

RNAV - STANDARD US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION						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: RW16R CLIMB TO 4700 DIRECT ICORO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 346.05 INBOUND. CHART FAS OBST: 3056 DRILLING RIG 315838N/1021246W CHART: ASR DISTANCE TO THLD FROM 200 HAT: 0.47 NM. CHART VDP AT 1.38 NM TO RW16R* *LNAV ONLY. WAAS CHANNEL # 61329 REFERENCE PATH ID: W16A LTP HAE: 851 M											
PERAE (IF/IAF)				SIXVE (TF) (FB) (RNP 1.00)				166.03 / 7.32				4600													
SIXVE (FAF)				RW16R (MAP) (TF) (FO) (RNP 0.30)				166.04 / 5.27																	
RW16R (MAP)				3072 MSL (CA)				166.04				4700													
3072 MSL				ICORO (DF) (FO) (RNP 1.00)																					
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD N PERAE, RT, 166.03 INBOUND, 5100 FT. IN LIEU OF PT (IAF) 3. FAC: 166.04 FAF: SIXVE DIST FAF TO MAP: 5.27 THLD: 5.27 4. MIN. ALT: PERAE 5100, SIXVE 4600 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 4600 GS ALT AT: SIXVE 4600 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 49.8 34:1 IS NOT CLEAR 8. MSA FROM: _____																MAG VAR: 9E					EPOCH YEAR: 1985				
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	3072	3/4	200	3072	3/4	200	3072	3/4	200	3072	3/4	200													
LNAV/VNAV DA	3398	1 3/4	526	3398	1 3/4	526	3398	1 3/4	526	3398	1 3/4	526													
LNAV MDA	3360	1	488	3360	1	488	3360	1 3/8	488	3360	1 3/8	488													
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: RWY 16R HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: CIRCLING RWY 16L NA AT NIGHT																									
CITY AND STATE MIDLAND, TX				ELEVATION: 2872 TDZE: 2872 AIRPORT NAME: MIDLAND INTL AIR AND SPACE PORT				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 16R, AMDT 1B 22 JUNE 2017				SUP:									
																AMDT: 1A									
																DATED 04/02/2015									



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TAA

	FROM	TO	ALT
1.	076/30 CW 256/30 (NOPT)	PERAE (IF/IAF) (FB)	5100
2.	256/30 CW 076/30	PERAE (IF/IAF) (FO)	5300

QUALITY
16
CHECKED

CITY AND STATE MIDLAND, TX	ELEVATION: 2872 AIRPORT NAME: MIDLAND INTL AIR AND SPACE PORT	TDZE: 2872 FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 16R, AMDT 1B 22 JUNE 2017	SUP:
				AMDT: 1A
				DATED: 04/02/2015

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMAF
RUNWAY	RW16R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W16A
LTP/FTP LATITUDE	315733.8595N
LTP/FTP LONGITUDE	1021219.8585W
LTP/FTP ELLIPSOIDAL HEIGHT	+08510
FPAP LATITUDE	315600.2000N
FPAP LONGITUDE	1021210.3300W
THRESHOLD CROSSING HEIGHT (TCH)	00049.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

<u>CRC REMAINDER</u>	FB4BE8A6
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+08754
FPAP ORTHOMETRIC HEIGHT	+08754

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