

June 28, 2011

Spectrum Analysis Approval

All UAS will have approved frequencies, either NTIA/DOD, FCC licenses, or be on non-licensed frequencies as delineated in the chart below. Specific frequencies and authorizations will be dependent upon system used for the air show.

Spectrum/Frequencies will be verified and confirmed prior to the Air show by the NMSU/TAAC and the FAA C2 prior to air show related flights and testing.

All UAS spectrum/frequencies will be check by the TAAC Responsible Person and the FAA prior to flight (practice or demonstration).

Procedures Emergency Procedures

As per discussions with UAPO ASI Marcello Mirabelli, as the UAPO is very familiar with each of these AeroVironment UAS, the following is submitted.

TAAC Conference Air Show 2011					
Name	Manufacturer	Frequency Range	Approval Source		
Wasp III	AeroVironment	385-399 Mhz 1750 - 1870 MHz 217 Mhz	NTIA/DOD		
Raven B	AeroVironment	same	NTIA/DOD		
Puma AE	Aerovironment	same	NTIA/DOD		
T-Hawk	Honeywell	900MhZ & 2.4 MHz	FCC or Unlicensed		
AR-100B	AirRobot	2.4 GHz & 434 MHz	Unlicensed and NTIA DOD		