

Kratos Unmanned Aerial Systems, Inc.
Form 442 Conventional Experimental License Application
File No. 0724-EX-CN-2021

NARRATIVE EXPLANATION OF OPERATION AND NATURE OF APPLICANT

This license application is a continuation of the work performed under STA call sign WR9XTQ (file number 0182-EX-ST-2021). This experimental license application is being requested to (a) extend the frequency authorization necessitated by a delay in flight testing which is causing the experiment to extend beyond the current authorization's expiration date of 1 September 2021 and to (b) support potential future flight test experiments. The remainder of this narrative is copied from the original STA application request as it remains pertinent and applicable.

Kratos Unmanned Aerial Systems, Inc. (KUAS), a division of Kratos Defense and Security Solutions, Inc., based in Sacramento, CA, is an American unmanned aircraft manufacturer. Kratos is meeting the needs of the U.S. Department of Defense and friendly nations around the world by providing high-performance aerial target systems and advanced unmanned tactical aerial platforms. KUAS also provides turn-key aerial target services. Kratos personnel deploy to customer-specified locations to perform aerial target-related missions.

KUAS has ongoing R&D activities to develop and enhance our unmanned aircraft family of products for the US Air Force, Army, Navy, and other Government agencies which necessitates a longer and more flexible period of testing than is typically available at Government test ranges. We are pursuing a Special Temporary Authority to enhance our testing schedule and to identify (and correct) system problems early.

The RF hardware included with this STA request are components within ground control stations procured by the US Navy (System for Naval Target Control) and the US Army (Army Ground and Aerial Target Control System). While the control consoles are tailored to the respective service branches, the RF system elements are identical. We have included the DD 1494 for the Navy SNTC as a reference. This same DD 1494 was used by the Army as part of the spectrum approval process.

All operations will cease immediately in case of any reported interference and not resume until the complaint is resolved to the reasonable satisfaction of the complainant.

The stop buzzer contact for this operation is Mr. Casey Thomas, Firejet Chief Engineer at KUAS, who can be reached at (405) 845-7839, or by mobile phone at (405) 308-7440. His e-mail address is casey.thomas@kratosdefense.com

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