

APPLICATION FOR SPECIAL TEMPORARY AUTHORITY

I. Description of Need for STA

Pursuant to Section 5.61 of the Commission's regulations, 47 C.F.R. § 5.61, Sikorsky Aircraft Corporation ("Sikorsky") hereby requests a grant of special temporary authority ("STA") to test and evaluate the performance of avionics and communications systems onboard new aircraft types. Authorization is sought for a 180 day period, beginning August 1, 2013.

II. Description of Operation and Purpose of STA

Sikorsky, a world leader in manufacturing rotary-wing aircraft for both commercial and military customers, submits the instant STA request in order to conduct required testing of avionics and communications equipment onboard new aircraft types. The testing equipment will comprise both a vehicle-mounted ground station¹ as well as a mobile unit mounted onboard a rotary-wing aircraft operating at up to a 200 mile radius from the testing facility. All testing will occur on an ongoing basis in and around the Sikorsky Development Flight Center located in Jupiter, Florida. At all times, testing will be conducted under the close supervision of Sikorsky personnel.

Sikorsky intends to seek a separate two-year experimental license for additional frequencies in connection with its long-term aircraft testing operations. The instant request is submitted to support a continuous need for expedited testing of the communications and avionics components onboard new aircraft types as they are manufactured and developed.

III. Test Frequencies and Coordination

Sikorsky seeks to conduct testing at the specific frequencies identified below:

<i>Frequency Range (MHz)</i>	<i>Specific Frequency (MHz)</i>
30-88	30.3
	38.85
	46.70
	82.05
118-136	119.5
	126.200
	134.1
136-156	139.950
	150.550
225-400	225.125
	328.15
	397.675

Sikorsky is aware that some of these frequencies are currently allocated only for government use. All planned testing will be conducted on a non-interference basis to protect incumbent users –

¹ For a picture of the vehicle-mounted ground station, please see Exhibit A attached to the instant application.

both federal and non-federal – in the requested frequencies from incurring any interference to their existing operations.

Consistent with the requirement to protect existing users from receiving any harmful interference, Sikorsky is also currently in the process of coordinating testing operations in these frequencies with the Federal Aviation Administration (FAA), the Aerospace and Flight Test Radio Coordinating Council (AFTRCC), and the Military Advisory Group (MAG), and will update the instant application accordingly when it has obtained the required nongovernmental tracking numbers and approvals.

IV. Stop Buzzer and Contact Information

The “Stop Buzzer” contact at Sikorsky is Joseph Conlon, who will be available 24 hours per day, 7 days per week to cease operations should any reports of harmful interference be received. Joseph Conlon can be reached at:

(772) 485-7971 (mobile)
(561) 775-5238 (landline)
JConlon@sikorsky.com (email)

For any questions regarding this application, please contact:

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V. Conclusion

For the reasons set forth above, Sikorsky respectfully requests that the Commission expeditiously grant the requested STA in order to facilitate its continued development and implementation of innovative aircraft types.