



AEROSPACE & FLIGHT TEST RADIO COORDINATING COUNCIL, INC.®

PO Box 780481
Wichita KS 67278
316-821-9516
www.aftrcc.org

APPLICATION INFORMATION

Title/Memo	Raytheon 1568-EX-ST-2026
Application #	AFTRCC-APP-2026-1821
Application for	New License
Distance between Stati...	
Call Sign	
Date Created	2026-08-10 17:36:16
License Type	Part 5 Experimental STA (6-month max)
Start/End Date	2026-08-24 / 2027-02-24
Interference Contact 1	Shaun Crum / shaun.crum@rtx.com / 5206466421
AFTRCC Coordinator Comments	
Equipment 1	Make:Vaunix Model:LMS-152D Nb:1 Exp:No
Desc of proposed Ops	Testing in these frequency bands help support missile development and require
Frequency Type	Telemetry

MODIFICATION INFORMATION

Desc for Modification	
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APPLICANT

Name of Applicant	Raytheon Company
Applicant Address	1151 E Hermans Rd
Applicant City	Tucson
Applicant State	Arizona
Applicant Zip Code	85756
Applicant Phone	520-646-6421
Eligibility	

APPLICATION CONTACT

Contact Name	Shaun Crum
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Contact Phone	520-646-6421
Contact Email	shaun.crum@rtx.com

STATION INFORMATION	
Station Type	M0
Latitude / Longitude	32°06'27.0" N / 110°56'19.0" W
Station Use	
Location Info	
Duration and Description	
Ground Receiver Address	1151 E Hermans Rd
Ground Receiver City	Tucson
Ground Receiver County	Arizona
Ground Receiver State	Arizona
Radius	40 km
Registered in AFTRCC DB	
Area of Operation	In and around Tucson, AZ
MAX Flight Reference	AGL ft
MAX Alt for Mobile Aircraft	7000 ft
MAX Flight Level	ft
Site or Event Name	Raytheon Airport Site
Event Address	1151 E Hermans Rd
Event City, State	
Antena Height	0 m AGL
Antenna Directivity	Yes
Antenna Gain	21 dBi
Beamwidth	80 deg
Azimuth	180 deg
Tilt	-5 deg
Bands	
Emissions 1	Freq:1435 - 1500 Power:1585 EMS:7M00N0N
Emissions Info	
Transmitting Info	
Remarks	

TERMS AND CONDITIONS

All requests for frequency coordination by AFTRCC are subject to the Coordination Terms and Conditions. A MEMORANDUM describing the purpose and duration of the license, the make and model of all transmitters and transmitting antennas and their geographical coordinates, the desired frequency(s), all associated emissions, and power in watts (peak) and watts (ERP) should be detailed in separate memorandum. If mobile (not fixed site/location) then a mile radius must be include not to exceed 25 miles and if for purposes of aerial purposes, a maximum flight altitude indicated in the feet above ground level must be included. A copy of the FCC license application should be included with the memorandum whenever possible.

In return for AFTRCC's processing of the Applicant's request, the Applicant agrees to release and hold harmless AFTRCC, its officers, directors, employees, agents, representatives, and member companies (and their respective officers, directors, employees, owners, and agents) from and against any and all claims, losses, liabilities, damages or expenses which may arise now or in the future as a result of the Applicant's acceptance of AFTRCC's recommendation, or its use of the recommended frequency(ies). Information supplied in support of a coordination request represents part of the FCC application process. Accordingly, this information is considered public record material.

Signature Name	Shaun Crum
Signature Date	2026-08-10
Signature Title	Raytheon Spectrum Manager