

From: margarette.ebate@faa.gov
To: [Fleming, Christopher T](#)
Cc: [Garcia-Jr, John E](#)
Subject: RE: Boeing TACAN Test - Mesa, AZ
Date: Wednesday, May 11, 2016 1:30:30 PM

Mr. Fleming,

The coordination number for each frequency is listed below. Please let me know if you have any questions.

SER	FRQ	RGN	XAL	XSC	XLA	XLG	EQT	STC	EMC	EBW	PWR	RRD
NG T160174	M1042.0000	WP	MESA	AZ	N 33 28 13.00	W 111 43 35.00	G,AN/ARN- 153	XC	V1A	650K00	1.50K	5
NG T160175	M1057.0000	WP	MESA	AZ	N 33 28 13.00	W 111 43 35.00	G,AN/ARN- 153	XC	V1A	650K00	1.50K	5
NG T160176	M1065.0000	WP	MESA	AZ	N 33 28 13.00	W 111 43 35.00	G,AN/ARN- 153	XC	V1A	650K00	1.50K	5

Thank you,
Margarette Ebate
ATO-W / AJW-1C2
Spectrum Assignment and Engineering Group
Phone: 202-267-7871

From: Fleming, Christopher T [mailto:christopher.t.fleming@boeing.com]
Sent: Wednesday, May 11, 2016 3:26 PM
To: Ebate, Margarette (FAA)
Cc: Garcia-Jr, John E
Subject: Re: Boeing TACAN Test - Mesa, AZ

Ms. Ebate,

The ARN-153 will be placed in our Communications Van and we will be simulating Air to Air.

Thank you,
Chris Fleming

Sent from my BlackBerry 10 smartphone.

From: margarette.ebate@faa.gov
Sent: Wednesday, May 11, 2016 10:41 AM
To: Fleming, Christopher T
Cc: Garcia-Jr, John E
Subject: RE: Boeing TACAN Test - Mesa, AZ

Mr. Fleming,

ARN-153 is an avionic/transponder equipment. The frequencies below are for ground equipment. Can you

please explain how they will be used.

Thank you.

Margarette Ebate
ATO-W / AJW-1C2
Spectrum Assignment and Engineering Group
Phone: 202-267-7871

From: Fleming, Christopher T [<mailto:christopher.t.fleming@boeing.com>]
Sent: Tuesday, May 10, 2016 3:37 PM
To: Ebate, Margarette (FAA)
Cc: Garcia-Jr, John E
Subject: Boeing TACAN Test - Mesa, AZ

Ms. Ebate,

I'm with The Boeing Company, Frequency Management Services. I'm trying to work the coordination for a TACAN test we will be conducting in Mesa, AZ. Our intention to file a STA with the FCC. I was hoping I could pre-coordinate with you before I file the STA.

Below are test details:

TACAN Channels:

81Y (1042 MHz), 96Y (1057 MHz), 104Y (1065 MHz)

Transmitter:

ARN-153

Output Power:

1500 W (Peak)

Emission Designator:

650KV1A

Location:

Boeing Mesa
Mesa, AZ
33-28-13 N, 111-43-35 W

Radius:

5 NM (9.26 km)

Testing Period:

June 1 – July 31, 2016

Thank you for your time.

Respectfully,

Christopher T. Fleming

Southwest U.S. Regional Frequency Manager
Team Coordinator, SW U.S. Spectrum Management
Frequency Management Services (FMS)



714-896-5363 (Office)

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Email: christopher.t.fleming@boeing.com

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