

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES										MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW17 CLIMB TO 4000 DIRECT ZALIR AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 352.67 INBOUND. CHART FAS OBST: 1509 TREE 315520N/0983639W CHART BROWNWOOD 1 AND 2 EAST MOA. CHART BROWNWOOD 1 AND 2 WEST MOA. DISTANCE TO THLD FROM 250 HATH: 0.66 NM. CHART VDP AT 0.80 MILES TO RW17* *LNAV ONLY. WAAS CHANNEL # 97436 REFERENCE PATH ID: W17A CHART CIRCLING ICON. LTP HAE: 395.8 M					
CIRAR (IF/IAF)		HUPIN (FB)		172.67 / 6.30				2900							
HUPIN (FAF)		IRIYE/2.40 NM TO RW17 (FB)		172.67 / 2.23											
IRIYE/2.40 NM TO RW17		RW17 (MAP) (FO)		172.67 / 2.40											
RW17 (MAP)		1636 MSL		172.67											
1636 MSL		ZALIR (FO)						4000							
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD N CIRAR, RT, 172.67 INBOUND, 4000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>172.67</u> FAF: <u>HUPIN</u> DIST FAF TO MAP: <u>4.63</u> THLD: <u>4.63</u> 4. MIN. ALT: CIRAR 4000, HUPIN 2900, IRIYE/2.40 NM TO RW17 2180* 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2900</u> GS ALT AT: <u>HUPIN 2900</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>40.0</u> 34:1 IS CLEAR 8. MSA FROM: <u> </u>										MAG VAR: 6E EPOCH YEAR: 2005					
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A		STANDARD @			
CATEGORY =====>		A		B		C		D		E					
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA			
LPV DA	1636	1	250	1636	1	250		NA			NA				
LNAV/VNAV DA	1685	1	299	1685	1	299		NA			NA				
LNAV MDA	1760	1	374	1760	1	374		NA			NA				
CIRCLING	2100	1	713	2100	1	713		NA			NA				
NOTES: CHART NOTE: CIRCLING TO RWY 35 NA AT NIGHT. CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART NOTE: WHEN LOCAL ALTIMETER SETTING IS NOT RECEIVED, USE BROWNWOOD ALTIMETER SETTING: (SEE FORM 8260-10)													@ NA WHEN LOCAL WEATHER NOT AVAILABLE.		
CITY AND STATE		ELEVATION: 1387 THRE: 1386		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
COMANCHE, TX		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 17, AMDT 1				AMDT: ORIG					
		COMANCHE COUNTY-CITY				8 JANUARY 2015				DATED 02/16/2006					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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NOTES, (CONT.):

INCREASE ALL DA 46 FT AND ALL MDA 60 FT, INCREASE LNAV/VNAV VISIBILITY ALL CATS 1/8 MILE.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING BROWNWOOD ALTIMETER SETTING.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV N/A BELOW -17C (2F) OR ABOVE 54C (130F).

TAA

	FROM	TO	ALT
1.	083/30 CW 263/30 (NOPT)	CIRAR (IF/IAF) (FB)	4000
2.	263/30 CW 083/30	CIRAR (IF/IAF) (FO)	4000

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FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KMKR
RUNWAY RW17
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W17A
LTP/FTP LATITUDE 315535.3435N
LTP/FTP LONGITUDE 0983557.7335W
LTP/FTP ELLIPSOIDAL HEIGHT +03958
FPAP LATITUDE 315406.0795N
FPAP LONGITUDE 0983555.3050W
THRESHOLD CROSSING HEIGHT (TCH) 00040.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1384
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

91754CB4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K4
LTP ORTHOMETRIC HEIGHT +04226
FPAP ORTHOMETRIC HEIGHT +04226

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KMKNK4FR17	ACIRAR	010CIRARK4EA0EE	AR	HF		17270040	+	04000	18000		A	JS
SUSAP	KMKNK4FR17	R	010CIRARK4EA0E	I	IF			+	04000	18000		A	JS
SUSAP	KMKNK4FR17	R	020HUPINK4EA1E	F	051TF		17270063	+	02900			A	JS
SUSAP	KMKNK4FR17	R	020HUPINK4EA2WALPV		ALNAV/VNAV	ALNAV							JS
SUSAP	KMKNK4FR17	R	021IRIYEK4EA0E	S	031TF		17270022	V	0218002191		-300	A	JS
SUSAP	KMKNK4FR17	R	030RW17	K4PGOGY	M	031TF	17270024		01426		-300	A	JS
SUSAP	KMKNK4FR17	R	040		0	M	1727	+	01636			A	JS
SUSAP	KMKNK4FR17	R	050ZALIRK4EA0EY		DF			+	04000			A	JS
SUSAP	KMKNK4FR17	R	060ZALIRK4EA0EE	R	HM		35270040	+	04000			A	JS

[illegible][illegible]

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	CIRAR	CIRAR	010	IAF	HF	R	FO		172.7 (178.7T)	004.0	AA 04000	
		CIRAR	010	FACF	IF		FB				AA 04000	
		HUPIN	020	FAF	TF		FB	0.5	172.7 (178.7T)	006.3	AA 02900	
		IRIYE	021	SDF	TF		FB	0.3	172.7 (178.7T)	002.2	AA 02180 GS 02191	
		RW17	030	MAP	TF		FO	0.3	172.7 (178.7T)	002.4	AT 01426	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		172.7 (178.7T)		AA 01636	
	ZALIR	050		DF		FO				AA 04000	
	ZALIR	060		HM	R	FO		352.7 (358.7T)	004.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CIRAR	N320632.17	W0983615.65	N3206.536	W09836.261
	HUPIN	N320013.48	W0983605.31	N3200.225	W09836.089
	IRIYE	N315759.61	W0983601.66	N3157.994	W09836.028
	ZALIR	N314510.08	W0983540.74	N3145.168	W09835.679
	RW17	N315535.34	W0983557.73	N3155.589	W09835.962

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17	01386	40

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