

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL
(Nature of Service)

WA8XBA
(Call Sign)

XT FX
(Class of Station)

1232-EX-ST-2026
(File Number)

NAME The Boeing Company

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

The purpose of this STA is to conduct ground Electromagnetic Compatibility (EMC) testing of RF systems integrated into the Boeing MH-139 helicopter prior to delivery to the USAF.

Station Locations

(1) Middletown (NEW CASTLE), DE - NL 39-31-22; WL 75-43-06

Frequency Information

Middletown (NEW CASTLE), DE - NL 39-31-22; WL 75-43-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
341 MHz	FX	18K2F3E 7K00A3E	36.3 W (ERP)	
341.325 MHz	FX	18K2F3E 7K00A3E	36.3 W (ERP)	
341.5 MHz	FX	18K2F3E	36.3 W (ERP)	

This authorization effective July 16, 2026 and
will expire 3:00 A.M. ET January 16, 2027

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Middletown (NEW CASTLE), DE - NL 39-31-22; WL 75-43-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
341.5 MHz	FX	7K00A3E	36.3 W (ERP)	
344 MHz	FX	18K2F3E 7K00A3E	36.3 W (ERP)	
345 MHz	FX	18K2F3E 7K00A3E	36.3 W (ERP)	
345.5 MHz	FX	18K2F3E 7K00A3E	36.3 W (ERP)	
368 MHz	FX	18K2F3E 7K00A3E	36.3 W (ERP)	
374.5 MHz	FX	18K2F3E 7K00A3E	36.3 W (ERP)	
380 MHz	FX	18K2F3E 7K00A3E	36.3 W (ERP)	
381.45 MHz	FX	18K2F3E 7K00A3E	36.3 W (ERP)	
387.45 MHz	FX	18K2F3E	36.3 W (ERP)	

Frequency Information

Middletown (NEW CASTLE), DE - NL 39-31-22; WL 75-43-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
387.45 MHz	FX	7K00A3E	36.3 W (ERP)	
392.7 MHz	FX	18K2F3E 7K00A3E	36.3 W (ERP)	
393.9 MHz	FX	18K2F3E 7K00A3E	36.3 W (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) Stop Buzzer Information:
Primary: Christian Sutton
(484)768-4922
Secondary: Michael Morelle
(484)745-8566
- (3) The Boeing Company must notch out 334.1 MHz to protect glide slope indicator frequencies.
- (4) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.
- (5) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by USAF Contract Number FA8739-18-C-5030. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.