



Flight Test and Evaluation Solutions

Program Support, Testing, and Engineering Services



KBR SERVICES AND SOLUTIONS

KBR has provided aeronautics research, development, test and evaluation (RDT&E) solutions, systems engineering, and program support to almost every U.S. Navy aircraft built since World War II, including the F/A-18, F-35, H-60, P-8 and E-2D.

Our team supports most Department of Defense (DoD) aircraft, and a variety of Foreign Military Sales (FMS), Coast Guard and commercial aviation platforms. Our flight test and evaluation (T&E) expertise includes independent verification and validation (IV&V); TEMPEST/EMC testing; design and build support; and interoperability testing.

We also perform integration testing on a wide range of avionics subsystems including radar, infrared (IR), electro-optic and other sensors, communications, data link, flight controls, propulsion, navigation, operator interfaces and displays, mission computers and related software.

KBR maintains a strong Government Flight Representative (GFR)-approved flight test organization where our T&E aircrew contribute to program management, engineering, systems analysis and flight test support.

KBR ADVANTAGES

- Expertise in most DoD aircraft, and a variety of FMS, Coast Guard and commercial aviation platforms
- Largest independent flight test organization in the world
- Extensive avionics/aircraft integration and systems engineering subject matter expertise
- Recognized GFR-approved flight program
- Expert pilots and aircrew qualified to perform all categories of engineering and experimental test flights (USN categories A, B, C, and D)
- ISO 9001:2015 with Design
- Long-standing leading provider of trusted agent services within T&E community

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KBR PROVIDES T&E EXPERTISE ON A WIDE VARIETY OF AVIATION PLATFORMS INCLUDING:

- AH-1
- AH-64
- AV-8B
- Cargo UAS
- C-130
- C-17
- C-2
- E-2C/D
- EA-6B
- E-6
- F/A-18
- F-16
- F-35
- F-15
- H-3
- H-53
- H-60
- MQ-4C Triton
- P-3
- P-8
- T-45
- T-6
- V-22
- MQ-8B/C Fire Scout

EXAMPLES OF AVIONICS AND FLIGHT TEST SUPPORT SERVICES:

- IV&V of tactical software for the E-2D mission computer
- T&E of the P-8 aircraft and avionics systems
- “Turn-key” flight test support of the Air Force airborne expendables program
- TEMPEST/EMC testing of numerous Navy aircraft, including P-3, EP-3, F/A-18E/F, Presidential helicopters and Coast Guard aircraft including HH-65, HU-25, C-130, and HH-60
- Design and build support for Boeing 777 Telemetry Ground Station
- Interoperability testing of H-60, P-3, F/A-18, MQ-8B and MQ-4C using the Surface/Aviation Interoperability Laboratory (SAIL)



KBR PERFORMS INTEGRATION TESTING ON AVIONICS SUBSYSTEMS INCLUDING:

- Radar
- Infrared (IR)
- Electro-optic
- Communications
- Data link
- Flight controls
- Propulsion
- Navigation
- Operator interfaces/displays
- Mission computers
- Other software
- Other sensors

Contact us for more information:

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