



KBR Test Facility

Reese Technology Center,
Lubbock, Texas



The KBR Test Facility (KTF) delivers full life cycle test support, from requirements analysis, test design, and test planning, to test execution (including aircrew services), test analysis and data reduction, and test reporting. By integrating KTF and KBR's test and engineering services expertise, we offer customers reduced test lead-time from months to weeks, while providing the specific test conditions required at a significant discount over other national test ranges. Located in Lubbock, Texas, on the former Reese Air Force base, KTF is centrally located within the U.S. and is easily accessible, with only a short distance to the airport and other amenities. The KTF has a robust infrastructure and test capability enabling KBR and industry partners to operate successfully at low cost, high availability, and high effectiveness.

AREAS OF EXPERTISE

Twenty-four hours a day – seven days a week – you can count on KBR to provide test support expertise for your test and evaluation requirements.

Test and Evaluation Services:

- Testing services include radar, infrared, electro-optic and other sensors, communications, data link, flight controls, propulsion, navigation, operator interfaces and displays, mission computers and related software.
- Avionics integration testing services improve mission success and enhance the capabilities of aerospace, ground combat and tactical systems.

Aerospace Intelligence, Surveillance, Reconnaissance, and Targeting (ISR&T) and Command, Control, Communications, Computers, and Intelligence (C4I):

- KBR is a world-recognized leader in ISR&T and aircraft mission systems test and evaluation, with more than 13 years of experience conducting testing of airborne ISR&T assets at KTF.

- KTF is at a private airfield in Class G airspace surrounded by five Military Operating Areas (MOAs) within 50 miles, making the surrounding airspace test-friendly and easily accessible.
- KBR's C4I expertise is relied upon by numerous U.S. defense and civilian agency customers. With excellent line of sight out to 170 miles, and little to no terrain masking in all directions, KTF can support most airborne or space-based sensor grazing angles and allows for high quality line of sight communication testing. Antennas, sensors, radios, and other survey or electronic equipment can be mounted on raised structures, such as the tower, improving range. The large test area also provides additional room to support equipment set up or to operate targets.



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AREAS OF EXPERTISE CONT.

Small Unmanned Aerial Systems (sUAS) Operations:

- With an abundance of ramp space, turnkey hangar facilities, and undeveloped property, there is capacity to build and install critical UAS infrastructure requirements (such as communications, telemetry, ramp and ground operations, and ground support equipment) to meet current and future requirements.
- KBR has FAA-certified pilots available to fly sUAS on the airfield day and night.

Ground Vehicle Testing:

- KTF provides access to the entire airfield, including runways, taxiways, and all service roads. Many of the 12 miles of controlled roads with varied terrain are accessible by standard vehicles, and all other areas of the airfield are accessible via off-road vehicles. KTF has supported vehicles from sports cars to bulldozers.
- The area is extremely flat with less than 25 feet of elevation variation with no significant buildings or structures on the airfield.

PROVEN PERFORMANCE

KBR's test and engineering specialists have a trusted set of experience ready to assist you at all times:

- Leading provider of AS9100D and ISO 9001:2015-certified sustainment engineering services.
- Proven Government Flight Representative (GFR)-approved flight test organization.
- Aeronautics research, development, test, and evaluation (RDT&E) services, systems engineering, and program support to almost every U.S. Navy aircraft built since World War II.

WHY KBR?

KTF is a robust testing site offering full life cycle support to customers both large and small. With 1,700 acres of fenced, controllable test area and one 6,500-foot runway; two 10,000-foot runways along with one 3,600 sq. ft. hangar and one 2,100 sq. ft. hangar, KBR has the space for your test and evaluation needs. Our facility is an impressive 6-story, 75-foot control tower with unobscured view of entire airfield, containing three 970 sq. ft. climate-controlled buildings for operations with available customization. We have on-site facilities management team and long-term equipment storage; a dedicated security services available 24/7 access to facilities; and machine shop on-site for local equipment fabrication. Development and integration lab off-site available for larger projects and access to a 2,500 sq. ft. raised floor data center.

NEXT STEPS

Let's talk about your test and evaluation goals and how KBR can help you achieve them. Contact us to learn more and schedule a consultation with **Mark Dieter** at mark.dieter@us.kbr.com.

ABOUT US

We deliver science, technology and engineering solutions to governments and companies around the world. KBR employs approximately 29,000 people worldwide with customers in more than 80 countries and operations in 40 countries.

KBR is proud to work with its customers across the globe to provide technology, value-added services, and long-term operations and maintenance services to ensure consistent delivery with predictable results. At KBR, we are the Team Behind the Mission.