

DESCRIPTION OF OPERATIONS

Sikorsky, A Lockheed Martin Company ("Sikorsky") hereby seeks experimental authorization for a period of 24 months in order to test and demonstrate rotorcraft technology in connection with a DARPA program referred to as ALIAS - Aircrew Labor In-Cockpit Automation System. In December 2016, Sikorsky was awarded a contract to commence Phase III of the ALIAS program. The instant request for experimental authorization is intended to support those efforts.

The rotorcraft equipped with the ALIAS technology must undergo routine flight testing to monitor operational performance and to assist Sikorsky in the continued development of the ALIAS package. Sikorsky requests authority to perform such testing from four airports, as outlined in the attached application. The flight test equipment will transmit data in the S-band frequencies in the uplink and C-band frequencies in the downlink to provide this crucial service.

The aircraft is authorized by FAA to operate at each of the four facilities.