

AMRAAM Tracking Experimental For Demonstration Request

1. Purpose of Operation

. Mission statement: This is to demonstrate an extended-range AMRAAM, integrate with NASAMS and Sentinel Radar System and demonstrate with 2 live firings What is the duration of the demonstration: We are planning to perform Integration and Test activities in Pelham, NH from June 2018 through June 2019. From there we hope to go to Demonstrate this system to several potential customers.

_ Files Number: 0312-EX-CN-2018

_ _ Class of Station: FIXED

_ _ Station Location: FIXED

_ _ Effective Date: 06/01/2018

_ _ Expiration Date: 06/01/2010

2. Experimental Explanations

AMRAAM, integrate with NASAMS and Sentinel and demonstrate with 2 live firings. Will conduct developmental testing and evaluation on the radar system Most of the time, programmed search scanning is within the vertical region of 0 to 15 degrees, covering a vertical sector of sequential beams in about 13 milliseconds. Search scanning is interrupted by individual beams placed anywhere within the electronic scan volume as necessary to maintain track on previously detected aircraft or projectiles