



DEFENSE ADVANCED RESEARCH PROJECTS AGENCY
3701 NORTH FAIRFAX DRIVE
ARLINGTON, VA 22203-1714

From: Defense Advanced Research Projects Agency
To: FAA, John Page
Subject: Request for Certificate of Authorization (COA) for Unmanned Raider Powered Parafoil Flight Testing at Robotek Airport, Texas

References:

- (a) FAA Order 7210.3, Facility Operation and Administration
- (b) FAA Order 7610.4, Special Military Operations
- (c) MIL-HDBK-516A

The Defense Advanced Research Projects Agency (DARPA) of the Department of Defense has evaluated the Unmanned Raider PPG Powered Parafoil using the guidance of MIL-HDBK-516A and has found it to be airworthy within the usage limitations identified in this application for Certificate of Authorization and safe to operate in the National Airspace System within the flight zone outlined in this application.

In accordance with the guidance of MIL-HDBK-516A, the described Unmanned Raider PPG System will satisfy Safety-of-Flight criteria in that it can safely attain, sustain and terminate flight within prescribed and accepted limits for injury/death to personnel and damage to equipment, property and environment when operated within the described operating envelope as set forth in this application.

The Aircraft system components, specifically: remote autopilot control station, data links, flight control system, communications systems/links, and air vehicle, have been extensively reviewed by government/contractor teams.

(b) (6)

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