

TECHNICAL DESCRIPTION

Public Viewable

The Boeing Company
Frequency Management Services
Submitted 6/1/16

by

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PURPOSE

The purpose of this application is to support temporary testing at Brooksville, Mississippi of Freewave and Cobham equipment.

REASON FOR APPLICATION

Boeing is requesting a new STA Experimental License to provide flight demonstrations of a UAV system for potential customers and facilitate various tests at the following location:

LOCATION

MOBILE: 400 feet flight level, Brooksville, MS, within 2 km, centered around NL 33-15-30; WL 88-32-59, reference COA: 2016-ESA-98-COA.

#	Location	County	Latitude	Longitude	Radius of Operation	Flight Level
(1)	Brooksville, MS	Noxubee	33-15-30N	88-32-59W	2 km	MOBILE: Up to 400 feet flight level

DATES OF OPERATION

From June 15, 2016, for a 6 month duration.

EQUIPMENT LIST

Manufacturer	Model	Mobile Ant	TX Power	Frequency (MHz)
Freewave	MM2-T	Dipole	1 Watt	902-928
Freewave	MM2-MR-R	Dipole	5 Watt	902-928
Freewave	MM2-M13	Dipole	1 Watt	1370-1390

FREQUENCIES

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Purpose	MHz	Emission	RF Power (ERP)	RF Unit	Mode
C2	902-928	230KF1D	1 W	ERP	MOBILE
C2	902-928	230KF1D	5 W	ERP	GROUND/FIXED
C2	1370-1390	230KF1D	1 W	ERP	MOBILE

STOP BUZZER CONTACT INFORMATION

The designated point-of-contact to terminate transmissions if interference should occur is Christopher M. Eisele, at (509)637-5310.