

Contract Information

1. T50IQ SUBCONTRAC 14-02 (LM Aero, Engineering SW Support)
2. T50IQ SUBCONTRACT14-01 (LMTISIC, Tech Support)

The radar will be operated from a test stand at the Lockheed Martin Aeronautics – Fort Worth (LM Aero) Systems Integration Laboratory (SIL). The primary objective of the testing is to verify the proper integration of the ELTA EL/M-2032 radar with the FA-50 aircraft avionics suite. This includes testing and verifying hardware interfaces (power, video, discrete signals, etc.), software interfaces (1553 multiplex bus interface signals), and functional operation of the system within the defined Pilot Vehicle Interface of the aircraft. Some of this testing includes free-space transmissions to allow, for example, the selection and tracking of aircraft targets of opportunity.