

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION							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: RW20 CLIMB TO 5200 DIRECT WOGFE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 016.93 INBOUND. CHART FAS OBST: 3354 TREE 331100N/1021146W. 3509 AAO 331447N/1020857W. DISTANCE TO THLD FROM 333 HAT: 0.92 NM. WAAS CHANNEL # 97641 REFERENCE PATH ID: W20A CHART CIRCLING ICON. CHART LUBBOCK ASOS. LTP HAE: 971.2 M									
LEBDE (IF/IAF)				ZAGDO (TF) (FB) (RNP 1.00)				197.04 / 6.00				4900											
ZAGDO (FAF)				SWEAR/3.00 NM TO RW20 (TF) (FB) (RNP 0.30)				197.01 / 2.01															
SWEAR/3.00 NM TO RW20				RW20 (MAP) (TF) (FO) (RNP 0.30)				197.01 / 3.00															
RW20 (MAP)				3598 MSL (CA)				197.01				5200											
3598 MSL				WOGFE (DF) (FO) (RNP 1.00)																			
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)														MAG VAR: 9E EPOCH YEAR: 1995									
2. HOLD N LEBDE, RT, 197.04 INBOUND, 5200 FT. IN LIEU OF PT (IAF)																							
3. FAC: 197.01 FAF: ZAGDO DIST FAF TO MAP: 5.01 THLD: 5.01																							
4. MIN. ALT: LEBDE 5200, ZAGDO 4900, SWEAR/3.00 NM TO RW20 4260*																							
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																							
6. MIN GS INCPT: 4900 GS ALT AT: ZAGDO 4900 OM: _____ MM: _____ IM: _____																							
7. GS ANGLE: 3.00 TCH: 41.2 20:1 IS CLEAR 34:1 IS NOT CLEAR																							
8. MSA FROM: _____																							
MINIMUMS																							
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A X																
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	3598	1	333	3598	1	333	3598	1	333	3598	1	333											
LNAV/VNAV DA	3618	1	353	3618	1	353	3618	1	353	3618	1	353											
LNAV MDA	3700	1	435	3700	1	435	3700	1 1/4	435	3700	1 1/4	435											
CIRCLING	3760	1	495	3920	1	655	3980	2	715	4100	2 3/4	835											
NOTES: CHART NOTE: BARO-VNAV NA. CHART NOTE: CIRCLING RWY 13, 31 NA AT NIGHT. CHART NOTE: RWY 20 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: DME/DME RNP-0.3 NA. (CONTINUED ON PAGE 2)																							
CITY AND STATE BROWNFIELD, TX				ELEVATION: 3265 TDZE: 3265 AIRPORT NAME: TERRY COUNTY				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 20, AMDT 1 29 MARCH 2018					SUP: AMDT: ORIG DATED 10/22/2009								



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

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NOTES, (CONT.):

*RNAV ONLY

CHART NOTE: USE LUBBOCK ALTIMETER SETTING, WHEN NOT RECEIVED, USE SEMINOLE ALTIMETER SETTING AND INCREASE LPV DA TO 3609 FEET; INCREASE RNAV/VNAV DA TO 3629 FEET; INCREASE ALL MDA 20 FEET AND RNAV CAT C/D VISIBILITY 1/8 SM.

TAA

	FROM	TO	ALT
1.	107/30 CW 287/30 (NOPT)	LEBDE (IF/IAF) (FB)	5200
2.	287/30 CW 107/30	LEBDE (IF/IAF) (FO)	5200

QUALITY
24
CHECKED

CITY AND STATE BROWNFIELD, TX	ELEVATION: 3265 TDZE: 3265 AIRPORT NAME: TERRY COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 20, AMDT 1 29 MARCH 2018	SUP:
				AMDT: ORIG
				DATED: 10/22/2009

**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	KBFE
RUNWAY	RW20
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W20A
LTP/FTP LATITUDE	331043.2130N
LTP/FTP LONGITUDE	1021122.1640W
LTP/FTP ELLIPSOIDAL HEIGHT	+09712
FPAP LATITUDE	330922.9685N
FPAP LONGITUDE	1021208.6725W
THRESHOLD CROSSING HEIGHT (TCH)	00041.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1160
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 7FB32F13

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+09950
FPAP ORTHOMETRIC HEIGHT	+09950

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24
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