

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV - 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 ID</u> F82	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> LUBBOCK	<u>STATE</u> TX		
<u>AIRPORT ELEVATION</u> 3176	<u>TDZE</u> 3172	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u> 5E	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE			

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>
FUSEE	IAF	LAZEE	NOPT	TF	FB		265.26	10.00	4800
HEPNA	IAF	LAZEE	NOPT	TF	FB		085.04	10.00	4800
LAZEE	IF/IAF	TRNER		TF	FB		355.15	6.00	4800
TRNER	FAF	GICEY/1.60NM TO RW35		TF	FB		355.15	3.39	3720
GICEY/1.60NM TO RW35		RW35	MAP	TF	FO		355.15	1.60	
RW35	MAP	3900 MSL		CA					
3900 MSL		BAGLY		DF	FO				6700

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3900 THEN CLIMBING RIGHT TURN TO 6700 DIRECT BAGLY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6700. * MISSED APPROACH REQUIRES MINIMUM CLIMB OF 241 FEET PER NM TO 4400.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** **(IAF)**
2. HOLD S LAZEE, RT, 355.15 INBOUND, 4800, IN LIEU OF PT (IAF), MAX 7000.
3. **FAC:** 355.15 **FAF:** TRNER **DIST FAF TO MAP:** 4.99 **DIST FAF TO THLD:** 4.99
4. **MIN ALT:** LAZEE 4800, TRNER 4800, GICEY/1.60NM TO RW35 3720
5. **DIST TO THLD FROM FAF:** **MM:** **IM:** **150 HAT:** **290 HAT:** 0.79
6. **MIN GP INCPT:** 4800 **GP ALT AT FAF:** 4800 **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** IS NOT CLEAR **20:1:** IS CLEAR **TCH:** 40.0

8. MSA FROM: RW35 5300

PBN EQUIPMENT REQUIREMENTS NOTES:

RNP APCH - GPS

NOTES:

CHART NOTE: USE LBB ALTIMETER SETTING
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: CIRCLING NA E OF RWY 17-35.
CHART NOTE: CHART NOTE: CIRCLING RWY 17, NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 280.28 INBOUND
CHART NOTE: BARO-VNAV NA.
CHART LBB ASOS
CHART FAS OBST: 3278 ANTENNA 332805.64N/1014919.90W
3400 AAO 332339N/1015006W
WAAS CHANNEL #91519
REFERENCE PATH ID: W35A
LTP HAE: 941.4 M
CIRCLING: CAT A MDA 3700, VIS 1, HAA 524; CAT B MDA 3740, VIS 1, HAA 564; CAT C MDA 4580, VIS 3, HAA 1404, CAT D NA
NON-FAA PROCEDURE

MINIMUMS:

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

ALTERNATE: NA ☒

CATEGORY:

FINAL TYPE	DA/MDA	A VIS	HAT/HAA	DA/MDA	B VIS	HAT/HAA	DA/MDA	C VIS	HAT/HAA	DA/MDA	D VIS	HAT/HAA	DA/MDA	E VIS	HAT/HAA
LPV DA	3462	7/8	290	3462	7/8	290	3462	7/8	290		NA				
LNAV/VNAV DA	3469	7/8	297	3469	7/8	297	3573	1 1/8	401		NA				
LNAV/VNAV DA *		NA			NA		3469	7/8	297		NA				
LNAV MDA	3580	1	408	3580	1	408	3720	1 5/8	548		NA				
LNAV MDA *		NA			NA		3580	1 1/8	408		NA				

CHANGES - REASONS:

ORIGINAL PROCEDURE
FORM DISCREPANCY DOES NOT ALLOW FOR CRITERIA ALLOWED SIX LINES OF MINIMUMS. CIRCLING MINIMUMS HAVE BEEN RECORDED IN ADDITIONAL FLIGHT DATA USING METHODOLOGY FOR CAT II ILS.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: LBB APP CON

FLIGHT CHECKED BY

BEN ANDERSON

Ben Anderson Digitally signed by Ben Anderson
Date: 2024.08.22 21:34:36 -04'00'

OFFICE

HAC

DATE

7/1/2024

DEVELOPED BY

TONY LAWSON

Tony Lawson Digitally signed by Tony Lawson
Date: 2024.08.22 21:34:56 -04'00'

OFFICE

HAC

DATE

12/19/2023

APPROVED BY

TONY LAWSON

Tony Lawson Digitally signed by Tony Lawson
Date: 2024.08.22 21:35:21 -04'00'

OFFICE

HAC

DATE

TITLE
CHIEF DESIGNER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	F82
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	332839.1070
LTP/FTP LONGITUDE	1014849.0980
LTP/FTP ELLIPSOIDAL HEIGHT	+09414
FPAP LATITUDE	333008.3725
FPAP LONGITUDE	1014848.8180
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1296
HORIZONTAL ALERT LIMIT (HAL)	40
VERTICAL ALERT LIMIT (VAL)	50
<u>CRC REMAINDER</u>	181CEE7D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+09662
FPAP ORTHOMETRIC HIEGHT	+09662

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
F82	RNAV (GPS) RWY 35	ORIG	LUBBOCK	TX	3176	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM HEPNA **TO** LAZEE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>						<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
	10.00											
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>			
1. TOWER (48-025684)	331820.84N/1020057.36W	3558	20	3	1A	1000						4600
2. TERRAIN	331906.00N/1020024.00W	3274(3300)								AS1500		4800

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM FUSEE **TO** LAZEE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>						<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
	10.00											
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>			
3. WINDMILL (48-166744)	331836.18N/1013924.05W	3577	250	50	4D	1000				AT223		4800
4. TERRAIN	331615.00N/1015030.00W	3169(3200)								AS1500		4700

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE: (IF/IAF)

FROM LAZEE **TO** TRNER

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
	6.00				

<u>AIRPORT ID</u> F82	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>AMDT NO.</u> ORIG	<u>CITY</u> LUBBOCK	<u>STATE</u> TX	<u>AIRPORT ELEVATION</u> 3176	<u>FACILITY</u> RNAV
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5. TOWER (48-011274)	331926.00N/1014817.00W	3561	500	50	5D	500				DG739	4800
6. TERRAIN	332100.00N/1015248.00W	3225(3200)								AS1500	4700

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:

FINAL: LPV

<u>FROM</u> TRNER	<u>TO</u> RW35
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<u>RNP</u>	<u>DISTANCE</u> 4.99	<u>PAT</u>	<u>MAP</u> DA	<u>HAT</u> 290	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
7. AG_EQUIP (48-205956)	332837.01N/1014846.57W	3187	20	3	1A		34:1			RA40	3462

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:

FINAL: LNAV/VNAV

<u>FROM</u> TRNER	<u>TO</u> RW35
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<u>RNP</u>	<u>DISTANCE</u> 4.99	<u>PAT</u>	<u>MAP</u> DA	<u>HAT</u> 297	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
8. TOWER (48-126780)	332805.64N/1014919.90W	3279	20	3	1A	150				RA40	3469

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:

CAT A AND B

FINAL: LNAV/VNAV

FROM

TRNER

TO

RW35

RNP	DISTANCE	PAT	MAP	HAT	HMAS	OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
	4.99		DA	297		8. TOWER (48-126780)	332805.64N/1014919.90W	3278	20	3	1A	150		241	4400	RA40	3469

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:
CAT C.

FINAL: LNAV/VNAV

FROM

TRNER

TO

RW35

RNP	DISTANCE	PAT	MAP	HAT	HMAS	OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
	4.99		DA	401		8. TOWER (48-126780)	332805.64N/1014919.90W	3278	20	3	1A	150				RA40 MA105	3573

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:
CAT C

FINAL: LNAV

FROM

TRNER

TO

GICEY/1.54 NM TO RW35

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	3.45				

AIRPORT ID

F82

PROCEDURE NAME

RNAV (GPS) RWY 35

AMDT NO.

ORIG

CITY

LUBBOCK

STATE

TX

AIRPORT ELEVATION

3176

FACILITY

RNAV

OBSTRUCTION

COORDINATES

ELEV MSL

HORZ

VERT

AC

ROC

OCS

CG

CGTA

ADJUSTMENTS

MIN ALT

9. AAO

332454.00N/1014900.00W

3375

50

20

2C

250

RA40 DG55

3720

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM

GICEY/1.54 NM TO RW35

TO

RW35

RNP

DISTANCE

PAT

MAP

HAT

HMAS

1.54

RW35

408

OBSTRUCTION

COORDINATES

ELEV MSL

HORZ

VERT

AC

ROC

OCS

CG

CGTA

ADJUSTMENTS

MIN ALT

8. ANTENNA (48-126780)

332805.64N/1014919.90W

3278

20

3

1A

250

RA40

3580

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CAT A AND B

FINAL: LNAV STEPDOWN

FROM

GICEY/1.54 NM TO RW35

TO

RW35

RNP

DISTANCE

PAT

MAP

HAT

HMAS

1.54

RW35

408

OBSTRUCTION

COORDINATES

ELEV MSL

HORZ

VERT

AC

ROC

OCS

CG

CGTA

ADJUSTMENTS

MIN ALT

8. ANTENNA (48-126780)

332805.64N/1014919.90W

3278

20

3

1A

250

241

4400

RA40

3580

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CAT C

FINAL: LNAV STEPDOWN

FROM

GICEY/1.54 NM TO RW35

TO

RW35

RNP	DISTANCE	PAT	MAP	HAT	HMAS							
	1.54		RW35	548								
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT	
8. ANTENNA (48-206209)	332805.64N/1014919.90W	3278	20	3	1A	250				RA40 MA152	3720	

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:
CAT C

HOLD-IN-LIEU-OF-PT

FROM

LAZEE

TO

P6

RNP	DISTANCE	PAT	MAP	HAT	HMAS							
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT	
10. WINDMILL (48-146039)	331210.72N/1014613.32W	3611	250	50	4D	1000				AT189	4800	
11. TERRAIN	331848.00N/1015336.00W	3238(3200)								AS1500	4700	

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH LPV

FROM

DA

TO

BAGLY

RNP	DISTANCE	PAT	MAP	HAT	HMAS							
			DA	290	3234							

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
						ASC					6700
12. TOWER (48-000392)	333231.00N/1015017.00W	4016	250	50	4D	1000					5100
13. TERRAIN	333436.00N/1014715.00W	3225(3200)								AS1500	4700
COMPUTATIONS											
	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH LNAV/VNAV CAT C CG/CGTA

FROM						TO					
DA						BAGLY					
RNP	DISTANCE	PAT	MAP	HAT	HMAS						
			DA	297	3279						
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
12. TOWER (48-000392)	333231.00N/1015017.00W	4016	250	50	4D		40:1	241	4400	AC50	6700
12. TOWER (48-000392)	333231.00N/1015017.00W	4016	250	50	4D	1000					5100
13. TERRAIN	333436.00N/1014715.00W	3225(3200)								AS1500	4700
COMPUTATIONS											
	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH LNAV/VNAV CAT C

FROM						TO					
DA						BAGLY					
RNP	DISTANCE	PAT	MAP	HAT	HMAS						
			DA	401	3287						
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
12. TOWER (48-000392)	333231.00N/1015017.00W	4016	250	50	4D		40:1			AC50	6700
12. TOWER (48-000392)	333231.00N/1015017.00W	4016	250	50	4D	1000					5100
13. TERRAIN	333436.00N/1014715.00W	3225(3200)								AS1500	4700
COMPUTATIONS											
	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH LNAV/VNAV

FROM						TO							
DA						BAGLY							
RNP	DISTANCE		PAT		MAP	HAT		HMAS					
					DA		297		3287				
OBSTRUCTION	COORDINATES			ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC					6700
12. TOWER (48-000392)	333231.00N/1015017.00W			4016	250	50	4D	1000					5100
13. TERRAIN	333436.00N/1014715.00W			3225(3200)								AS1500	4700
COMPUTATIONS													
	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE	

SEGMENT REMARKS:
CAT A&B

MISSED APPROACH LNAV CAT C CG/CGTA

FROM						TO																			
RW35						BAGLY																			
RNP		DISTANCE		PAT		MAP		HAT		HMAS															
						RW35		408		3440															
OBSTRUCTION		COORDINATES		ELEV MSL		HORZ		VERT		AC		ROC		OCS		CG		CGTA		ADJUSTMENTS		MIN ALT			
12. TOWER (48-000392)		333231.00N/1015017.00W		4016		250		50		4D				40:1		241		4400		AC50		6700			
12. TOWER (48-000392)		333231.00N/1015017.00W		4016		250		50		4D		1000										5100			
13. TERRAIN		333436.00N/1014715.00W		3225(3200)																AS1500		4700			
COMPUTATIONS																									
		ALT		KIAS		KTAS		HAA		VKTW		TR		BA		DTA		COURSE CHANGE		DVEB		VEB OCS		RF CENTER FIX/DISTANCE	

SEGMENT REMARKS:
CAT C CG/CGTA

MISSED APPROACH LNAV CAT C

FROM			TO		
RW35			BAGLY		
<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
			RW35	548	3440

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
F82	RNAV (GPS) RWY 35	ORIG	LUBBOCK	TX	3176	RNAV

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
12. TOWER (48-000392)	333231.00N/1015017.00W	4016	250	50	4D	ASC				AC50	6700
12. TOWER (48-000392)	333231.00N/1015017.00W	4016	250	50	4D	1000					5100
13. TERRAIN	333436.00N/1014715.00W	3225(3200)								AS1500	4700
<u>COMPUTATIONS</u>											
	<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u> <u>RF CENTER FIX/DISTANCE</u>

SEGMENT REMARKS:
LNAV CAT C

MISSED APPROACH LNAV

FROM						TO								
RW35						BAGLY								
RNP		DISTANCE		PAT		MAP		HAT		HMAS				
						RW35		408		3440				
OBSTRUCTION		COORDINATES		ELEV MSL		HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
									ASC					6700
12. TOWER (48-000392)		333231.00N/1015017.00W		4016		250	50	4D	1000					5100
13. TERRAIN		333436.00N/1014715.00W		3225(3200)									AS1500	4700
COMPUTATIONS														
		ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE		DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:
CAT A&B. LEVEL SURFACE AND TERRAIN IS SHARED BY ALL LINES OF MINIMUMS

<u>CIRCLING</u>											
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>RADIUS</u>	<u>HAA</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
<u>CATEGORY A</u>											
14. TRANSMISSION_LINE (48-206122)	333043.93N/1014846.92W	1.35	524	3346	20	3	1A	300		RA40	3700
<u>CATEGORY B</u>											
15. TOWER (48-012378)	332831.07N/1015032.74W	1.92	564	3382	20	3	1A	300		RA40	3740
<u>CATEGORY C</u>											
16. TOWER (48-001648)	333007.94N/1015221.37W	3.07	1364	4182	250	50	4D	300		AC50 RA40	4580
<u>CIRCLING REMARKS:</u>											

<u>MSA</u>	
<u>CENTER</u>	<u>RADIUS</u>
RW35	25.00

<u>SECTOR</u>	<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>BEARING</u>	<u>DISTANCE</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
360-360	TOWER (48-001648)	333007.94N/1015221.37W	292	3.3	4282	250	50	4D	1000		5300

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

KLBB APP CON, ZFW

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>
ASOS	KLBB	24	KLBB	10.79	Y	40
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME

KLBB 3282, KF82 3176

RA= 39.8

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
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<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW17 - HIRL (PCL)	NPI-G	
RW35 - HIRL (PCL)	NPI-G	

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
3.00	3169.8	40.0				

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	385.00
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE		

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
-21C	+54C	-21C	+8.71C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD DEVIATION -30C ISA DEVIATION

CRITICAL LOW TEMPERATURE BASED ON ACT

DESCENT RATE (PFM): STANDARD TEMP 855 HIGH TEMP 1216

"VISUAL PORTION OF FINAL" PENETRATIONS

	LPV
20:1	
	35
CLEAR	
34:1	
	35
3183 TRAVERSE WAY (48-205882)	332834.14N/1014846.99W (4.33)
3182 TRAVERSE WAY (48-206372)	332834.12N/1014849.06W (3.26)
3182 TRAVERSE WAY (48-206251)	332834.12N/1014849.34W (3.26)
3182 TRAVERSE WAY (48-206802)	332834.10N/1014849.67W (3.19)
3182 TRAVERSE WAY (48-206257)	332834.10N/1014851.52W (3.19)

	LNAV/VNAV
20:1	
	35
CLEAR	
34:1	
	35
3183 TRAVERSE WAY (48-205882)	332834.14N/1014846.99W (4.33)
3182 TRAVERSE WAY (48-206372)	332834.12N/1014849.06W (3.26)
3182 TRAVERSE WAY (48-206251)	332834.12N/1014849.34W (3.26)
3182 TRAVERSE WAY (48-206802)	332834.10N/1014849.67W (3.19)
3182 TRAVERSE WAY (48-206257)	332834.10N/1014851.52W (3.19)

	LNAV
20:1	
	35
CLEAR	
34:1	
	35
3183 TRAVERSE WAY (48-205882)	332834.14N/1014846.99W (4.33)
3182 TRAVERSE WAY (48-206372)	332834.12N/1014849.06W (3.26)
3182 TRAVERSE WAY (48-206251)	332834.12N/1014849.34W (3.26)
3182 TRAVERSE WAY (48-206802)	332834.10N/1014849.67W (3.19)
3182 TRAVERSE WAY (48-206257)	332834.10N/1014851.52W (3.19)

	CIRCLING
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20:1

17

3177 TERRAIN (48-205839) 332927.71N/1014851.23W (1.19)

20:1

35

CLEAR

34:1

PENETRATIONS REMARKS:

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

TAA NOT DEVELOPED PER ATC REQUEST.

VDP NOT ESTABLISHED REMOTE ALTIMETER.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

OBS 48-126780 WAS UPDATED BASED ON UPDATED SURVEY OBS 48-206209. ODT KEPT THE ORIGINAL OBS NUMBER AND REMOVED 48-206209 AS A DUPLICATE.

ORDER 8260.3 CHAPTER 2 APPLIED TO 3400 AAO 332339N/1015006W

WAIVER ON FILE TO ALLOW RW17 OPERATIONS AT NIGHT WITH TERRAIN 20:1 PENETRATIONS.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	2.99
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.2
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	0.15
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	3200
DISTANCE FROM	THLD	TO 1500FT POINT	4.79
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	0.15
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	3200
THRESHOLD COORDINATES (IF STR-IN)	332839.11N/1014849.10W		
ARP COORDINATES	332901.60N/1014846.96W		
RUNWAY APCH END AND DIST FURTHEST FROM ARP	35/0.44NM		
FAF COORDINATES	332338.98N/1014850.04W		
FIX NAME COORDINATES	FAF: TRNER		
REMARKS			

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
TONY LAWSON	HAC	12/19/2023	CHIEF DESIGNER