

PURPOSE OF EXPERIMENTATION

Lockheed Martin Corporation ("Lockheed Martin") hereby requests experimental authority to test aircraft-embedded data-link (EDTU) communications in connection with its Advanced Pilot Trainer (APT) Program. Lockheed Martin requires authority to test this particular component of the APT architecture in order to validate and improve its functionality, which is essential to the development of the overall program.

The EDTU equipment will be utilized on two (2) KAI T-50 aircraft, which have been delivered from Korea for the demonstration purposes. The operation area indicated on the Form 442 is a 200 km radius around the Donaldson Airfield where the aircraft will operate from and where the ground station will be located.