
MK-83:
MK-84:
LGM Silo-Launched Surface Attack Guided Missile
LGM-30G Minuteman III:
LG-118A Peacekeeper:
Air-to-Air Booster Cylinder
Tube Launched, Optically Tracked, and Wire Guided (TOW) Missile System
JDAM
Major Technologies in Air-to-Air Missiles Segment
Advanced Propulsion Technology
Ramjet
Solid-Fuel Ramjet
Integral Rocket Ramjet
Ducted Rocket Ramjet
Advanced Guidance/Seeker Technology
Active Radar
Imaging Infrared Focal Plane Array
Command-Inertial Guidance
Dual-Mode Seekers
Other Missile Technologies
Aircraft Training & Simulation
CBT & e-Learning
Military Training & Simulation
Commercial & Military Flight Simulation
Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR) & Related Systems
Unmanned Aerial Vehicles
UAV Tier Classification
Video Information Capability Enhancement System (VICE)
Electronic Warfare
Mine Countermeasures
Naval Radar and Sonar
Chemical & Biological Agent Detectors
An Overview of Select Biological Agents
Sensitivity and Selectivity
Key for Agent Detection
Major Biological and Chemical Detectors
Infrared Imaging Systems and Components
Military Ground Communications

Dimensions:
Enhanced Guided Bomb Unit (EGBU)
EGBU-15:
Guided Bomb Units (GBU)
GBU-10 Paveway II:
GBU-12 Paveway II:
GBU-15:
GBU-24 Paveway III:
GBU-27:
GBU-28:
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Command-Inertial Guidance
Dual-Mode Seekers
Other Missile Technologies
Aircraft Training & Simulation
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Military Training & Simulation
Commercial & Military Flight Simulation
Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR) & Related Systems
Unmanned Aerial Vehicles
UAV Tier Classification
Video Information Capability Enhancement System (VICE)
Electronic Warfare
Mine Countermeasures
Naval Radar and Sonar
Chemical & Biological Agent Detectors
An Overview of Select Biological Agents
Sensitivity and Selectivity
Key for Agent Detection
Major Biological and Chemical Detectors
Infrared Imaging Systems and Components
Military Ground Communications
Land-Based Surveillance Radar
Others
Space Equipment
Launch Vehicles
Communications Satellites
Earth Observation Satellites
A-to-Z of Satellite
Satellite: Orbit:
Low Earth Orbit (LEO):
Medium Earth Orbit (MEO):
Geostationary Earth Orbit (GEO):
Satellite's Footprint:
Burn:
The Interior of a Satellite
The Propulsion Subsystem:
The Power Subsystem:
The Communications Subsystem:
The Structures Subsystem:
The Thermal Control Subsystem:
The Attitude Control Subsystem:
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Commercial/Military Aircraft Models
Aircraft Categories
Military Aircraft
F-15E Strike Eagle (Fighter Plane):
Armament:
Dimensions:

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Vector Aerospace Enters into Agreement with Aerotech for Extending Engine Repair & Overhaul Services
PositiveID and UTC Aerospace Systems Enter into Agreement to Support US DOD Contract
Bombardier Appoints CAE as its Authorized Training Provider
Rolls-Royce Signs Agreement to Supply 600 AE2100 Turboprops to Power All Versions of C-130J Super Hercules Aircraft
CACI Secures US Navy Contract to Supply C4ISR systems
Liberty Hall Announces Acquisition of McCann Aerospace
Merex Group Completes Acquisition of Kellstorm Defense Aerospace
Orbital and ATK Aerospace Enter into Merger Agreement
Textron Acquires Beechcraft
HAECO Acquires TIMCO Aviation Services
Mitsubishi Heavy Industries (MHI) and IHI Corporation Mull Merging Assets
Greenwich Aerogroup Merges Two Subsidiaries
Google Buys Titan Aerospace
UTC Aerospace and Embraer Partner to Demonstrate Next Generation Electric Braking System
UTC Aerospace Unveils Cloud Cap Technology Piccolo Nano Autopilot
Boeing and Tawazun Precision Industries Partner to Establish Production Aerospace Surface Treatment Facility in UAE
Penton Aviation Announces Formation of Penton Business Aviation Market Group
Bombardier Signs Firm Purchase Agreement With American Airlines for 30 CRJ900 Aircraft
SAAB Concludes Agreement with Swedish Defence Materiel Administration (FMV) for GripenE Aircraft
ADASI and Boeing Conclude Teaming Agreement to Serve Unmanned Systems Market in the Region
ARNIC Direct and Honeywell Enter into an Agreement to Extend Inmarsat's GX Aviation Global Ka-Band Solution to Business Aviation Market
Boeing Unveils 787-10 Dreamliner Commercial Aircraft
Textron AirLand Unveils Prototype Scorpion Strike-ISR Aircraft
BAE Confirms Contract to Supply Active Side Sticks as well as Flight Control Electronics for Embraer's KC-390
Air refuelling and Transport Aircraft
Mubadala Aerospace Announces Agreement With Airbus
Rolls-Royce Enters into Partnership with Mubadala
Malindo Air Enters into Agreement with Abacus International
AAR Ramps Up Third Line of Maintenance to Serve Air Canada's Commercial Aircraft Fleet
Ball Aerospace's STPSat-3 Arrives at Launch Facility Based at Wallops Island
Air Force Launches Sixth of its Wideband Statcom Satellite Successfully
Brahmos Secures Large Order from Indian Defense Forces
TAT Technologies Secures Lockheed Martin's Contract
ATK Technologies Supports Delta IV Rocket Launch
MBDA Inks MOU Missile Launchers with Lockheed Martin
Elbit Partners With Sharp Aviation to Establish JV Company
Lighter Than Air Provides Six Aerostats and Trailer Mounted Launcher System to US Army Space and Missile Defense Command
Second of the Space Based Infrared System (SBIRS) Launched From Cape Canaveral
Lockheed Martin Wins US Army Aviation and Missile Command PAC-3 Contract
Sensintel Buys BAE's Unmanned Ariel Systems Business
GE Successfully Acquires Avio's Aviation Related Business
Liberty Hall Buys Precise Machining & Manufacturing
Astronics Buys AeroSat
United Performance Metals Acquires Vulcanium
Cobham Buys FB Leasing and FB Heliservices
Lighter Than Air Provides Six Aerostats and Trailer Mounted Launcher System to US Army Space and Missile Defense Command
Second of the Space Based Infrared System (SBIRS) Launched From Cape Canaveral
Lockheed Martin Wins US Army Aviation and Missile Command PAC-3 Contract
Sensintel Buys BAE's Unmanned Ariel Systems Business
AVIC International Acquires Manufacturing Assets of Thielert Aircraft Engines GmbH
GE Successfully Acquires Avio's Aviation Related Business
Liberty Hall Buys Precise Machining & Manufacturing
Air Industries Acquires Miller Stuart
Astronics Inks Agreement to Acquire PGA Electronic
Benchmark Electronics Acquires CTS Corp's EMS Segment
RTI International Acquires of Osborn Metal's Osborn Steel Extrusions Business Unit
Astronics Buys AeroSat
ATK Secures US Navy Contract for Manufacturing Supersonic Air-Launched Tactical Missiles
Sikorsky and PZL Mielec Ink LOI with Principal MRO Company in Poland
Boeing Inks 5 Year Contract with Dassault Systemes to Extend Use of Company's Applications
Clockwork Unveils Product Suite for Aerospace & Defense
Kaman and Kineco Enter into an Agreement India Based Manufacturing Company
AES and Panasonic Avionics Ink Multi-Year Master Supply Agreement
BAE Systems Completes Construction of its New Texas Based Manufacturing Center
Boeing and IAI Expand Collaboration on Arrow Anti-Ballistic Missile Program
ARNIC Forms Subsidiary for Providing MRO Services for Defense and Commercial Market
Delta Airlines to Introduce Gogo’s Transoceanic Inflight Internet Service on its Fleet of 150 International Long Haul Aircraft
Southwest Airlines Previews New Inflight Entertainment Facility
Mena Aerospace and Gal Aviation Join to Form Galmena Joint Venture
Passaredo Linhas Aéreas Inducts New ATR 72-600
Pratt & Whitney Canada Inks MRO Service Agreement With Pacific Royale Airways
GALMENA and ExecuJet Ink Service Agreement
Honeywell and Inmarsat Ink Agreement to Offer Inflight Connectivity Services
AAR Adds Aircraft Engine Fuel Pumps Repair & Overhaul Services to its MRO Services Portfolio
Thales and CECTA Ink Agreement on Joint Venture for COMAC C919 Aircraft
COMAC and Boeing Ink Collaboration Agreement
IAE Inks Fleet Hour Agreement with United Airlines
PAG Introduces New Rotorcraft Services Division Business at its Subsidiary
Gulfstream Expands Its Preowned Aircraft Sales to Include Brokerage Services
B/E Aerospace Inks Agreement to Acquire Interturbine
Marubeni Partners With Magellan
Epic Aircraft Set to Be Acquired By Engineering LLC
TransDigm Completes Acquisition of AmSafe

5. FOCUS ON SELECT GLOBAL PLAYERS

Arianespace SA (France)
ATR (France)
B/E Aerospace, Inc. (USA)
BAE Systems Plc (United Kingdom)
Ball Aerospace & Technologies Corporation (USA)
Bell Helicopter Textron, Inc (USA)
Bombardier, Inc. (Canada)
Cessna Aircraft Company (USA)
CFM International Inc. (USA)
DAHER-SOCATA (France)
Airbus Group (Netherlands)
Airbus S.A.S (France)
Embraer SA (Brazil)
Finmeccanica S.p.A. (Italy)
AgustaWestland S.p.A (Italy)
GE Aviation (USA)
Gulfstream Aerospace Corporation (USA)
Hawker Beechcraft Corporation (USA)
Honeywell International, Inc. (USA)
Ilyushin Aviation Complex JSC (Russia)
IRKUT Corporation (Russia)
Israel Aerospace Industries Ltd (Israel)
Kaman Corporation (USA)
Lockheed Martin Corporation (USA)
MBDA Missile Systems (USA)
Northrop Grumman Corporation (USA)
Pratt & Whitney (USA)
Raytheon Company (USA)
Rolls-Royce Plc (United Kingdom)
RUAG AG (Switzerland)
Sikorsky Aircraft Corporation (USA)
Snecma SA (France)
Thales Group (France)
The Boeing Company (USA)
Turbomeca SA (France)
UTC Aerospace Systems (USA)

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IV. COMPETITIVE LANDSCAPE

Total Companies Profiled: 368 (including Divisions/Subsidiaries 477)
The United States (214)
Canada (21)
Japan (18)
Europe (174)
France (32)
Germany (31)
The United Kingdom (46)
Italy (10)
Spain (4)
Rest of Europe (51)
Asia-Pacific (Excluding Japan) (30)
Latin America (1)
Africa (4)
Middle East (15)

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