

## Compass Systems, Inc. Capabilities/Experience

Field	Data
Company Name	Compass Systems, Inc. 21471 Great Mills Road Lexington Park, MD 20653-4239
Point of Contact	Julie Hartshorn 301-737-4640 <a href="mailto:Julie.hartshorn@compass-sys-inc.com">Julie.hartshorn@compass-sys-inc.com</a>
Technical Capability	<p>Compass Systems, Inc. (Compass) is a customer-focused, engineering services company employing a staff of highly qualified engineers, software professionals and technicians who understand cutting-edge designs of tactical systems and how they can integrate with current and future U.S. Naval Systems. We have 130+ full-time professionals and support staff.</p> <p>Compass was founded in 1997 and incorporated in Maryland in 2000. As a small business with locations in Lexington Park, MD; Johnstown, PA; and Yuma, AZ; we provide S&amp;T, RDT&amp;E engineering solutions, systems integration services, component production and program engineering support services to Department of Defense, NAVAIR (PMA 290 (P-3, EP-3, P-3 SPA and P-8), PMA 299 (H-60), AIR-4.5 (Avionics, CDU, and UAV), and AIR-5.0 (T&amp;E)), ONR, NRL, U.S. Army Corps of Engineers and other Federal Agencies.</p> <p>Compass' capabilities include <b>Mechanical Engineering</b> with the associated loads analyses and <b>Draftsman</b> support (AutoCAD, ProE, SolidWorks, and CATIA), <b>Electrical / Electronics / Avionics Engineering</b> including circuit board design and production, <b>Software Engineering and Development, Systems Engineering</b> for Naval Aviation platforms (fixed wing, rotary wing and UAV), and <b>Engineering Services</b> (Technicians for Field Operations, Maintenance and In-service Engineering). Further, Compass skills span <b>Test and Evaluation (T&amp;E), Rapid Prototyping and Small Lot Manufacturing</b>, and <b>Automatic Identification Technologies</b> (e.g., Barcodes, RFID, etc.). Also, we are a licensed reseller of Satellite Services (Airtime) which is a natural extension of our C4ISR and C2 efforts. Finally, Compass has a patent pending and holds trademark rights to two Rapid Intelligence Gathering Devices with Standoff Mapping and Reporting capabilities, the <b>Hammer™</b> and <b>OMNi™</b>.</p> <p>We have researched, analyzed, designed, built, integrated, tested, evaluated, operated and maintained electronic sensors and</p>

	<p>mission equipment for the C-130J, EC-130J, E-2C/D, F-18 A/G, MH-60S, P-3 (ASW, <b>SPA and EP-3</b>), P-8, SH-60R, UAS, VH-3, VH-60R, Land Based EO/IR Solutions, Vehicle Mounted EO/IR Solutions (U.S. Army), Unmanned Air Vehicles (UAVs) (e.g., TigerShark, Airsonde, and Silverfox) , and Small Aircraft Integrations. Our engineering staff has worked on or integrated radars, EO/IR sensors, SATCOM, radios, Acoustic Sensors, mission computers and software, and various antennas including RF and antenna placement analyses. Most importantly, our engineers understand the NAVAIR and FAA flight clearance process and routinely collaborate with their NAVAIR counterparts. Of note, we are presently supporting separate C4ISR RDT&amp;E efforts of AIR-4.5X and ONR (Code 31), both CONUS and OCONUS using the TigerShark UAV.</p> <p>Compass is recognized as an exceptional company providing critical services to the military. In 2009, the Patuxent Partnership selected Compass to receive their Leading Edge Award from the 400 plus companies belonging to the Partnership. In 2011, the Gazette of Politics and Business recognized Compass as fifth among the top 53 Exceptional Businesses in the Washington DC metro area.</p>
Tasking	Compass Systems provides engineering services to the government including mechanical, electronic, electronic, systems, and software engineering; engineering integration and rapid prototyping; limited quantity manufacturing; test and evaluation; and program / project and financial management.
Functional Area(s)	3.1, 3.2, 3.4, 3.5, 3.6, 3.10, 3.11, 3.14, 3.18, 3.19, 3.20, 3.21
Past Performance	<p>Contract #: N68335-09-C-0390  Contract Title: Sensors, Communications and Network Development Engineering  Customer: Office of Naval Research (ONR)  POC: Dr. Michael Pollock  Phone #: (703) 696-4202</p> <p>Contract #: N68335-08-C-0319  Contract Title: Communications and Network Development Engineering  Customer: NAVAIR 4.5.6  POC: Janet Marks  Phone #: (301) 342-9149</p> <p>Contract #: N00421-07-C-0011  Contract Title: Tactical, Optical, Reconnaissance and Surveillance</p>

	Engineering Customer: NAVAIR 4.5X POC: Bill Gallagher Phone #: (301) 757-9628
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