

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WM2XBT

(Call Sign)

0719-EX-CN-2021

(File Number)

NAME ROBINSON HELICOPTER COMPANY

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(j) of the Commission's Rules

Station Locations

(1) MOBILE: NATIONWIDE

Frequency Information

MOBILE: NATIONWIDE

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1990-2025 MHz	MO	17M0F9W	224 W (ERP)	
1990-2025 MHz	MO	17M0F9W	224 W (ERP)	
2450-2483.5 MHz	MO	17M0F9W	224 W (ERP)	
2450-2483.5 MHz	MO	17M0F9W	224 W (ERP)	

This authorization effective October 19, 2021 and
will expire 3:00 A.M. EST November 01, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: NATIONWIDE

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6425-6525 MHz	MO	17M0F9W	224 W (ERP)	
6425-6525 MHz	MO	17M0F9W	224 W (ERP)	
6875-7125 MHz	MO	17M0F9W	224 W (ERP)	
6875-7125 MHz	MO	17M0F9W	224 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) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at <http://sbe.org/wp-content/uploads/freqcoor.pdf> to find the appropriate coordinator.
- (5) Prior to commencing any operations in 7068.3- 7068.5 MHz , 7011 – 7013 MHz, 7015.1 MHz, 7017.3 - 7017.5 MHz, 7071.2 MHz, 7071.9000 - 7073.9 MHz frequency bands, experimental licensee must notify licensee of Denali 20020, LLC Phone Number: 509-689-1000, Fax Number: 509-689-3798 , E-Mail: TOCC@usei-teleport.com, Attention: Mr Darryl White). The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should include the testing parameters (specific location(s), antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test.

Special Conditions:

- (6) Prior to commencing any operations in 6875-7055 MHz frequency band, experimental licensee must notify licensee of GUSA Licensee LLC. (Call sign S2115. Name: Mr. L. Barbee Ponder IV Phone Number: 985-335-1503 E-Mail: Barbee.Ponder@Globalstar.com). The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should include the testing parameters (specific location(s), antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test.
- (7) Prior to commencing any operations in the 2010-2020 MHz frequency band, experimental licensee must notify licensee of DBSD Services Limited. (Call sign E070272, POC/Satellite: S2651. Name: Ms. Allison Minea, Phone Number: 202-293-1216, E-Mail: alison.minea@dish.com). The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should include the testing parameters (specific location(s), antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test.
- (8) Prior to commencing any operations in the 2000-2010 MHz frequency band, experimental licensee must notify licensee of GAMMA ACQUISITION L.L.C. (Call sign E060430, POC/Satellite: S2633. Name: Ms. Allison Minea, Phone Number: 202-293-1216, E-Mail: alison.minea@dish.com). The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should include the testing parameters (specific location(s), antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test.
- (9) Licensee must successfully secure consents from all incumbent Advanced Wireless Service licensees within 99 km radius from each demonstration site prior to accessing to the frequency range from 1995 MHz to 2025 MHz.
- (10) Coordinate with Fixed Microwave Service licensees in each corresponding proposed demonstration location in accordance with 47 C.F.R, Part 101.103(d) prior to commencing the demonstration operations.
- (11) The designated point-of-contact to terminate transmissions if interference occurs is Ken Martin (310) 200-2195.
- (12) Prior to commencing any operations in the frequencies below, ROBINSON HELICOPTER COMPANY must obtain consent from the following within 50 miles of the contours of the testing area:
 - 1910-1915 MHz/1990-1995 MHz Bands licensee
- (13) Operation is not permitted in 2025-2110 MHz band.