

Narrative Response: Reference Number 53745

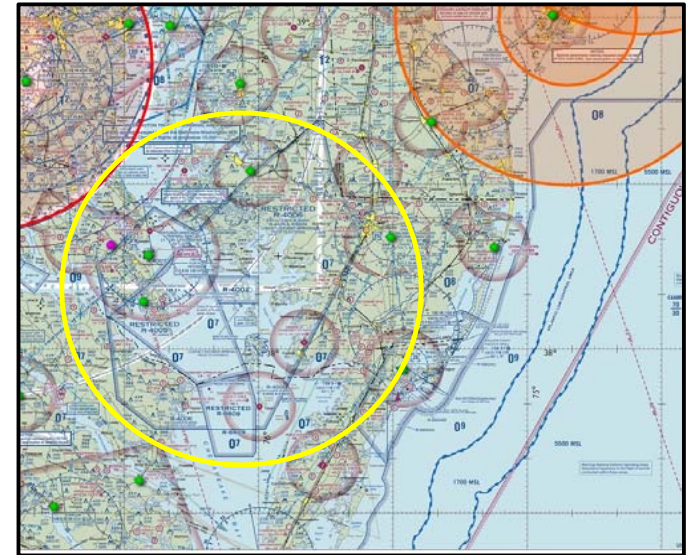
MOBILE: Wenona, MD: Airborne max altitude 8,000 ft. MSL, within 75 km, centered around NL 38-00-00; WL 76-00-00

Mode	Frequencies	Emission designators
Surveillance detection modes (MS/STM/SRA/MTI etc.)	(9.5-10GHz)	1M30Q3N to 43M2Q3N
WX	9.75 GHz	1M30Q3N to 18M3Q3N
SAR (1m)	9.6375-9.8625GHz	225MQ3N

Authorized Power: 378442 W (ERP)

Narrative

This experimental authorization will be used for validation of proper airborne operation of the Leonardo Osprey 30 multi-mode radar system. Operation will be infrequent and of short duration (30 minutes at a time) High bandwidth SAR mode testing will be with antenna directed at close-in ground and maritime targets in sparsely populated areas. Actual test operations will occur within restricted airspace of Patuxent River NAS Range in full coordination with the facility range and frequency coordinators.



EXPERIMENTAL LICENSE OPERATING RADIUS: 75 km

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