

PUBLIC INTEREST STATEMENT

1. Introduction

By the instant application (“Application”), Dynetics, Inc. (“Dynetics”) requests that the Commission grant a conventional experimental license to permit Dynetics to operate the facilities specified in the instant application.

2. Purpose and Nature of the Operation

Dynetics, headquartered in Huntsville, Alabama, delivers high-quality, high-value engineering, scientific, and information technology (IT) solutions to customers within the U.S. government and a range of other market segments. Dynetics provides complete lifecycle analysis, engineering, and hardware, to support customer missions.

These operations will be a continuation of the operations previously authorized under STA – call sign WU9XHQ (File No. 1160-EX-ST-2022) – in support of the following contract:

Agency: U.S. Army CCDC Aviation and Missile Center
Contract No.: W9124P-19-9-0001
Government POC: Martin Heimbeck
martin.s.heimbeck.civ@army.mil
256-842-3694

This emitter is used to calibrate and measure the angular errors for Government testbed radar systems. This emitter was originally designed in support of a short term test objective using the 6 month STA. Based on the demonstrated high value to the program, Dynetics is requesting the use of this emitter for at least the next 2 years in support of contract statement of work objectives.

Waiver of the Station ID rules set forth at Section 5.115 is respectfully requested.

A “No” reply has been inserted with respect to the question “Is a directional antenna (other than radar) used?” because the transmitter antenna has an omnidirectional radiation pattern in azimuth. For the purposes of full disclosure, however, the following additional directionality information is provided:

Width of beam in degrees at the half power point:	Azimuth: 360 deg, Elevation: 90 deg
Orientation in horizontal plane:	0 deg
Orientation in vertical plane:	0 deg

Waiver of the Station ID rules set forth at Section 5.115 is respectfully requested.

3. Interference Mitigation

Dynetics is well aware of its obligations under Part 5 of the Commission's rules to avoid interference to co-channel licensees in non-experimental services, and will take all steps to ensure compliance with this obligation. With respect to interference mitigation, Dynetics understands that FAA (or other government stakeholders) may restrict radiation to certain azimuth and/or elevation sectors in order to ensure that the proposed Facilities do not pose a threat of interference to adjacent emitters. Accordingly, this is to confirm that Dynetics stands ready to work with FAA to identify any reasonably necessary restrictions for the system.

4. Stop Buzzer

Dynetics advises that the following will be available by wireless telephone and will act as "stop buzzers" if any issues regarding interference arise during testing:

Primary: Brian Pappas (205) 937-5456
Secondary: Mike Santy (256-690-7210)

For the foregoing reasons, Dynetics respectfully submits that approval of this Application is in the public interest, convenience and necessity.