



To: Flight Procedures & Airspace Group (AFS-420)

July 29, 2024

LUBBOCK EXEC AIRPARK (F82) LUBBOCK, TX RNAV (GPS) RWY 35, ORIG is submitted for processing and submission to AMC-AJV-IFP-ProdCoordTeam@faa.gov and 9-AMC-AJW-TL@faa.gov for publication. Request publication in the {OCT 31, 2024} Terminal Procedures Publication.

Sincerely,

A handwritten signature in black ink, appearing to read 'Tony Lawson', written in a cursive style.

Tony Lawson
Chief Designer
Hughes Aerospace Corporation
Mobile: 405.642.9740
Tony.lawson@hughesaerospace.com

Enclosures:

TX_F82_RNAV (GPS) RWY 35_ORIG_F
TX_F82_RNAV (GPS) RWY 35_ORIG_S
TX_F82_RNAV (GPS) RWY 35_ORIG_8260-2
TX_F82_RNAV (GPS) RWY 35_ORIG_AFS
ARI CODING FILE

PROTOTYPE - NOT FOR NAVIGATION

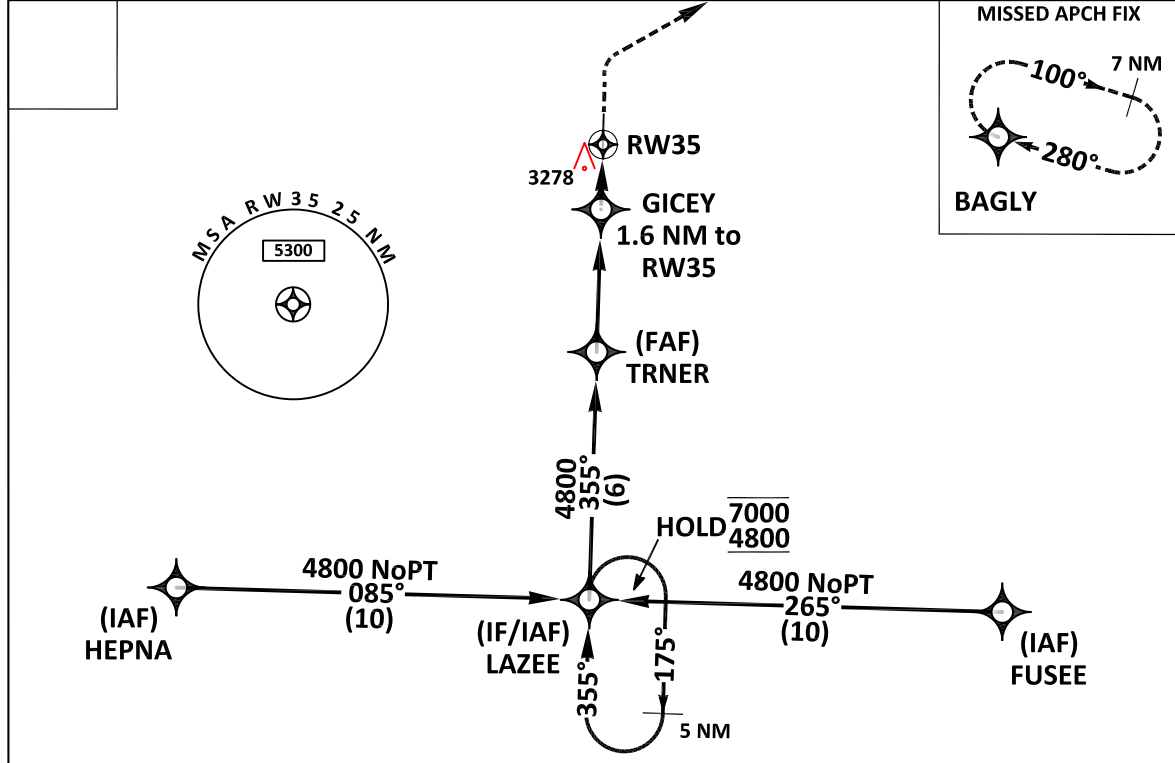
LUBBOCK, TEXAS

RNAV (GPS) RWY 35 LUBBOCK EXEC AIRPARK (F82)

WAAS CH 91519 W35A	APP CRS 355°	Rwy Idg TDZE Apt Elev	4758 3172 3176
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RNP APCH - GPS	Use LBB altimeter setting. RWY 35 helicopter visibility reduction below $\frac{3}{4}$ SM not authorized. Circling NA east of Rwy 17-35. Baro-VNAV NA.	MISSED APPROACH: 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.
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LUBBOCK APP CON 119.2 351.8	CLNC DEL (FORT WORTH CENTER) 817-858-7584	UNICOM 122.8
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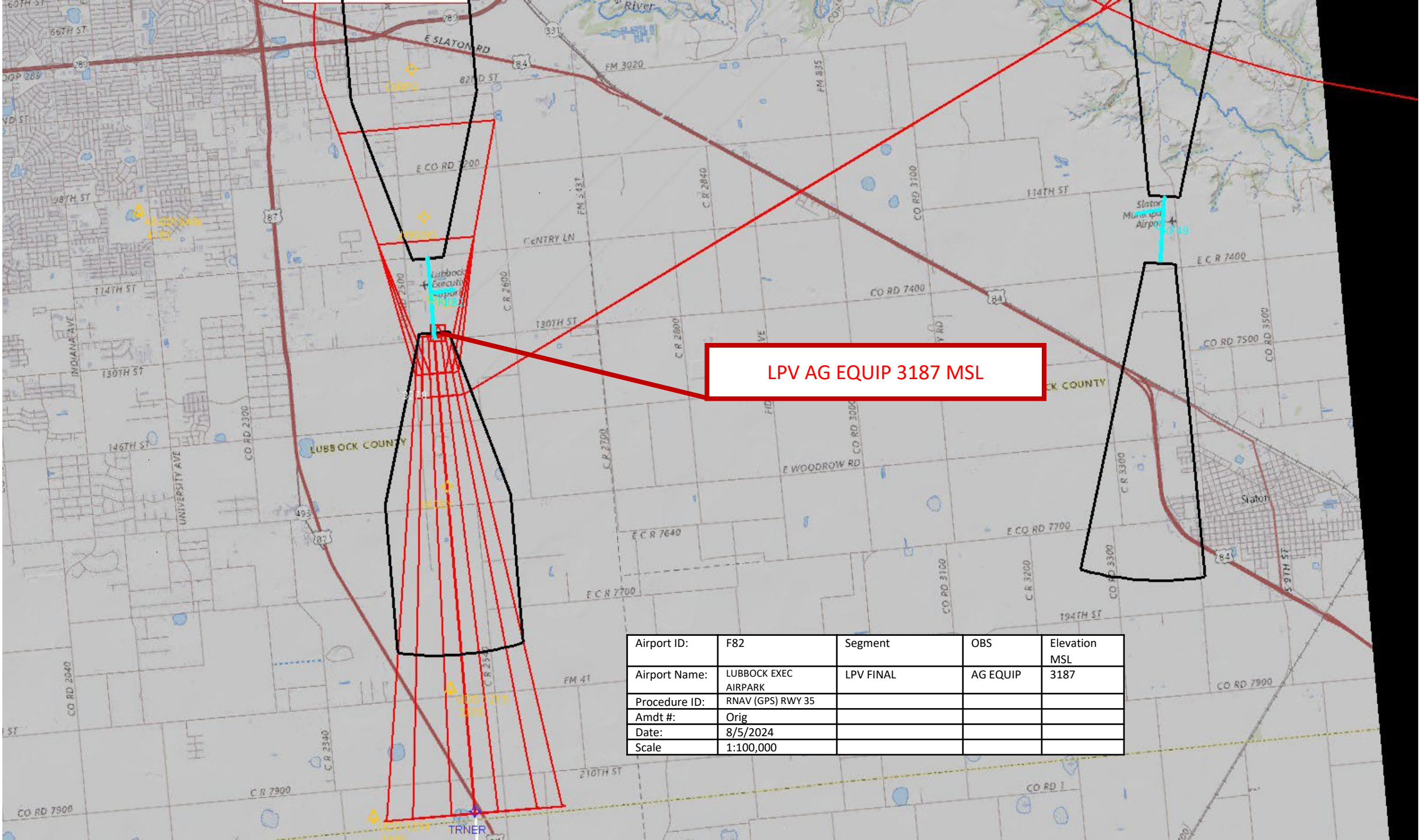
LAZEE		TRNER	GICEY	3900	6700	BAGLY
7000		4800	4800	3720		
175°		355°	355°	3.00°		
5NM				TCH 40		
Holding Pattern				3720		
6 NM		3.4 NM	1.6 NM			
CATEGORY	A	B	C			
LPV DA	3462 - 7/8 290 (300 - 7/8)					
LNAV/VNAV DA	3469 - 7/8 297 (300 - 7/8)			3573 - 1 1/8 401 (500 - 1 1/8)		
LNAV/VNAV DA*	NA			3469 - 7/8 297 (300 - 7/8)		
LNAV MDA	3580 - 1 408 (500 - 1)			3720 - 1 5/8 548 (600 - 1 5/8)		
LNAV MDA*	NA			3580 - 1 1/8 408 (500 - 1 1/8)		
CIRCLING	3700 - 1 524 (600 - 1)			4580 - 3 1404 (1400 - 3)		

LUBBOCK, TEXAS
Orig FIG

33°29'N-101°49'W

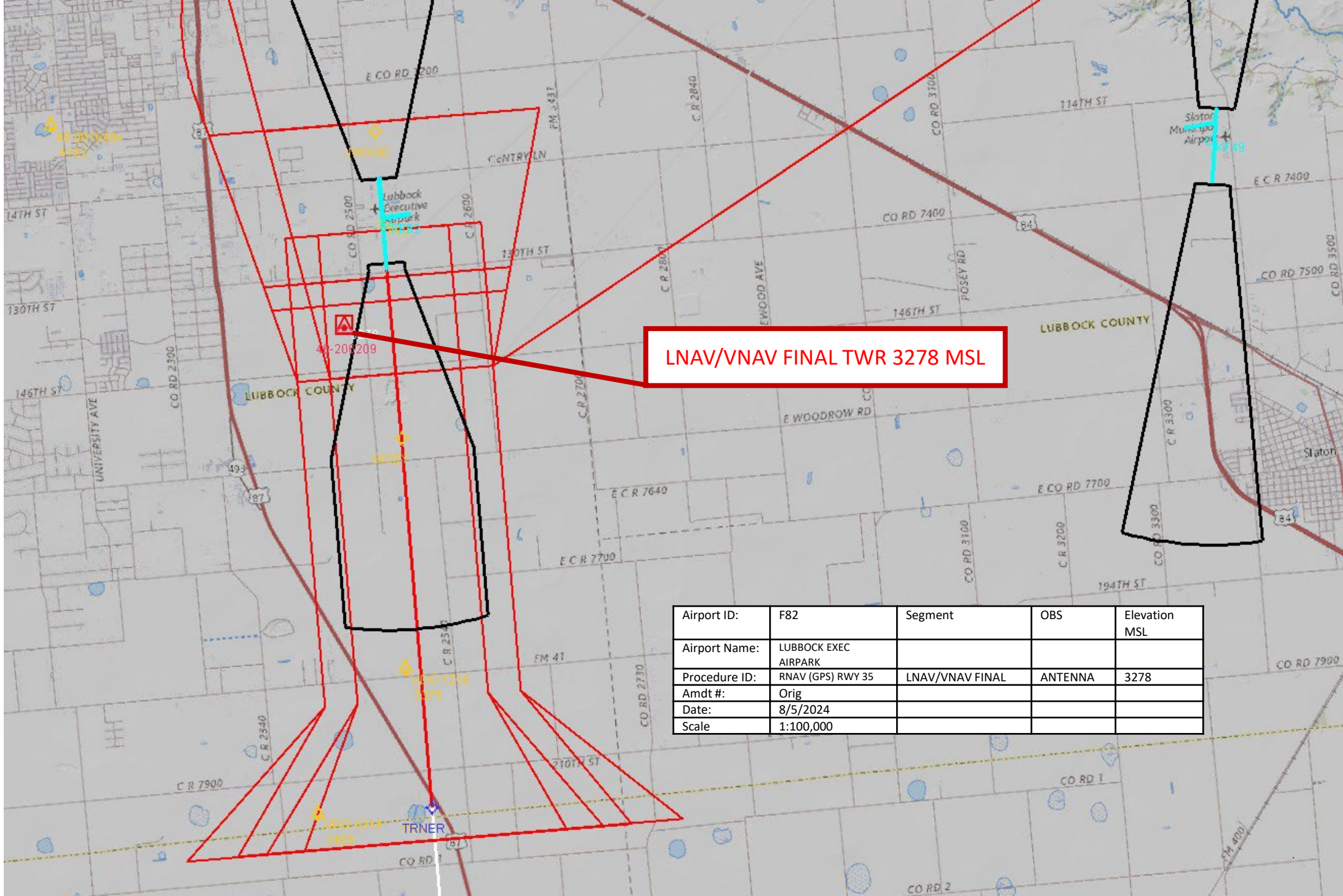
LUBBOCK EXEC AIRPARK
(F82)

RNAV (GPS) RWY 35



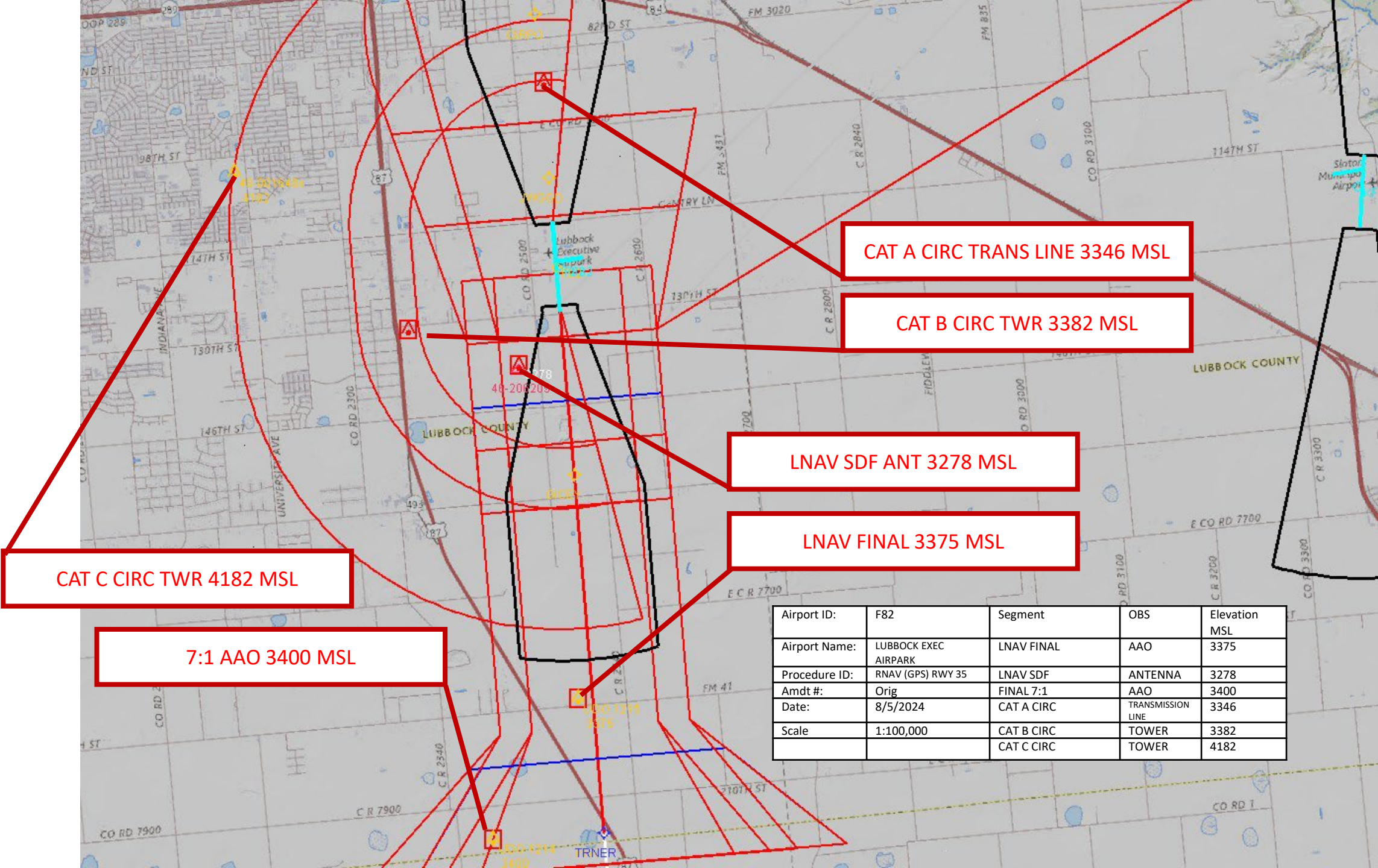
LPV AG EQUIP 3187 MSL

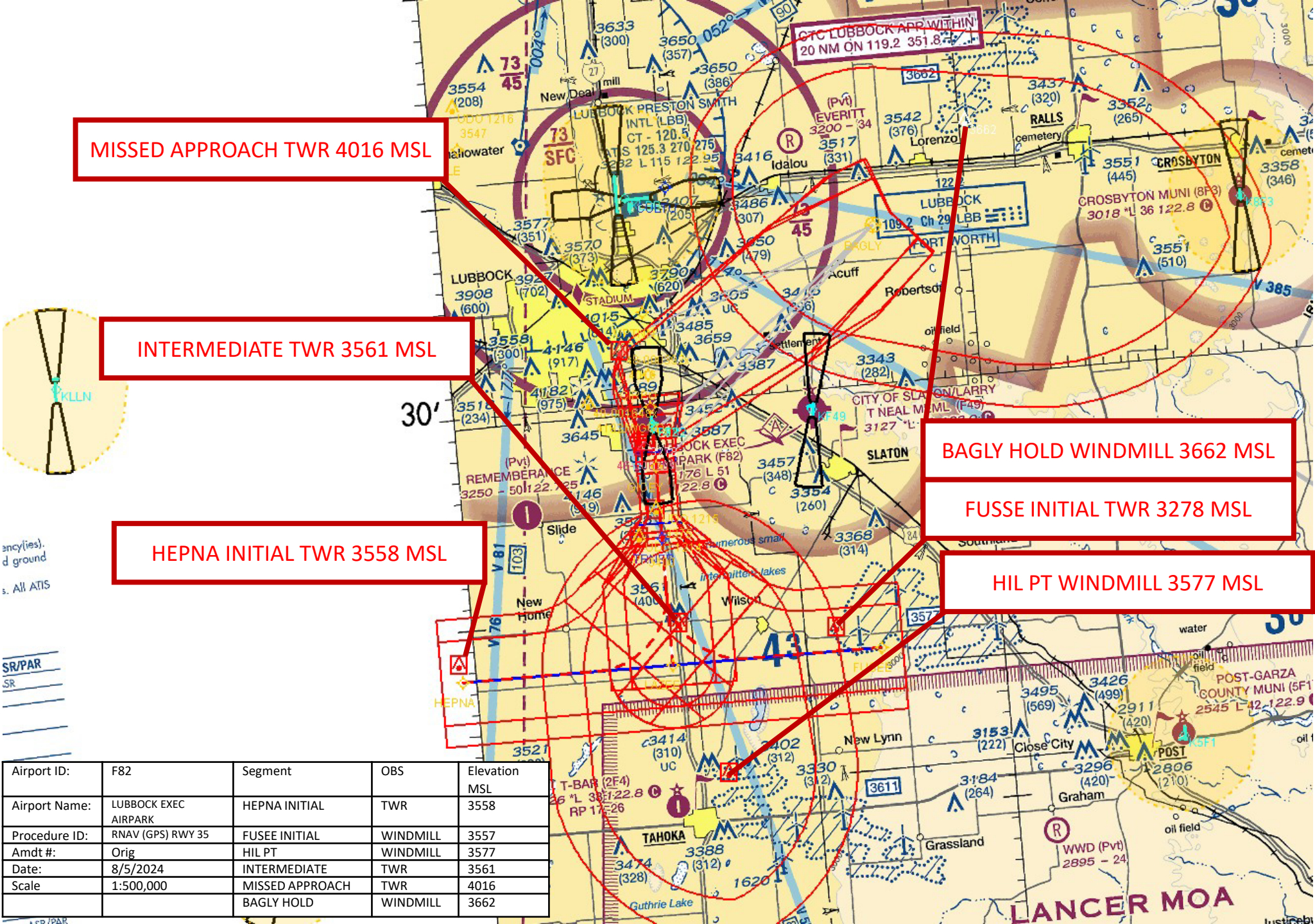
Airport ID:	F82	Segment	OBS	Elevation MSL
Airport Name:	LUBBOCK EXEC AIRPARK	LPV FINAL	AG EQUIP	3187
Procedure ID:	RNAV (GPS) RWY 35			
Amdt #:	Orig			
Date:	8/5/2024			
Scale	1:100,000			



LNAV/VNAV FINAL TWR 3278 MSL

Airport ID:	F82	Segment	OBS	Elevation MSL
Airport Name:	LUBBOCK EXEC AIRPARK			
Procedure ID:	RNAV (GPS) RWY 35	LNAV/VNAV FINAL	ANTENNA	3278
Amdt #:	Orig			
Date:	8/5/2024			
Scale	1:100,000			





Airport ID:	F82	Segment	OBS	Elevation MSL
Airport Name:	LUBBOCK EXEC AIRPARK	HEPNA INITIAL	TWR	3558
Procedure ID:	RNAV (GPS) RWY 35	FUSEE INITIAL	WINDMILL	3557
Amdt #:	Orig	HIL PT	WINDMILL	3577
Date:	8/5/2024	INTERMEDIATE	TWR	3561
Scale	1:500,000	MISSED APPROACH	TWR	4016
		BAGLY HOLD	WINDMILL	3662

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
OBSTACLE ASSESSMENT CHECKLIST**

1. DATE <u>7/1/2024</u>	2. ORGANIZATION <u>HUGHES AEROSPACE CORPORATION</u>	
3. AIRPORT <u>F82</u>	4. PROCEDURE <u>RNAV (GPS) RWY 35</u>	5. AMEND # <u>ORIG</u>
6. AIRCRAFT TYPE <u>TBM850</u>	7. FMS / SOFTWARE <u>GTN 750 Version 6.5.2</u>	
8. PIC NAME / PHONE <u>BEN ANDERSON 281-655-3330</u>	9. EVALUATOR NAME / PHONE <u>BEN ANDERSON 281-655-3330</u>	

TERPS BIENNIAL REVIEW			
31. BIENNIAL	<u>NA</u>	32. DATE BIENNIAL COMPLETE	<u>NA</u>
OBSTACLE ASSESSMENT TASKS			
33 EQUIPMENT ACCURACY VERIFIED	<u>YES</u>		
IAP SEGMENT CHECKS			
TRANS <u>HEPNA</u>			
34. DOCUMENTED CONTROLLING OBSTACLE VERIFIED	<u>YES</u>	35. CONTROLLING OBSTACLE MOST ADVERSE	<u>YES</u>
TRANS <u>FUSEE</u>			
34. DOCUMENTED CONTROLLING OBSTACLE VERIFIED	<u>YES</u>	35. CONTROLLING OBSTACLE MOST ADVERSE	<u>YES</u>
TRANS <u>LAZEE</u>			
34. DOCUMENTED CONTROLLING OBSTACLE VERIFIED	<u>YES</u>	35. CONTROLLING OBSTACLE MOST ADVERSE	<u>YES</u>
FINAL			
34. DOCUMENTED CONTROLLING OBSTACLE VERIFIED	<u>YES</u>	35. CONTROLLING OBSTACLE MOST ADVERSE	<u>YES</u>
MISSED APPROACH			
34. DOCUMENTED CONTROLLING OBSTACLE VERIFIED	<u>YES</u>	35. CONTROLLING OBSTACLE MOST ADVERSE	<u>YES</u>

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
OBSTACLE ASSESSMENT CHECKLIST**

HOLDING

34. DOCUMENTED CONTROLLING OBSTACLE
VERIFIED

YES

35. CONTROLLING OBSTACLE MOST ADVERSE

YES

IAP VISUAL SEGMENT

**VISUAL SEGMENT OR COPTER
PROCEED VISUALLY/VFR AREA**

36. VERIFIED CLEAR

YES

37. APPROPRIATE MITIGATIONS IN PLACE IF NOT CLEAR NA

STAR SEGMENT CHECKS

EN ROUTE TRANS

34. DOCUMENTED CONTROLLING OBSTACLE
VERIFIED

35. CONTROLLING OBSTACLE MOST ADVERSE

COMMON ROUTE

34. DOCUMENTED CONTROLLING OBSTACLE
VERIFIED

35. CONTROLLING OBSTACLE MOST ADVERSE

RWY TRANS

34. DOCUMENTED CONTROLLING OBSTACLE
VERIFIED

35. CONTROLLING OBSTACLE MOST ADVERSE

DEPARTURE SEGMENT CHECKS

ICA OR COPTER PROCEED VISUALLY

34. DOCUMENTED CONTROLLING OBSTACLE
VERIFIED

36. VERIFIED CLEAR

35. CONTROLLING OBSTACLE MOST ADVERSE

37. APPROPRIATE MITIGATIONS IN PLACE IF
NOT CLEAR

RWY TRANS

34. DOCUMENTED CONTROLLING OBSTACLE
VERIFIED

36. VERIFIED CLEAR

35. CONTROLLING OBSTACLE MOST ADVERSE

37. APPROPRIATE MITIGATIONS IN PLACE IF
NOT CLEAR

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
OBSTACLE ASSESSMENT CHECKLIST**

COMMON ROUTE

34. DOCUMENTED CONTROLLING OBSTACLE
VERIFIED _____

35. CONTROLLING OBSTACLE MOST ADVERSE _____

TRANS _____

34. DOCUMENTED CONTROLLING OBSTACLE
VERIFIED _____

35. CONTROLLING OBSTACLE MOST ADVERSE _____

OBSTRUCTION DISCREPENCIES

38. OBSTACLE IN DATABASE DOES NOT EXIST

OBSTACLE ID _____

HEIGHT MSL/AGL _____

COORDINATES _____

SUPPORTING DOC _____

39. OBSTACLE NOT IN DATABASE

OBSTACLE ID _____

HEIGHT MSL/AGL _____

COORDINATES _____

SUPPORTING DOC _____

40. OBSTACLE DATA INCORRECT

OBSTACLE ID _____

HEIGHT MSL/AGL _____

COORDINATES _____

SUPPORTING DOC _____

OBSTRUCTION NOTIFICATION

41. OBSTACLE DATA DISCREPENCIES SENT TO NFDC _____

42. DATE SENT _____

51. EVALUATOR NOTES

53. PROCEDURE SAT _____

54. EVALUATOR SIGNATURE

Ben Anderson Digitally signed by Ben Anderson
Date: 2024.07.03 10:46:16 -05'00'

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
FLIGHT VALIDATION CHECKLIST**

1. DATE <u>7/1/2024</u>	2. ORGANIZATION <u>HUGHES AEROSPACE CORPORATION</u>	
3. AIRPORT <u>F82</u>	4. PROCEDURE <u>RNAV (GPS) RWY 35</u>	5. AMEND # <u>ORIG</u>
6. AIRCRAFT TYPE <u>TBM850</u>	7. FMS / SOFTWARE <u>GTN 750 Version 6.52</u>	
8. PIC NAME / PHONE <u>BEN ANDERSON 281-655-3330</u>	9. EVALUATOR NAME / PHONE <u>BEN ANDERSON 281-655-3330</u>	

FLIGHT VALIDATION TASKS			
10. FMS NAV DATA AND SOURCE COMPARISON SAT	YES	43. SIMULATOR AND OBSTACLE NOTES REVIEWED	YES
11. IAP ASSESSED TO DA / MDA	YES	44. AIR / GROUND COMMUNICATIONS SATISFACTORY	YES
12. DP / MISSED APPROACH ASSESSED AT MINIMUM CLIMB GRADIENTS	YES	45. RADAR COVERAGE ADEQUATE	YES
15. FLYABILITY SATISFACTORY	YES	46. ADEQUATE NAVIGATION PERFORMANCE ACHIEVED	YES
33. EQUIPMENT ACCURACY VERIFIED	YES	47. RUNWAY MARKINGS / FEATURES VERIFIED	YES
35. DOCUMENTED CONTROLLING OBSTACLE MOST ADVERSE	YES	48. FAS DATA BLOCK SATISFACTORY	YES

CHARTING CHECKLIST			
16. CHART DETAIL SATISFACTORY	YES	20. TEMPERATURE LIMIT NOTED	NO
17. RNP < 1.0 IN MISSED APPROACH NOTED	NO	21. AIRCRAFT SIZE NOTED	NO
18. NON-STANDARD SPEED / CLIMB NOTED	NO	22. CHART MATCHES FLIGHT TRACK	YES
19. RF LEGS NOTED	NO		

IAP SEGMENT CHECKS					
TRANS <u>HEPNA</u>					
24. COURSES <u>P</u>	25. DISTANCES <u>P</u>	27. TAWS <u>P</u>			
28. CONSTRAINTS MET <u>YES</u>	29. WIND COMP <u>170@36 KTS</u>	30. RF BANK ANGLE <u>NA</u>			

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
FLIGHT VALIDATION CHECKLIST**

TRANS FUSEE

24. COURSES P _____ 25. DISTANCES P _____ 27. TAWS P _____
 28. CONSTRAINTS MET YES _____ 29. WIND COMP 180@39 KTS _____ 30. RF BANK ANGLE NA _____

TRANS LAZEE

24. COURSES P _____ 25. DISTANCES P _____ 27. TAWS P _____
 28. CONSTRAINTS MET YES _____ 29. WIND COMP 160@22 KTS _____ 30. RF BANK ANGLE NA _____

FINAL

24. COURSES P _____ 25. DISTANCES P _____ 26. FPA P _____ 27. TAWS P _____
 28. CONSTRAINTS MET YES _____ 29. WIND COMP 180@27 KTS _____ 30. RF BANK ANGLE NA _____

MISSED APPROACH

24. COURSES P _____ 25. DISTANCES P _____ 27. TAWS P _____
 28. CONSTRAINTS MET YES _____ 29. WIND COMP 170@22 KTS _____ 30. RF BANK ANGLE NA _____

HOLDING

24. COURSES P _____ 25. DISTANCES P _____ 27. TAWS P _____
 28. CONSTRAINTS MET YES _____ 29. WIND COMP 190@22 KTS _____ 30. RF BANK ANGLE NA _____

49. VISUAL SEGMENT SAT _____ 50. NIGHT EVALUATION SAT _____

STAR SEGMENT CHECKS

EN ROUTE TRANS

24. COURSES _____ 25. DISTANCES _____ 27. TAWS _____
 28. CONSTRAINTS MET _____ 29. WIND COMP _____ 30. RF BANK ANGLE _____

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
FLIGHT VALIDATION CHECKLIST**

COMMON ROUTE

24. COURSES _____ 25. DISTANCES _____ 27. TAWS _____
28. CONSTRAINTS MET _____ 29. WIND COMP _____ 30. RF BANK ANGLE _____

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-

RWY TRANS

24. COURSES _____ 25. DISTANCES _____ 27. TAWS _____
28. CONSTRAINTS MET _____ 29. WIND COMP _____ 30. RF BANK ANGLE _____

DEPARTURE SEGMENT CHECKS

ICA OR COPTER PROCEED VISUALLY

24. COURSES _____ 25. DISTANCES _____ 27. TAWS _____
28. CONSTRAINTS MET _____ 29. WIND COMP _____ 30. RF BANK ANGLE _____

RWY TRANS

24. COURSES _____ 25. DISTANCES _____ 27. TAWS _____
28. CONSTRAINTS MET _____ 29. WIND COMP _____ 30. RF BANK ANGLE _____

COMMON ROUTE

24. COURSES _____ 25. DISTANCES _____ 27. TAWS _____
28. CONSTRAINTS MET _____ 29. WIND COMP _____ 30. RF BANK ANGLE _____

TRANS

24. COURSES _____ 25. DISTANCES _____ 27. TAWS _____
28. CONSTRAINTS MET _____ 29. WIND COMP _____ 30. RF BANK ANGLE _____

51. EVALUATOR NOTES

Operation Type 0
SBAS Provider 0 (WAAS)
Airport Identifier F82
Runway 35
Runway Letter 0 (None)

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
FLIGHT VALIDATION CHECKLIST

Approach Performance Designator 0
Route Indicator
Reference Path Data Selector 0
Reference Path Identifier W35A
LTP/FTP Latitude 332839.1070N
LTP/FTP Longitude 1014849.0985W
LTP/FTP Ellipsoidal Height (metres) 941.4
FPAP Latitude 333008.3725N
Delta FPAP Latitude (seconds) 89.2655
FPAP Longitude 1014848.8175W
Delta FPAP Longitude (seconds) 0.2810
Threshold Crossing Height 40.0
TCH Units Selector 0 (feet)
Glidepath Angle (degrees) 3.00
Course Width (metres) 106.75
Length Offset (metres) 1296
HAL (metres) 40.0
VAL (metres) 50.0
Output data
Data Block 00 20 32 38 06 23 00 00 01 35
33 17 86 F3 5D 0E 6B 6B 4E D4
C6 38 63 B9 02 32 02 00 90 01
2C 01 6B A2 C8 FA A0 37 5C 36
Calculated CRC Value A0375C36

SPECIAL TRAINING RECOMMENDATION FROM DEVELOPER

53. PROCEDURE SAT

54. EVALUATOR SIGNATURE Ben Anderson

Digitally signed by Ben Anderson
Date: 2024.07.25 10:35:55 -05'00'