

Narrative Response: Reference Number 53742

MOBILE: Orange, VA: Airborne max altitude 5,000 ft. MSL, within 80 km, centered around NL 38-14-50; WL 78-02-44

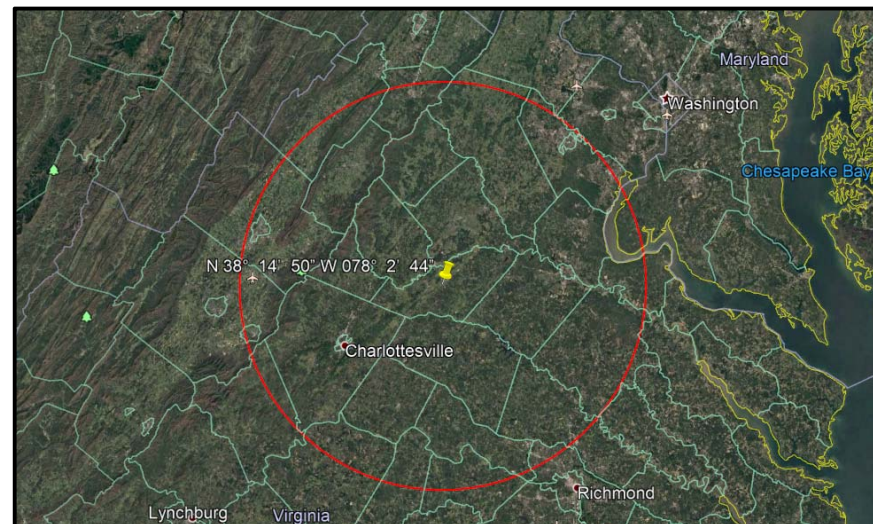
Mode	Frequencies	Emission designators
Surveillance detection modes (MS/STM/SRA/MTI etc.)	(9.5-10GHz)	1M30Q3N to 43M2Q3N
WX	9.75 GHz	1M30Q3N to 18M3Q3N
SAR (1m)	9.6375-9.8625GHz	225MQ3N

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 targets in rural locations within operating radius.

Airborne radar operation will occur in the southern portion of the operational radius.



EXPERIMENTAL LICENSE OPERATING RADIUS: 80 km

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