

# Chartered Critical DME Note

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# Background

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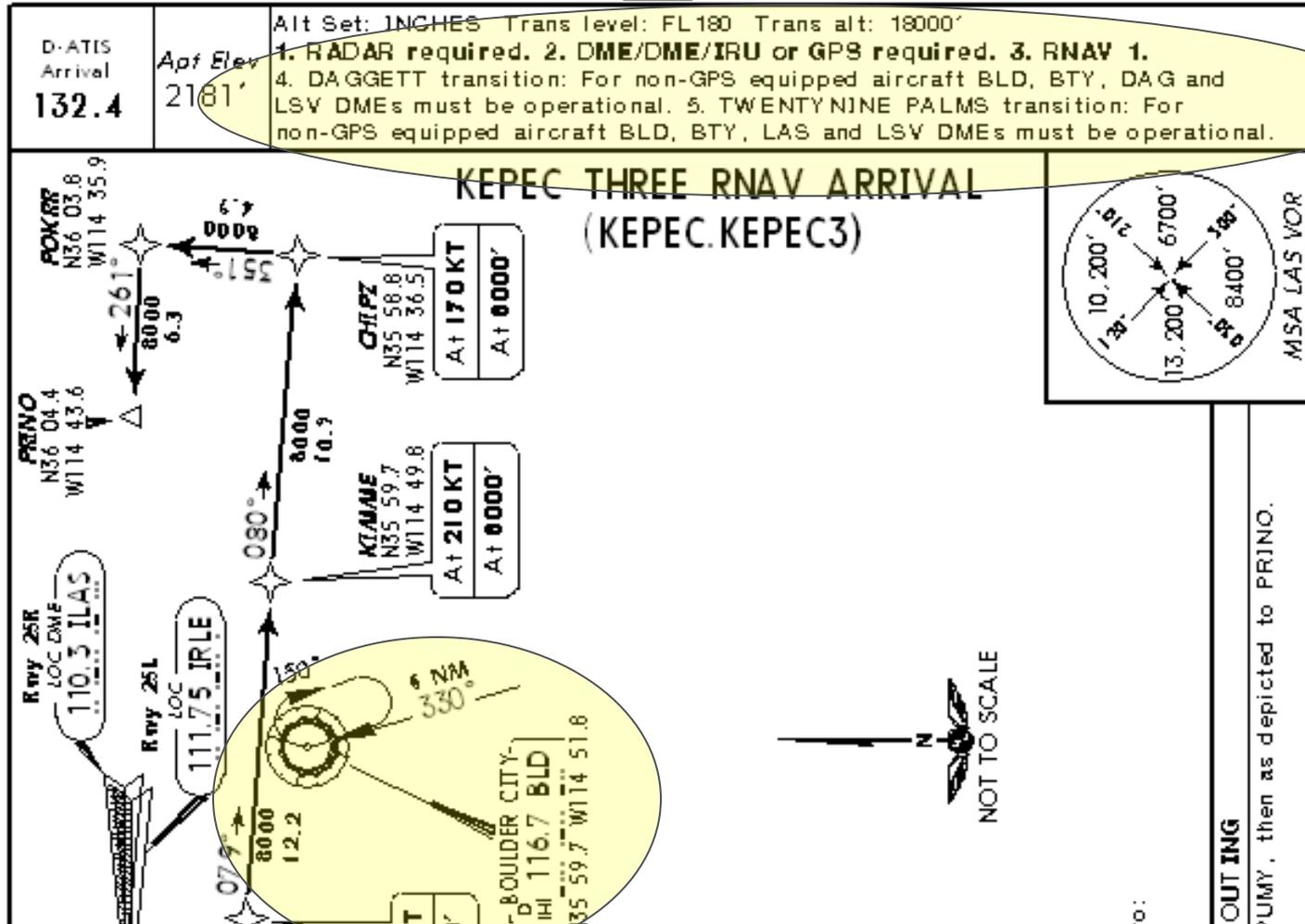
- Many RNAV SIDs and STARs can be flown by aircraft using DME/DME/IRU equipment. As such, it is important to have the proper DME coverage. In cases where a DME station(s) are critical and must be operational, a note is placed on the chart stating: “For non-GPS aircraft XXX must be operational” At times when a VOR may be out but the DME continues to operate this note can cause some confusion for Dispatcher and Pilot groups. They are led to believe by the note and associated VOR/DME depicted stations on the chart that the VOR must also be operating.

# Background

KLAS/LAS  
McCARRAN INTL

JEPPESEN  
20 JUL 12 10-2E E11 26 Jul

LAS VEGAS, NEV  
RNAV STAR



# Background

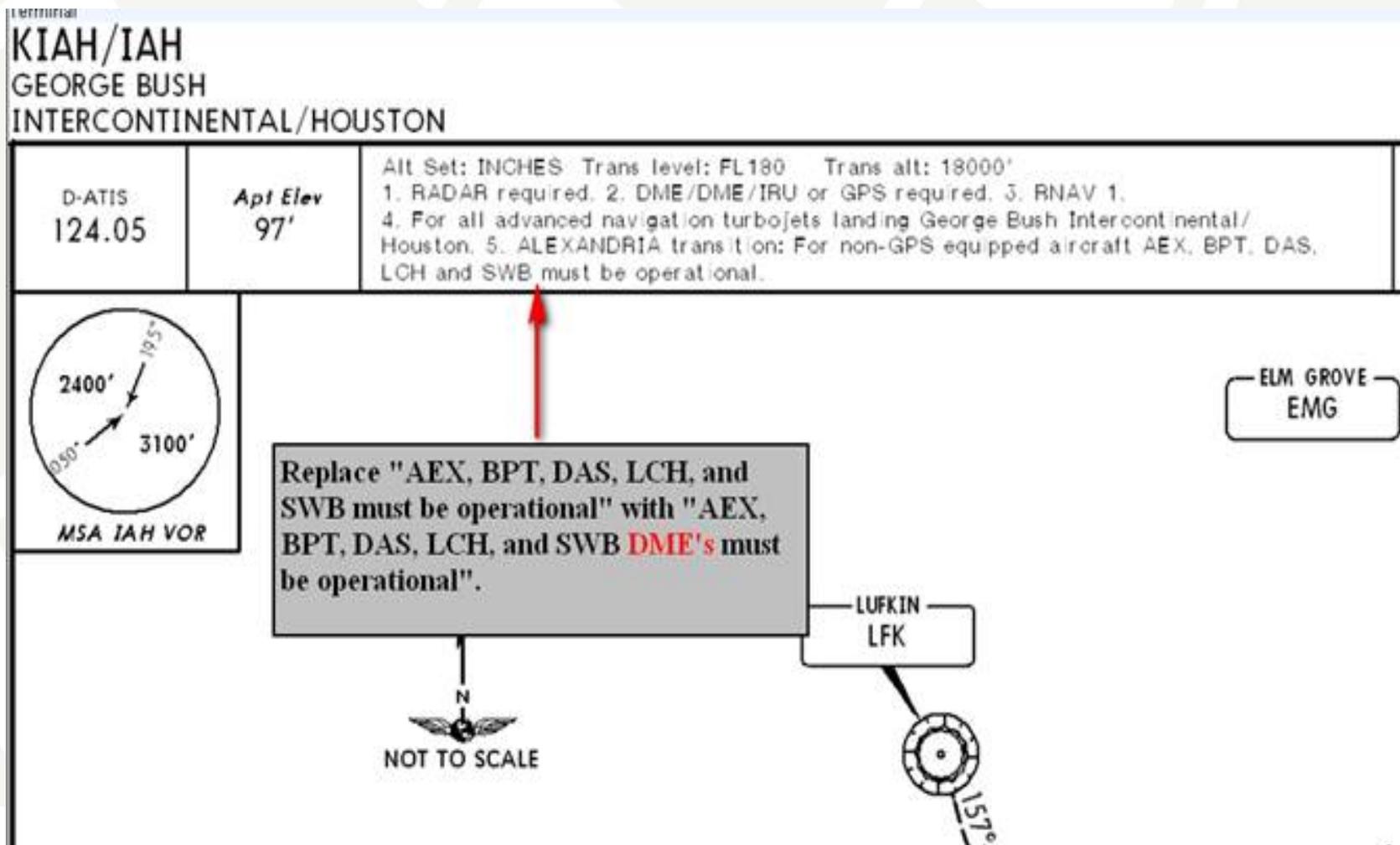
## NOTAM Examples

Arpt ID	Arpt Name	NOTAM Info	Q-code
KPHX	PHOENIX SKY HARBOR INTL	A1192/13 NOTAMN Q) KZAB/QPDCH/1/NBO/A/000/999/ A) KPHX B) 1310232000 C) 1404230945 EST E) SILOW THREE DEPARTURE... FLAGSTAFF AND BRYCE CANYON TRANSITIONS NA, EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. FLG VOR/DME U/S.	QPDCH

Arpt ID	Arpt Name	NOTAM Info	Q-code
KLAS	MC CARRAN INTL	A0457/12 NOTAMN Q) KZLA/QNVXX/////	QNVXX
		A) KLAS B) WIE C) UFN E) QNVXX /BLD/VOR UNUSBL 155-180 BYD 30 BLW 9000	

# Recommendation

Let's say what we mean and mean what we say.....



***Thank You!***



# BACKUP SLIDES

- VOR/DME, VORTAC, ILS/DME, and LOC/DME facilities are identified by synchronized identifications which are transmitted on a time share basis. The VOR or localizer portion of the facility is identified by a coded tone modulated at 1020 Hz or a combination of code and voice. The TACAN or DME is identified by a coded tone modulated at 1350 Hz. The DME or TACAN coded identification is transmitted one time for each three or four times that the VOR or localizer coded identification is transmitted. When either the VOR or the DME is inoperative, it is important to recognize which identifier is retained for the operative facility. A single coded identification with a repetition interval of approximately 30 seconds indicates that the DME is operative.