

**PUBLIC INTEREST STATEMENT**

**1. Introduction**

By the instant application ("Application"), Dynetics, Inc. ("Dynetics") requests that the Commission grant Special Temporary Authority ("STA") to permit Dynetics to operate the facilities (the "Facilities") specified in the instant application from 07/12/2017-01/12/2018.

**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 delivers the "Power of Solutions," providing complete lifecycle analysis, engineering, and hardware, to support customer missions.

An experimental STA is requested to test the Fortem low weight, low power prototype radars for detection and tracking of small UAS. This activity is necessary to support a DARPA Mobile Force Protection phase 1 contract, which is currently in contract negotiations, and will also provide useful feedback for Fortem related to work they are currently performing for an AFRL counter-drone project as well as a NASA detect-and-avoid project. Once the contract is finalized, contract information will be provided to the Commission. Testing will be directed by the Dynetics engineering team, and in coordination with Fortem as a subcontractor.

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: Baron Johnson - (352) 339-5272  
Secondary: Steve Norris - (256) 585-7885

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