

Response to Question 6: Research Project

Lockheed Martin Corporation, through its LM Aeronautics Company (LM Aero), desires to flight test a demonstration aircraft at the LM Aero facility at Greenville, SC and at Palmdale, CA. The purpose is to validate the performance of the aircraft to meet the requirements of an Advance Pilot Trainer (APT). Aircraft flight test telemetry is essential to the safe, efficient, and successful accomplishment of this requirement.

The aircraft is a KAI T-50 to be delivered from Korea for the demonstration purposes and is currently equipped with a Teletronics Technologies Corporation (TTC), Model TTS-6335, wideband FM transmitter. Telemetry data will include safety-of-flight and safety-of-equipment data to be reviewed in real-time by discipline engineers to insure the safety of the pilot and ground personnel, and safe and efficient operation of the aircraft.

Telemetry will be received by a temporary telemetry receiving and processing facility located at the LM Aero facility at Donaldson Airfield in Greenville, SC.