The KBR Test Facility (KTF) is 1,700 acres of controllable test area, consisting of one 6,500-foot runway, two 10,000-foot runways, and several support buildings, including two hangars and the airfield’s former aircraft control tower. 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.

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.

OUR TEST FACILITY

- 1,700 acres of fenced, controllable test area
- One 6,500-foot runway; two 10,000-foot runways
- One 3,600 sq. ft. hangar; one 2,100 sq. ft. hangar
- 6-story, 75-foot control tower with unobscured view of entire airfield
- Three identical 970 sq. ft. climate-controlled buildings, currently being used as a machine shop, office space, and an operations center for existing testing
- Additional buildings are available and can be customized for storage, fabrication, or office space
- Structures and buildings can be constructed throughout the field as needed

KBR ADVANTAGES

- 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
TEST CAPABILITIES

Test and Evaluation Services

- Our 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.
- Our 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’s location offers easily obtainable airspace due to the low air traffic density in the area.
- 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 is able to support most airborne or space-based sensor grazing angles and also 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.

Small Unmanned Aerial Systems (sUAS) Operations

- Our 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.
- KBR has FAA-certified pilots available to fly sUAS on the airfield.

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 airfield is extremely flat with less than 25 feet of elevation and there are no significant buildings or structures on the airfield.

Contact us for more information:
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FACILITY SERVICES AND TECHNOLOGY BENEFITS

- On-site facilities management team
- On-site long-term equipment storage
- Dedicated security services available
- 24/7 access to facilities
- Machine shop on-site for local equipment fabrication
- Development and integration lab off-site available for larger projects
- Access to a 2,500 sq. ft. raised floor data center
- OC 192 capable local fiber optic network
- High speed wired/wireless internet