



From:  
Matthew Marrapodi ([matthew.marrapodi@msa.meta.aero](mailto:matthew.marrapodi@msa.meta.aero))  
Meta Special Aerospace  
5600 Philip J Rhoads Ave  
Woodlawn Park, OK 73008  
<https://meta.aero/msa/>  
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Correspondence Reference Number: 65446

TO:  
Travis Nguyen ([Travis.Nguyen@fcc.gov](mailto:Travis.Nguyen@fcc.gov))

SUBJECT:  
Meta Special Aerospace requesting experimental license to operate IMSAR NSP-7 for 24 months at three locations.

INTRO:  
Meta Special Aerospace provides a full range of aerospace solutions from integrated Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) operational services, to specialized training and exercise support, to advanced mission payload technologies, to Maintenance, Repair and Overhaul (MRO) and aircraft integration services. We deploy highly experienced former military pilots, ISR sensor operators, and specialized maintenance teams to austere, remote worldwide locations. Our processing, exploitation, and dissemination (PED) has supported our international partners and US government operations across the globe for over a decade, including the AFRICOM Sable Spear Program. We conduct real-world scenarios to ensure our partners in the field will be fully mission-capable. We offer advanced ISR support tailored to meet our partners' specific exercise and training requirements. Meta Special Aerospace has a fleet of 17 King-Air B200/B350s equipped with industry-leading technology including FMV, SIGINT, LOS, BLOS, and other proprietary systems. Over 7,000 missions flown, spanning over 100,000 mishap-free flight hours. With our deep roots in the special operations community, and through our extensive PED services, we analyze, test, integrate, and deliver actionable data to our SOF customers to meet our customers' greatest technical challenges.

REQUEST:  
In requesting this experimental license, we will be using the IMSAR NSP-7 (see additional attached exhibits) onboard our King Air 350 aircraft for three locations with a 50 km radius. We have secure and accredited aircraft hangars located in Oklahoma City, OK and Wilmington, NC. From our headquarters in Bethany, Oklahoma, we will perform research, development, and operational testing of the NSP-7 to refine tactics, techniques, and procedures. The experimental license will also be in support of military exercises in vicinity of Carlsbad, California and Wilmington, North Carolina. The IMSAR NSP-7 has many applications in support of military personnel including detecting change between SAR images, SAR Motion Video (SMV), Ground Movement Target Indicator (GMTI), and Maritime Movement Target Indicator (MMTI) and traditional SAR imaging for situational awareness. Meta Special Aerospace will process these SAR products, and exploit them rapidly for actionable intelligence; an important piece to the Find, Fix, Finish, Exploit, Analyze and Disseminate (F3EAD) cycle. Using the NSP-7, advanced processing techniques are used to create a variety of data products enabling all weather Intelligence, Surveillance, and Reconnaissance (ISR), surface search missions, regular route reconnaissance, persistent surveillance of an area of interest, encroachment detection, utility monitoring, and patterns-of-life analysis.