

Form 442 Question 4: Government Project Description

This experimental license request supports the MITRE RCAT Project, Project # 029945. This USAF-funded project supports aircraft upgrades for the USAF's Global Air Traffic Management (GATM) Program. All testing is conducted at the MITRE Laboratory, located in Bedford, Ma, and this specific lab is called the "Reconfigurable Cockpit & Avionics Testbed (RCAT)". These tests demonstrate the feasibility of using various vendor avionics via ARINC's GLOBALink network, and two ARINC MILCOM Gateway Workstations to provide end-to-end seamless VHF, HF, and Satellite data link communications. The results of these tests help the USAF determine which avionics/data link equipage configurations work best for various airframes.