

# Herndon STA Description Public Exhibit

## **The Boeing Company**

Submitted: 5/5/2017  
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## **Why STA is Necessary:**

Boeing requires special temporary authority (“STA”) in order to begin using the extended Ku band on the Telstar 12V satellite at the Boeing Herndon facility. Changes implemented by the satellite provider require operation in the extended Ku-band and there are no other options to meet the contracted government support requirement. This STA will support data transport operations for the US Government while Boeing secures a license for modification under FCC license call sign E100083. Boeing intends to file a license modification with the IB shortly. The Telstar 12V satellite is included on the FCC’s Permitted Space Station List. *See* Call Sign S2933, File No. SAT-LOA-20141010-00107.

## **Purpose of Operation:**

The purpose of this operation is to provide coverage to support our U.S. Government Customer.

## **Frequency, Power and Emission Data:**

Frequency	Max Power (ERP)	Emission
13900 – 14500 MHz	See E100083	See E100083

## **Antennas in Use:**

**See E100083**

## **Location of Operation:**

See E100083

## **Stop Buzzer POC:**

Douglass Cook, 703-467-7257