

30-May-17

### **Additional Information**

- a) **Frequency Coordination:** Textron Aviation has pre-coordinated the frequency 227.7 MHz with AFMO US&P for the locations listed on this application. A copy of the coordination email is attached to this application as an exhibit.
- b) **Justification for Request:** Textron Aviation has a need to perform aircraft certification testing using a DGPS system that transmits correction data in the 225-235 MHz band. The testing is required to certify that the aircraft avionics systems perform as required prior to delivery of the aircraft to the customer.
- c) **Test Procedure:** The DGPS transmitter will be setup on the ground at each airport location. It will transmit differential position data to the test aircraft, which will be used to validate performance of various avionics systems, including ILS Localizer and Glide Slope. The testing is expected to take approximately 18 hours at each location, but could be split up depending on weather and other factors.

Very Respectfully,

Danny Hankins  
Spectrum Manager - Sr  
Textron Aviation, Inc.