

Technical Description

The Boeing Company

Submitted By:
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The Boeing Company
Global Spectrum Management MC: 1K-105
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OBJECTIVE & TEST DESCRIPTION

The Boeing Company requires use of a portable GLS landing system to support 777-X pre-certification flight testing. The equipment will be used periodically throughout the 2-year license period. Various airfields are being requested in order ensure availability for testing. The test is performed in order to verify non-interference (electromagnetic compatibility) between the VHF Data Broadcast (VDB) and VHF communication equipment by using the highest VDB broadcast frequency (117.950 MHz) and transmitting VHF communication at the lowest frequency (118.000 MHz). This test will be conducted during a GLS approach into the approved airfield.

OPERATION OVERVIEW

This request is for a new 2-year experimental license in lieu of renewing the current STA (WR9XEA)

Start Date: 04/01/2021
Stop Date: 04/01/2023

Manufacturer: TELERAD
Model: EM9009
Frequencies: 117.95 MHz
Emissions: 14K0G7D
Effective Radiated Output: 50 W
Station Class: FX

Manufacturer: Rockwell Collins Inc.
Model: VHF-2100
Frequencies: 118 MHz
Emissions: 6K00A3E
Effective Radiated Output: 25 W
Station Class: MO

STOP BUZZER POINT OF CONTACT:

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