

Astronics AeroSat Corporation
Application for Two-Year Experimental License:
T-PED Interference Ground Testing within
Contiguous United States

NARRATIVE DESCRIPTION

Astronics AeroSat Corporation (“Astronics AeroSat”) hereby requests a two-year experimental license commencing on or before September 1, 2014, for operation of up to five (5) aircraft earth stations (“AESs”) in order to test and demonstrate the operational characteristics of its HR6400 Ku-band antenna system. Authorization is sought to conduct the tests within the contiguous United States (“CONUS”).

Astronics AeroSat currently holds an experimental Special Temporary Authorization (“STA”) (Call Sign WH9XHX; File No. 0078-EX-ST-2014) to conduct AES operations across CONUS. The current experimental STA expires on September 1, 2014. The instant application seeks an experimental license to continue these same operations for two years.¹ Attached is a copy of the supporting Narrative Statement submitted with the application for the current experimental STA. The instant application for a two-year experimental license does not make any changes to the geographic scope, technical characteristics (frequency bands, emission designators, authorized power or signal modulation) or other information associated with Call Sign WH9XHX.

Astronics AeroSat acknowledges the conditions imposed in its existing experimental STA will be applicable to the two-year experimental license and accepts any other conditions the Commission may deem appropriate in the context of the license.

Attachment (Narrative Statement for application for experimental STA Call Sign WH9XHX; File No. 0078-EX-ST-2014).

¹ See 47 C.F.R. § 5.61(b). Pursuant to this Rule, extensions of experimental STAs are permitted if an application for a regular, two-year experimental license is filed at least 15 days prior to the expiration of the STA. *Id.* Moreover, when such application is timely filed, operations in accordance with the experimental STA may continue pending disposition of the application. *Id.*