

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: RW28 CLIMB TO 5000 DIRECT JEMMO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 104.45 INBOUND. CHART FAS OBST: 2963 ROD ON DOME 315636N/1021121W DISTANCE TO THLD FROM 200 HATH: 0.46 NM. CHART VDP AT 1.17 MILES TO RW28* *LNAV ONLY. WAAS CHANNEL # 81816 REFERENCE PATH ID: W28A CHART: ASR LTP HAE: 845.8 M					
EASYY (IF/IAF)		SELNE (FB)		284.71 / 7.28				4700							
SELNE (FAF)		RW28 (MAP) (FO)		284.64 / 5.63											
RW28 (MAP)		3055 MSL		284.64				5000							
3055 MSL		JEMMO (FO)													
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)												MAG VAR: 9E EPOCH YEAR: 1985			
2. HOLD E EASYY, RT, 284.71 INBOUND, 4700 FT. IN LIEU OF PT (IAF)															
3. FAC: <u>284.64</u> FAF: <u>SELNE</u> DIST FAF TO MAP: <u>5.63</u> THLD: <u>5.63</u>															
4. MIN. ALT: <u>EASYY 4700, SELNE 4700</u>															
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>4700</u> GS ALT AT: <u>SELNE 4700</u> OM: <u> </u> MM: <u> </u> IM: <u> </u>															
7. GS ANGLE: <u>3.00</u> TCH: <u>52.8</u> 34:1 IS CLEAR															
8. MSA FROM: <u> </u>															
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	DH/MDA	VIS	HAT/HAA
LPV DA	3055	1/2	200	3055	1/2	200	3055	1/2	200	3055	1/2	200			
LNAV/VNAV DA	3134	5/8	279	3134	5/8	279	3134	5/8	279	3134	5/8	279			
LNAV MDA	3280	3/4	425	3280	3/4	425	3280	1	425	3280	1	425			
CIRCLING															
	3440	1	568	3440	1	568	3440	1 1/2	568	3520	2	648			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -11C (13F) OR ABOVE 25C (77F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: CIRCLING TO R16L NA AT NIGHT															
CITY AND STATE		ELEVATION: 2872 THRE: 2855		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
MIDLAND, TX		AIRPORT NAME: MIDLAND INTL				RNAV (GPS) RWY 28, AMDT 2				AMDT: 1					
						20 SEPTEMBER 2012				DATED		08/04/2005			

QUALITY
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD

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TAA

	FROM	TO	ALT
1.	195/30 CW 015/30 (NOPT)	EASYY (IF/IAF) (FB)	4700
2.	015/30 CW 195/30	EASYY (IF/IAF) (FO)	5100

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RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
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 KMAF
RUNWAY RW28
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W28A
LTP/FTP LATITUDE 315621.3855N
LTP/FTP LONGITUDE 1021137.9280W
LTP/FTP ELLIPSOIDAL HEIGHT +08458
FPAP LATITUDE 315657.1100N
FPAP LONGITUDE 1021313.9000W
THRESHOLD CROSSING HEIGHT (TCH) 00052.8
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 0432
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 35.0

CRC REMAINDER

AFE547E4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K4
LTP ORTHOMETRIC HEIGHT +08701
FPAP ORTHOMETRIC HEIGHT +08701

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ARINC PACKET - 424-8 - RNAV (GPS)

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KMAFK4FR28	AEASY	010EASY	YK4EA0EE	AR	HF		28470050		+ 04700	18000			A JS
SUSAP KMAFK4FR28	R	010EASY	YK4EA0E	I	IF				+ 04700	18000			A JS
SUSAP KMAFK4FR28	R	020SEL	NEK4EA1E	F	051TF		28470073		+ 04700				A JS
SUSAP KMAFK4FR28	R	020SEL	NEK4EA2W	ALPV	ALNAV/VNAV	ALNAV							JS
SUSAP KMAFK4FR28	R	030RW	28 K4PG	0GY M	031TF		28460056		02908		-300		A JS
SUSAP KMAFK4FR28	R	040		0 M	CA		2846		+ 03055				A JS
SUSAP KMAFK4FR28	R	050JEM	MOK4EA0EY		DF				+ 05000				A JS
SUSAP KMAFK4FR28	R	060JEM	MOK4EA0EE	R	HM		10450050		+ 05000				A JS

[illegible][illegible]

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ARINC SUMMARY - 424-8 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	EASYY	EASYY	010	IAF	HF	R	FO		284.7(293.7T)	005.0	AA 04700	
		EASYY	010	FACF	IF		FB				AA 04700	
		SELNE	020	FAF	TF		FB	0.5	284.7(293.7T)	007.3	AA 04700	
		RW28	030	MAP	TF		FO	0.3	284.6(293.6T)	005.6	AT 02908	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		284.6(293.6T)		AA 03055	
	JEMMO	050		DF		FO				AA 05000	
	JEMMO	060		HM	R	FO		104.5(113.5T)	005.0	AA 05000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EASYY	N315109.99	W1015744.48	N3151.167	W10157.741
	JEMMO	N320215.87	W1022733.50	N3202.265	W10227.558
	SELNE	N315405.82	W1020534.40	N3154.097	W10205.573
	RW28	N315621.39	W1021137.93	N3156.357	W10211.632

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW28	02855	53

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