

I. Introduction

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

II. 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.

A two year license (an extension of the operations previously authorized under STA under call sign WO9XPO) is requested in support of the following DARPA Mobile Force Protection contract, for operation of Fortem low weight, low power prototype radar for counter UAS:

Agency: DARPA Mobile Force Protection (MFP)
Contract No. : HR0011-17-9-0017
Government POC: Jean-Charles (JC) Lede
703-526-2844; jc.lede@darpa.mil

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

The mobile airborne stations will be used for transmission of the airborne-only Fortem radar and will operated at and around the locations specified in the application. When operating at the locations specified in the application, operations will be coordinated with the local authorities. The maximum altitude of the airborne station for all locations will be 305m AGL.

III. 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. Accordingly, this is to confirm that Dynetics stands ready to work with the FAA and other stakeholders to identify any reasonably necessary restrictions for the system.

IV. 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; Mobile: (352) 339-5272
Secondary: Steve Norris; Mobile: (256) 585-7885