

**FM Translator K280BU Minor Modification
Flagstaff, Arizona Channel 281D
Allocation Study
August 2007**

The attached spacing study shows the spacing between the proposed fill-in translator site and the location of cochannel and adjacent channel stations and proposals. This study was made with the Commission's Class A spacing requirements, and individual situations were examined to determine the lack of prohibited contour overlap per the requirements of §74.1204 of the Rules. The attached allocation study maps demonstrate compliance with the Commission's Rules for protection of FM broadcast stations and FM translators as outlined in §74.1204.

The proposed translator transmitter site is located within the 60 dBu protected contour of second-adjacent channel station KZGL 279C3 Flagstaff. The attached map of the proposed transmitter site depicts the 100 dBu contour from the proposed facility. There is no population within this contour. Therefore, the proposed facility is believed to satisfy the requirements of §74.1204(d) with respect to KZGL.

The proposed facility fully protects the KAJM 282C Camp Verde construction permit facility. The KAJM Camp Verde facility has been activated, is operating under Program Test Authority, and a license application is pending as BLH-20070625ABS. Therefore, it is not believed necessary to demonstrate protection to the KAJM 282C Payson licensed facility currently shown in the database.

The attached spacing study demonstrates compliance with §73.207 of the Commission's Rules regarding spacing restrictions to stations which are 53 or 54 channels removed from the proposed operation.

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SEARCH PARAMETERS FM Database Date: 070803
 Channel: 281A 104.1 MHz Page 1
 Latitude: 35 14 27
 Longitude: 111 35 47
 Safety Zone: 50 km
 Job Title: flagstaff 281d

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
KZGL	FLAGSTAFF		279C3	0.560	35-14-25	247.8	0.16	42
CP	AZ	BNPH-060303AAR	103.7	597.0	111-35-53		-41.84	SHORT
ABSOLUTE MINIMUM 73.215 SPACING = 36 KM								
K280BU	FLAGSTAFF		280D	0.018	35-14-27	0.0	0.00	0
LIC	AZ	BLFT-990713UB	103.9	812.0	111-35-47		0.00	TRANS
NEW-T	WINSLOW		280D	0.170	35-01-25	105.0	91.56	0
APP	AZ	BNPFT-030317CSW	103.9	121.0	110-37-38		0.00	TRANS
KAJM	CAMP VERDE		282C	41.000	34-14-03	212.4	132.06	165
CP	AZ	BPH-070330BLR	104.3	852.0	112-21-58	SS	-32.94	SHORT
NOTE: LICENSE APPLICATION PENDING, OPERATING UNDER PTA								
KAJM	PAYSON		282C	100.000	34-25-48	174.7	90.34	165
LIC	AZ	BMLH-981231KA	104.3	326.0	111-30-16		-74.66	SHORT
NOTE: SUPERSEDED BY 282C CAMP VERDE								
K284BJ	WILLIAMS		284D	0.010	35-12-11	265.8	55.77	0
LIC	AZ	BLFT-050610AAD	104.7	768.0	112-12-26		0.00	TRANS

44444 END OF FM SPACING STUDY FOR CHANNEL 281 44444

COCONINO

Flagstaff 281D
54 dBu F(50,10)

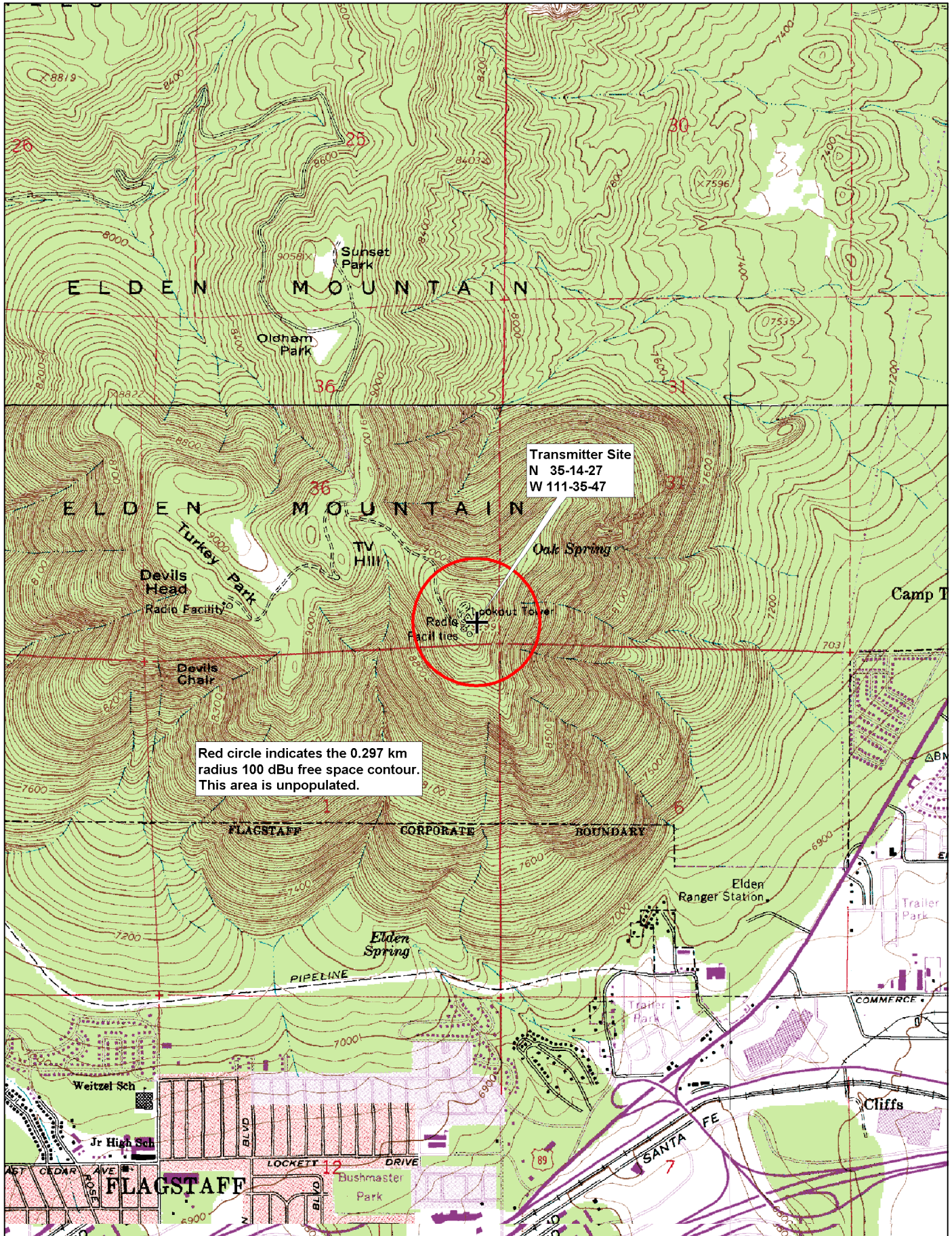
YAVAPAI

KAJM 282C Camp Verde
60 dBu F(50,50)

Flagstaff 281D Allocation Study Map

0 10 20 30
Kilometers

Hatfield & Dawson 8/2007



Red circle indicates the 0.297 km radius 100 dBu free space contour. This area is unpopulated.

Transmitter Site
N 35-14-27
W 111-35-47

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Facilities Proposed

The proposed operation will be on Channel 281D (104.1 MHz) with an effective radiated power of 18 Watts. Operation is proposed with the existing antenna mounted on an existing tower Mount Elden.

The proposed antenna support structure will not exceed 60.96 meters (200 feet) above ground and does not require notification to the Federal Aviation Administration. Therefore, this structure does not require an Antenna Structure Registration Number.

NIER Calculations

Section 1.1307(b)(1) of the Commission's Rules exempts FM translators and boosters operating with an effective radiated power of 100 Watts or less from the requirement to submit an Environmental Assessment to determine compliance with FCC specified guidelines for human exposure to radiofrequency radiation. The applicant proposes operation with a maximum lobe effective radiated power of 36 Watts (18 Watts H + 18 Watts V) and therefore no calculations have been submitted. Nonetheless, public access to the site is restricted and all station personnel and contractors are required to follow appropriate safety procedures, including turning off the transmitter if necessary, prior to commencing work on the antenna tower.