

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION LOC STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.25								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		MAP: 4.19 MILES AFTER FRIER/I-LBB 4.68 DME/RADAR OR AT NOLOE/I-LBB 0.49 DME FIX CLIMB TO 4000 THEN CLIMBING RIGHT TURN TO 5200 ON HEADING 170 AND ON LBB VORTAC R-114 TO HYDRO INT/LBB 14.20 DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, LT, 293.77 INBOUND. CHART FAS OBST: 3291 TREE 333829N/1014934W CHART 3511 TOWER 333401N/1014951W. CHART: 3430 PLANT 333632N/1014959W FRIER BCM TO RW35L: 2.89/54. CHART BACK COURSE MARKER AT FRIER. CHART CIRCLING ICON. CHART IN PLANVIEW ONLY LBB VORTAC 9.22 DME AT FRIER.					
LBB VORTAC		FRIER/I-LBB 4.68 DME/RADAR		141.69 / 9.18				5200							
FRITS/I-LBB 11.87 DME/RADAR (IF/IAF)		FRIER/I-LBB 4.68 DME/RADAR (NOPT)		353.67 / 7.19 (I-LBB)				4800							
1. PT <u> R </u> SIDE OF COURSE <u> 173.67 </u> OUTBOUND <u> 5200 </u> FT WITHIN <u> 10 </u> MILES OF <u> FRIER </u> (IAF) 2. _____ 3. FAC <u> 353.67 </u> FAF <u> FRIER/I-LBB 4.68 DME/RADAR </u> DIST FAF TO MAP <u> 4.19 </u> THLD <u> 4.91 </u> 4. MIN. ALT <u> FRITS 5200, FRIER 4800, ENZIE INT/I-LBB 1.63 DME/RADAR 3820 </u> 8. MSA FROM: <u> LBB VORTAC 5300 </u>										MAG VAR: 6E		EPOCH YEAR: 2020			
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT								ALTERNATE: N A		STANDARD					
CATEGORY =====>		A		B		C				D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-35L	3820	3/4	566	3820	3/4	566	3820	1 1/2	566	3820	1 1/2	566			
CIRCLING	3820	1	538	3820	1	538	3880	1 1/2	598	3940	2	658			
ENZIE FIX MINIMUMS															
S-35L	3560	3/4	306	3560	3/4	306	3560	3/4	306	3560	3/4	306			
CIRCLING	3720	1	438	3740	1	458	3880	1 1/2	598	3940	2	658			
NOTES: CHART PLANVIEW NOTE: DME OR RADAR REQUIRED. CHART PROFILE NOTE: DISREGARD GS INDICATIONS. CHART NOTE: FOR INOPERATIVE ODALS, INCREASE CAT C/D VISIBILITY TO 1 5/8 MILE. CHART NOTE: ENZIE FIX MINIMUMS, FOR INOPERATIVE ODALS, INCREASE CAT C/D VISIBILITY TO 7/8 MILE.															
CITY AND STATE LUBBOCK, TX		ELEVATION: 3282		TDZE: 3254		FACILITY IDENTIFIER: I-LBB		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: LOC BC RWY 35L, AMDT 19				SUP			
		AIRPORT NAME:										AMDT 18C			
		LUBBOCK PRESTON SMITH INTL										DATE 10/18/2012			



ALL AFFECTED PROCEDURES REVIEWED? <div><input checked="" type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
ROUTINE					
COORDINATED WITH:					
ATA <div><input checked="" type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>		ALPA <div><input checked="" type="checkbox"/></div>	
APA <div><input checked="" type="checkbox"/></div>		AOPA <div><input checked="" type="checkbox"/></div>		NBAA <div><input checked="" type="checkbox"/></div>	
OTHER (specify) <div><input checked="" type="checkbox"/> ZFW, LBB ATCT, AMGR</div>					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME: <div>THOMAS L KIRKPATRICK</div>				FIFO AJV-5423	DATE: 07/28/2015
APPROVED BY Sep 04, 2015					
NAME: <div>GEORGE GONZALEZ</div>				FIFO AJV-5420	DATE:
MANAGER					
CHANGES:					
<div>1. AIRPORT AND I-LBB MAGVAR/EPOCH YEAR FROM 9E/1985 TO 6E/2020. 2. LBB TO FRIER COURSE/DISTANCE CHANGED FROM 141.23/9.24 TO 141.69/9.18. 3. FRITS TO FRIER COURSE/DISTANCE CHANGED FROM 350.67/7.18 TO 353.67/7.19. 4. PROCEDURE TURN OUTBOUND CHANGED FROM 170.67 TO 173.67. 5. FAC CHANGED FROM 350.67 TO 353.67. 6. DIST FAF TO MAP/THLD CHANGED FROM 4.16/4.88 TO 4.19/4.91. 7. S-LOC 35L CAT D VISIBILITY CHANGED FROM 1 3/4 TO 1 1/2. 8. ENZIE FIX MINIMUMS: S-LOC 35L CAT D VISIBILITY CHANGED FROM 1 TO 3/4. 9. ADD INOP ODALS NOTES FOR BOTH SETS OF MINIMUMS. 10. CIRCLING CAT C MDA/HAA CHANGED FROM 3820/538 TO 3880/598 (AND STEPDOWN), AND CAT D MDA/HAA FROM 3840/558 TO 3940/658 (AND STEPDOWN). 11. CHANGED MISSED APPROACH FROM "CLIMB TO 5000 DIRECT POLLO LOM AND HOLD" TO "CLIMB TO 4000 THEN CLIMBING RIGHT TURN TO 5200 ON HEADING 170 AND ON LBB VORTAC R-114 TO HYDRO INT/LBB 14.20 DME AND HOLD." 12. FAS OBST CHANGED FROM 3260 OL ON DME TO 3291 TREE. 13. ADDED 3430 PLANT AS PARA 289 OBST. (SEE FORM 8260-10)</div>					
REASONS:					
<div>1. MAGVAR UPDATED AS PER CRITERIA. 2,3,4,5,6. FRIER MOVED TO KNEW TANGENT POINT ON CENTERLINE ON FINAL. 7,8,9. NEW VISIBILITY TABLE. 10. ORDER 8260-3, VOLUME 1, CHAPTER 3, NEW CIRCLING CRITERIA APPLIED. 11. POLLO LOM DECCOMISSIONED, AND MISSED APPROACH TO MIRROR HI-LOC/DME BC RWY 35L AT ATC REQUEST. 12. NEW SURVEYED OBSTACLE. 13. OBSTACLE IN 7:1 AREA. 14. NEW FAF LOCATION. 15. MAP NOT AT THRESHOLD.</div>					



**LOC STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - TITLE 14 CFR PART 97.25**

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QUALITY
6
CHECKED

CITY AND STATE

LUBBOCK, TX

ELEVATION: 3282

TDZE: 3254

AIRPORT NAME:

LUBBOCK PRESTON SMITH INTL

FACILITY
IDENTIFIER:

I-LBB

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

LOC BC RWY 35L, AMDT 19

SUP:

AMDT: 18C

DATED: 10/18/2012

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <input type="checkbox"/>	AAT <input type="checkbox"/>	ALPA <input type="checkbox"/>	APA <input type="checkbox"/>	AOPA <input type="checkbox"/>	NBAA <input type="checkbox"/>
OTHER (specify) <input type="checkbox"/> _____					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES: CHANGES CONT. 14. CHANGED VDA FROM 2.90/54 TO 2.89/54. 15. NAMED MAP NOLOE.					
REASONS:					



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC BC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.25

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ARINC SUMMARY - KLBB

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
LBB	010	LBB	IF	FB										V
LBB	020	FRIER	TF	FB								AA 05200		E
LBB	030	FRIER	PI	FB		218.7	ILBB		L			AA 05200		EE A
	010	FRITS	IF	FB			ILBB					AA 05200		E D
	020	FRIER	CF	FB		354.0	ILBB			LBB		AA 04800		E F
	021	ENZIE	CF	FB		354.0	ILBB	2.89				AA 03820		E S
	030	NOLOE	CF	FO		354.0	ILBB	2.89				AT 03517		EY M
	040		CA	FB		353.7						AA 04000		M
	050		VI	FB		170.0			R					
	060	HYDRO	CF	FO		113.8	LBB					AA 05200		EY
	070	HYDRO	HM	FO		293.8			L			AA 05200		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
LBB	N334217.82	W1015450.44
ILBB (DME)	N333848.98	W1014940.24
HYDRO	N333410.25	W1014052.84
ENZIE	N333711.16	W1014942.95
FRIER	N333407.53	W1014941.71
FRITS	N332655.41	W1014939.02
NOLOE	N333819.54	W1014943.45
ILBB (LOC)	N333849.22	W1014943.65

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW35L	N333902.74	W1014943.74	03243	54

QUALITY
15
CHECKED

CITY AND STATE
LUBBOCK, TX

ELEVATION: 3282 TDZE: 3254
AIRPORT NAME:
LUBBOCK PRESTON SMITH INTL

FACILITY
IDENTIFIER:
I-LBB

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
LOC BC RWY 35L, AMDT 19

SUP:
AMDT: 18C
DATED: 10/18/2012

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH: <div>ATA<input type="checkbox"/> AAT<input type="checkbox"/> ALPA<input type="checkbox"/> APA<input type="checkbox"/> AOPA<input type="checkbox"/> NBAA<input type="checkbox"/> OTHER (specify) <input type="checkbox"/> _____</div>					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				NFPG	DATE:
APPROVED BY					
NAME:				NFPG	DATE:
CHANGES:					
REASONS:					

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT		FROM		TO		OBSTRUCTION		COORDINATES		ELEV. MSL		ROC		ALT. ADJUSTMENTS		MIN. ALT.				
FEEDER		LBB VORTAC		FRIER/I-LBB 4.68		1. TOWER (48-004203)		333455.00N/1015328.00W		4043 (3C)		1000		PT157		5200				
				DME/RADAR		2. TERRAIN		334133.00N/1015615.00W		3354 (3400)				AS1500		4900				
INTERMEDIATE		FRITS/I-LBB 11.87		FRIER/I-LBB 4.68		3. TOWER (48-001648)		333007.94N/1015221.37W		4157 (5D)		500				4700				
		DME/RADAR		DME/RADAR		4. TERRAIN		332727.00N/1015406.00W		3298 (3300)				AS1500		4800				
		(IF/IAF)																		
INTERMEDIATE: PT		10 NM		FRIER/I-LBB 4.68		5. TOWER (48-009105)		332631.00N/1015242.00W		4146 (5D)		500				4700				
				DME/RADAR		6. TERRAIN		332612.00N/1015330.00W		3285 (3300)				AS1500		4800				
FINAL		FRIER/I-LBB 4.68		ENZIE INT/I-LBB		7. TOWER (48-001961)		333401.00N/1014951.00W		3511 (4D)		250		AC50		3820				
		DME/RADAR		1.63 DME/RADAR																
FINAL: STEPDOWN		ENZIE INT/I-LBB		4.19 MILES AFTER		8. TREE (KLBB0025)		333829.26N/1014933.65W		3291 (1A)		250				3560				
		1.63 DME/RADAR		FRIER/I-LBB																
				4.68 DME/RADAR																
				OR AT																
				NOLOE/I-LBB																
				0.49 DME FIX																
2. PROCEDURE TURN		FRIER		10 NM		3. TOWER (48-001648)		333007.94N/1015221.37W		4157 (5D)		1000				5200				
						9. TERRAIN		332839.00N/1020039.00W		3354 (3400)				AS1500		4900				
3. MISSED APPROACH	MAP:		4.19 MILES AFTER		HYDRO INT/LBB						ASC				5200					
			FRIER/I-LBB 4.68		14.20 DME		10. TOWER (48-005634)		333628.00N/1014352.00W		3650 (5D)		1000		4700					
	ELEV:		3310				11. TERRAIN		333903.00N/1014830.00W		3331 (3300)				AS1500					
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.																
CATEGORY A		1.3 NM		REQUIRED	350	ACTUAL	538 / 438		12. TANK (48-001351)		333923.10N/1014810.69W		3415 (1A)		300		SI		3820 / 3720	
CATEGORY B		1.5 NM			450		538 / 458		12. TANK (48-001351)		333923.10N/1014810.69W		3415 (1A)		300		SI / HAA		3820 / 3740	
CATEGORY C		1.7 NM			450		598 / 598		13. TOWER (48-002052)		333605.00N/1015017.00W		3518 (4D)		300		AC50 / AC50		3880 / 3880	
CATEGORY D		2.3 NM			550		658 / 658		14. TOWER (48-003323)		333716.00N/1015355.00W		3577 (5D)		300		AC50 / AC50		3940 / 3940	
CATEGORY E		4.5 NM			550															
5. MINIMUM SAFE ALTITUDES																				
SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		
360-360		TWR (48-013579)		036/22.3		4280 (5D)		5300												
CITY AND STATE		LUBBOCK, TX		ELEVATION: 3282		AIRPORT NAME:		LUBBOCK PRESTON SMITH INTL		FACILITY		I-LBB		PROCEDURE AND AMENDMENT NO:		LOC BC RWY 35L, AMDT 19		REGION		
																		ASW		

QUALITY
6

CHECKED

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: VDP NOT ESTABLISHED - VDP IS > 0.5NM BEFORE MAP. TERPS PARAGRAPH 289 APPLIED TO 3430 PLANT 333632N/1014959W FRITS MADE IAF AT AIR TRAFFIC'S REQUEST; JUST OFF V563 COURSELINE. NO REMOTE ALTIMETER DUE TO REDUNDANT SOURCES. VGSI DATA: 3.00/TCH 54 ALTERNATE MISSED APPROACH NOT DEVELOPED AT ATC REQUEST. ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.35NM CAT B: 1.93NM CAT C: 3.04NM CAT D: 3.98NM SEE ATTACHED AIRSPACE LETTER. PDF EDITS: #8, REMOVED GP ANGLE, ELEV GP ANTENNA, AND DISTANCE FROM RWY.													
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE				3. ALTIMETER SETTING															
ZFW ARTCC LBB TOWER				N W S		OTHER: ASOS		SOURCE:KLBB															
								DISTANCE:															
								HOURS REMOTE OPERATION:															
SATISFACTORY ON:																							
X V H F		X U H F		H F		LOCATION: KLBB														ADJUSTMENT: 0			
4. MONITOR STATUS		PRIMARY NAVAID: I-LBB																					
		MONITOR POINT: LBB ATCT																					
		HRS OPTN:		CAT 1		24																	
5. APPROACH & RUNWAY LIGHTING				ALS																			
				(S) SALS																			
		X		MALSR 17R, 26																			
		X		HIRL 08, 17R, 26, 35L																			
				MIRL																			
		X		REIL 08																			
				TDZ																			
				C/LINE																			
		X		OTHER (SPECIFY) ODALS 35L PAPI-4L 08, 26 VASI-4L 35L PAPI-4R 17R																			
6. RUNWAY MARKINGS		BASIC BSC-G 17L, 35R																					
		ALL WEATHER PIR-G 08, 17R, 26, 35L																					
		INSTRUMENT																					
7. RUNWAY VISUAL RANGE		APPROACH 17R, 26																					
		MIDFIELD																					
		ROLL OUT																					
8. GLIDE PATH		GP ANGLE:				ELEV RWY THRESHOLD:3242.5																	
		DISTANCE FROM RWY:				ELEV GP ANTENNA:																	
						THRESHOLD CROSSING HEIGHT:54.0																	
9. FINAL APPROACH COURSE AIMING		X		RUNWAY THRESHOLD				FT. FROM THRESHOLD															
		X		ON CENTERLINE				FT. FROM CENTERLINE															
10. WAIVERS: NONE																							
PART D - PREPARED BY: THOMAS L KIRKPATRICK						DATE: 07/28/2015																	
TITLE: AERONAUTICAL INFORMATION SPECIALIST						OFFICE: AJV-5423																	

