

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

EXPERIMENTAL

(Nature of Service)

WM9XPP

(Call Sign)

XT MO

(Class of Station)

0563-EX-ST-2018

(File Number)

NAME Saab Defense and Security

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:

Operation of a radar sytem onboard a helicopter.

Station Locations

- (1) MOBILE: Mesa, AZ: max altitude 2000 ft. AGL, within 25 km, centered around NL 33-31-43; WL 111-37-00

Frequency Information

MOBILE: Mesa, AZ: max altitude 2000 ft. AGL, within 25 km, centered around NL 33-31-43; WL 111-37-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-74.6 MHz	MO	1M00A0A 1M00G1N	0.2 W (ERP)	0.1 %
75.4-82.5 MHz	MO	1M00A0A 1M00G1N	0.2 W (ERP)	0.1 %

This authorization effective April 16, 2018 and
will expire 3:00 A.M. EST April 28, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Mesa, AZ: max altitude 2000 ft. AGL, within 25 km, centered around NL 33-31-43; WL 111-37-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
137.5-225 MHz	MO	1M00G1N	0.4 W (ERP)	0.1 %
328.6-357.5 MHz	MO	1M00G1N	0.4 W (ERP)	0.1 %

Special Conditions:

- (1) 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.
- (2) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at http://freq.sbe.org/pdf_files/coordinators.pdf to find the appropriate coordinator.
- (3) Saab Defense and Security must notch out the following bands: 74.6 - 75.4 MHz and 225 - 328.6 MHz.

Special Conditions:

- (4) Saab Defense and Security must notch out the following frequencies (+/- 12.5 kHz):

M155.415M164.625M168.025M170.075
M156.075M164.6625M168.15M170.1
M156.525 M164.725M168.2625M170.2125
M156.8 M164.775M168.3M170.3875
M161.975 M164.825M168.35M170.475
M162.025 M164.8375M168.425M170.5
M162.4M164.9625M168.5M170.750
M162.425M165.075M168.6125M171.1625
M162.5M165.175M168.625M171.425
M162.525M165.45M168.6625M171.5
M162.55M165.6 M168.675M171.625
M162.9625M165.725M168.725M171.7
M163.0375M165.775M168.775M171.725
M163.1M166.0875M169.125M171.75
M163.125M166.2375 M169.175M171.7875
M163.175M166.3375M169.4M172.375
M163.3875M166.35M169.6 M172.425
M163.7125M166.3625M169.675M172.45
M164.125M166.375M169.6875 M172.5125
M164.300M166.6625M169.7125M172.525
M164.350M166.975M169.8M172.675
M164.3625M167.075M169.825M172.725
M164.375M167.55M170.0M172.9375
M164.475M167.6M170.025M173.825
M164.525M167.675M170.05

- (5) Saab Defense and Security must obtain the consent of the following licensees within 12 km of the test area:

Paging Service licensees in 35 MHz
Paging Service licensees in 43 MHz
Paging Service licensees in 152 MHz
Paging Service licensees in 158 MHz
Paging Service licensees in 152 MHz/158 MHz
218-219 MHz Service licensees
220 MHz Service licensees
220-222 MHz Service licensees