

1270-EX-CN-2023

17 August 2023

Aurora Flight Sciences

Submitted by:

[Daniel McNeil](#)

[The Boeing Company](#)

Daniel.p.mcneil@boeing.com

[714-642-7485](tel:714-642-7485)

Description of Operation:

The objective of this request is to obtain a license authorizing experimental use of the Silvus Technologies radios for future development of communications with unmanned vehicles. Testing will be performed at multiple sites throughout Massachusetts. This will replace WV9XHA.

Area(s) of Operation:

Location:

- 1) Mobile / Airborne Operations – Air Ops 400ft MSL, 0.5km around Tewksbury, MA (42-37-21N, 71-12-41W)
- 2) Mobile / Airborne Operations – Air Ops 400ft MSL, 1km around Bridgewater, MA (41-57-14N, 70-56-57W)
- 3) Mobile / Airborne Operations – Air Ops 400ft MSL, 10km around Pepperell, MA (42-41-39N, 71-33-12W)
- 4) Mobile / Airborne Operations – Air Ops 4000ft MSL, within test range (~10km) of Devens Reserve, MA (42-34-21N, 71-36-20W)
- 5) Mobile / Airborne Operations – Air Ops 400ft MSL, 2km around Lancaster, MA (42-29-45N, 71-41-01W)

Frequencies and Emissions:

Frequencies:	2400MHz & 2490MHz
Station Class:	MO
Emission Designator:	5M00G1D, 10M00G1D, 20M00G1D
Power (EIRP):	13W
Power (ERP):	8W

Stop Buzzer:

Daniel Bindbeutel	703-530-1954 x1954
Daniel McNeil	714-642-7485