

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT</u> LUBBOCK PRESTON SMITH INTL	<u>AIRPORT ID</u> KLBB	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 26	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> LUBBOCK	<u>STATE</u> TX	
<u>AIRPORT ELEVATION</u> 3282	<u>TDZE</u> 3256	<u>SUPERSEDED</u> RNAV (GPS) RWY 26	<u>ORIGINAL/AMENDMENT</u> 2C	<u>DATED</u> 10/12/2017	<u>MAG VAR</u> 6E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 19 JULY 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
FLOYD		EVENE		TF	FB	2.00	233.91	13.07	5000
SLIDE		FASRA		TF	FB	2.00	055.03	29.22	5000
EVENE	IAF	CELRA		TF	FB	1.00	194.88	13.03	5000
FASRA	IAF	CELRA		TF	FB	1.00	332.56	13.03	5000
CELRA	IF	FIKNA		TF	FB	1.00	263.79	6.50	4700
FIKNA	FAF	WOXIL/1.50 NM TO RW26		TF	FB	0.30	263.72	2.89	
WOXIL/1.50 NM TO RW26		RW26	MAP	TF	FO	0.30	263.72	1.50	
RW26	MAP	3456 MSL		CA			263.72		
3456 MSL		KAPWU		DF	FO	1.00			5200

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW26

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5200 DIRECT KAPWU AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)
2. PROFILE STARTS AT CELRA
3. FAC:

263.72

FAF:

FIKNA

DIST FAF TO MAP:

4.39

DIST FAF TO THLD:

4.39
4. MIN ALT: CELRA 5000, FIKNA 4700, WOXIL/1.50 NM TO RW26 3780*
5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

200 HAT:

0.48
6. MIN GP INCPT:

4700

GP ALT AT FAF :

FIKNA 4700

OM:

MM:

IM:
7. GP ANGLE:

3.00

34:1:

IS CLEAR

20:1:

IS CLEAR

TCH:

50.0
8. MSA FROM: RW26 5300

PBN EQUIPMENT REQUIREMENTS NOTES

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -10C OR ABOVE 52C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FLOYD ON V14 NORTHEAST BOUND AND V278 EASTBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SLIDE ON V76-81 SOUTHBOUND.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LPV CAT E VISIBILITY TO RVR 4000; INCREASE LNAV/VNAV CAT E VISIBILITY TO RVR 5000; AND INCREASE LNAV CAT C/D/E VISIBILITIES TO RVR 4500.
**RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON
CHART VDP AT 0.81 NM TO RW26*
*LNAV ONLY
WAAS CHANNEL #45528
REFERENCE PATH ID: W26A
CHART FAS OBST: 3307 POLE 333958N/1014704W.
HOLD W, RT, 083.55 INBOUND
LTP HAE: 966.2 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - CAT E 900-3

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA**	3456	2400	200	3456	2400	200	3456	2400	200	3456	2400	200	3456	2400	200
LNAV/VNAV DA	3579	2600	323	3579	2600	323	3579	2600	323	3579	2600	323	3579	2600	323
LNAV MDA	3560	2400	304	3560	2400	304	3560	2400	304	3560	2400	304	3560	2400	304
CIRCLING	3720	1	438	3740	1	458	3880	1 1/2	598	3940	2	658	4100	3	818



AIRPORT	AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
LUBBOCK PRESTON SMITH INTL	KLBB	RNAV (GPS) RWY 26	3	LUBBOCK	TX

CHANGES - REASONS

- 1. CHANGED FIKNA TO WOXIL DISTANCE FROM 3.19 NM TO 2.89 NM. - RWY 26 STEPDOWN FIX MOVED FROM 1.20 NM TO RW26 TO 1.50 NM TO RWY 26 TO ENSURE DESCENT RATE STABILITY THROUGHOUT FINAL APPROACH.
- 2. CHANGED WOXIL TO RW26 DISTANCE FROM 1.20 NM TO 1.50 NM. - RWY 26 STEPDOWN FIX MOVED FROM 1.20 NM TO RW26 TO 1.50 NM TO RWY 26 TO ENSURE DESCENT RATE STABILITY THROUGHOUT FINAL APPROACH.
- 3. CHANGED MISSED APPROACH CA LEG ALTITUDE FROM 3455 MSL TO 3456 MSL. - CA LEG MUST REACH LOWEST DA OR 400 FT ABOVE AIRPORT ELEVATION, WHICHEVER IS LOWER; LOWEST DA CHANGED FROM 3455 TO 3456 FOR AMDT 3 DUE TO INCREASE IN TDZE FROM 3255 FT MSL TO 3256 FT MSL.
- 4. CHANGED MISSED APPROACH CLEARANCE LIMIT ALTITUDE FROM 5100 FT MSL TO 5200 FT MSL. - ALTITUDE ADJUSTED TO COINCIDE WITH INCREASED MVA SECTOR ALTITUDE AT KAPWU.
- 5. CHANGED MISSED APPROACH HOLDING ALTITUDE AT KAPWU FROM 5100 FT MSL TO 5200 FT MSL. - ALTITUDE ADJUSTED TO COINCIDE WITH INCREASED MVA SECTOR ALTITUDE AT KAPWU.
- 6. CHANGED MISSED APPROACH INSTRUCTIONS FROM CLIMB TO 5100 DIRECT KAPWU AND HOLD TO CLIMB TO 5200 DIRECT KAPWU AND HOLD. - ALTITUDE ADJUSTED TO COINCIDE WITH INCREASED MVA SECTOR ALTITUDE AT KAPWU.
- 7. ADDED ADDITIONAL FLIGHT DATA NOTE: CHART VDP AT 0.81 NM TO RW26* AND *LNAV ONLY. - VDP NOT PREVIOUSLY ESTABLISHED DUE TO PROXIMITY OF SDF TO THLD; WITH SDF MOVING FURTHER AWAY FROM THLD, ADEQUATE AREA EXISTS TO ALLOW VDP TO BE ESTABLISHED.
- 8. CHANGED LINE 7 VISUAL SURFACE NOTE FROM 34:1 IS CLEAR TO 20:1 IS CLEAR 34:1 IS CLEAR. - 8260.19H REQUIRES DOCUMENTATION OF STATUS FOR BOTH 20:1 AND 34:1 VISUAL SURFACES.
- 9. INCREASED LPV DA FROM 3455 FT MSL TO 3456 MSL. - TDZE INCREASED BY 1 FT FROM 3255 FT MSL TO 3256 FT MSL.
- 10. INCREASED LNAV/VNAV DA FROM 3578 FT MSL TO 3579 FT MSL. - TDZE INCREASED BY 1 FT FROM 3255 FT MSL TO 3256 FT MSL.
- 11. CHANGED CHART NOTE FROM: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12C (11F) OR ABOVE 52C (126F) TO: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -10C OR ABOVE 52C. - PREVIOUS VALUES CALCULATED BASED ON 3-YEAR WEATHER DATA COMPILED FROM 2012-2014, CURRENT VALUES CALCULATED BASED ON 5-YEAR WEATHER DATA COMPILED FROM 2013-2017.
- 12. CHANGED CHART NOTE FROM DME/DME RNP-0.3 NA TO PBN EQUIPMENT REQUIREMENTS NOTE: RNP APCH. - DME/DME NOTE NO LONGER APPLICABLE, PBN EQUIPMENT REQUIREMENTS NOTES NOW REQUIRED PER 8260.19H AND MEMO 257.
- 13. CHANGED ALS INOP NOTE FROM CHART NOTE: FOR INOP MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 5000 TO CHART NOTE: FOR INOPERATIVE ALS, INCREASE LPV CAT E VISIBILITY TO RVR 4000; INCREASE LNAV/VNAV CAT E VISIBILITY TO RVR 5000; AND INCREASE LNAV CAT C/D/E VISIBILITIES TO RVR 4500. - ALL VISIBILITIES, TO INCLUDE ALS INOP VISIBILITIES CALCULATED WITH AFS-400 APPROVED CALCULATOR.



COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: AMGR, LBB ATCT, LBB APP CON, ZFW, ATA

FLIGHT CHECKED BY Digitally signed by
ANTHONY D VALLERA ROBERT G HAMILTON
Apr 23, 2018

OFFICE DATE
FICO 4/18/18

DEVELOPED BY Digitally signed by
ROBERT G HAMILTON (JOSHUA LEETE) ROBERT G HAMILTON
Apr 23, 2018

OFFICE DATE
AJV-5422 02/26/2018

APPROVED BY Digitally signed by
JULIE MORGAN ROBERT G HAMILTON
Apr 23, 2018

OFFICE DATE TITLE
AJV-5420 MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLBB
RUNWAY	RW26
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W26A
LTP/FTP LATITUDE	333944.4810N
LTP/FTP LONGITUDE	1014747.7725W
LTP/FTP ELLIPSOIDAL HEIGHT	+09662
FPAP LATITUDE	333943.9535N
FPAP LONGITUDE	1014934.5185W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0312
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	93FBAFC8

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+09914
FPAP ORTHOMETRIC HEIGHT	+09914

