

July 27, 2026

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Frequency Management Services
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Subject: USAF Contract info

Purpose of STA:

The purpose of this STA is to line of site (LOS) communication checks with the ARC-210 radio systems integrated into the Boeing MH-139 helicopter prior to delivery to the USAF. Testing on these systems will validate operational characteristics of the radio and integrated systems to while in flight. This testing will be used to identify issues and develop mitigation plans. Testing will take place within a radius of 80km of Summit Aviation (KEVY) at a max altitude of 2000 feet AGL.

Technical Data:

Transmitter Data	
Transmitter Model	AN/ARC-210 RT-2036(C)
Transmitter Manufacturer	Rockwell Collins
Transmitter Power Output	23 Watts (ERP) on lower frequency/6.3 Watts (ERP) on higher frequency
Antenna Data	
Power Output ERP	24 Watts ERP/36.3 Watts ERP
Ant Manufacturer	Cooper
Ant Model	21-150-22
Ant Gain	2dBi
Emission Data	
Emission Designator	6K00A3E 7K00A3E

Department of War Contract Info:

Organization: USAF
Contract Number: FA8739-18-C-5030
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