



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

September 18, 2024

LAJITAS INTERNATIONAL AIRPORT (T89) LAJITAS, TX RNAV (GPS) Y RWY 25, 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 {**NOVEMBER 28, 2024**} Terminal Procedures Publication.

Sincerely,

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

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

Enclosures:

TX_T89_RNAV (GPS) Y RWY 25_F
TX_T89_RNAV (GPS) Y RWY 25_S
TX_T89_RNAV (GPS) Y RWY 25_8260-2
TX_T89_RNAV (GPS) Y RWY 25_AFS
ARI CODING FILE

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

1. DATE <u>8/24/2022</u>	2. ORGANIZATION <u>HUGHES AEROSPACE CORPORATION</u>	
3. AIRPORT <u>T89</u>	4. PROCEDURE <u>RNAV (GPS) N RWY 25</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>CHRIS BAUR 281-655-3330</u>	

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

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

IAP VISUAL SEGMENT	
VISUAL SEGMENT OR COPTER PROCEED VISUALLY/VFR AREA	
36. VERIFIED CLEAR	YES 37. APPROPRIATE MITIGATIONS IN PLACE IF NOT CLEAR _____ _____
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
_____	_____
COMMON ROUTE	
34. DOCUMENTED CONTROLLING OBSTACLE VERIFIED	35. CONTROLLING OBSTACLE MOST ADVERSE
_____	_____

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

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 _____
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51. EVALUATOR NOTES

ZAB - COMMS ABV 13200' ADS-B ABV 8600' 14NM WEST OF T89

53. PROCEDURE SAT _____

54. EVALUATOR SIGNATURE Chris Baur

Digitally signed by Chris Baur
Date: 2023.11.14 16:18:32 -06'00'

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

1. DATE <u>08/24/2022</u>	2. ORGANIZATION <u>HUGHES AEROSPACE CORPORATION</u>	
3. AIRPORT <u>T89</u>	4. PROCEDURE <u>RNAV (GPS) N RWY 25</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>CHRIS BAUR 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	NO
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	YES
18. NON-STANDARD SPEED / CLIMB NOTED	YES	22. CHART MATCHES FLIGHT TRACK	YES
19. RF LEGS NOTED	NO		

IAP SEGMENT CHECKS					
TRANS <u>MRF</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>350@ 05 KTS</u>	30. RF BANK ANGLE <u>NA</u>			

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

TRANS RUZEL

24. COURSES P _____	25. DISTANCES P _____	27. TAWS P _____
28. CONSTRAINTS MET YES _____	29. WIND COMP 350@ 10 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 250@ 12 KTS _____	30. RF BANK ANGLE NA _____	

MISSED APPROACH

24. COURSES P _____	25. DISTANCES P _____	27. TAWS P _____
28. CONSTRAINTS MET YES _____	29. WIND COMP 140@ 08KTS _____	30. RF BANK ANGLE NA _____

HOLDING

24. COURSES P _____	25. DISTANCES P _____	27. TAWS P _____
28. CONSTRAINTS MET YES _____	29. WIND COMP 350@ 10 KTS _____	30. RF BANK ANGLE NA _____

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

EN ROUTE 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 _____

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

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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			
ZAB - COMMS ABV 13200' ADS-B ABV 8600' 14NM WEST OF T89			
SPECIAL TRAINING RECOMMENDATION FROM DEVELOPER			

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
FLIGHT VALIDATION CHECKLIST

53. PROCEDURE SAT

54. EVALUATOR SIGNATURE **Chris Baur**

Digitally signed by Chris Baur
Date: 2023.11.14 16:19:40 -06'00'

LAJITAS, TEXAS

WAAS CH 72456 W25B	APP CRS 249°	Rwy ldg TDZE Apt Elev	6501 2628 2630
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RNAV (GPS) Y RWY 25

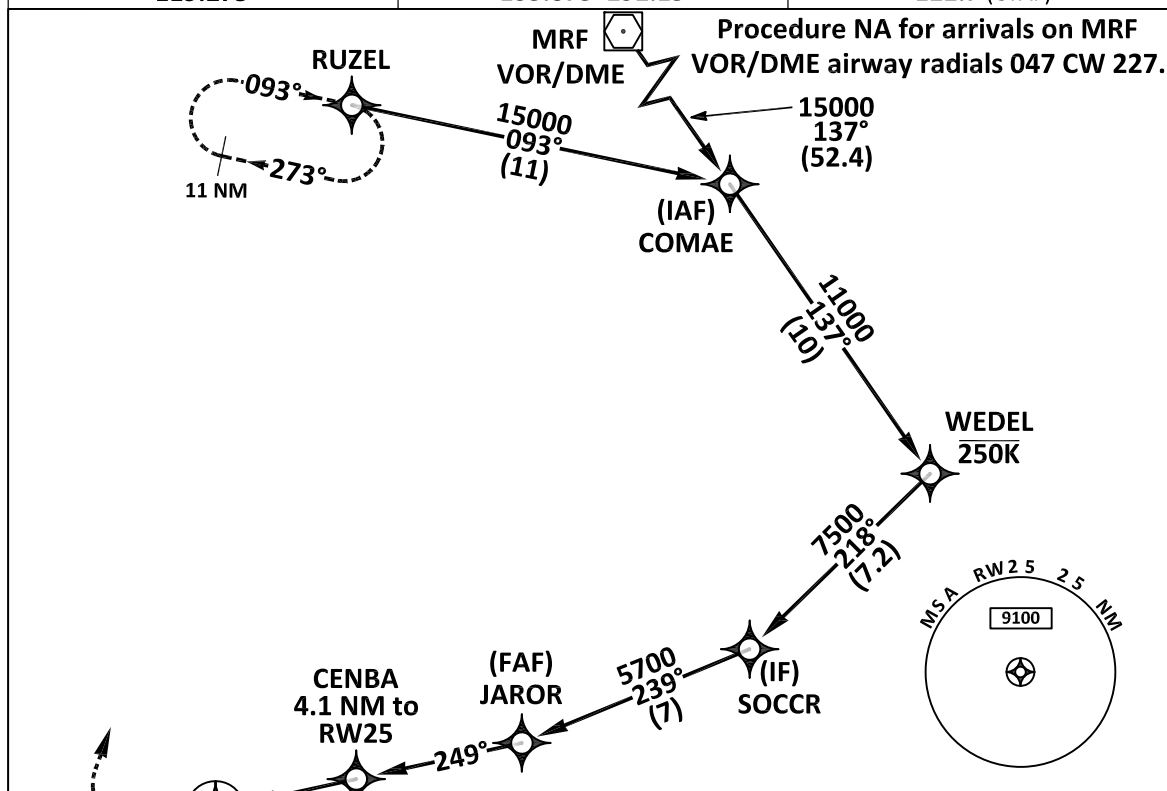
LAJITAS INTL
(T89)

RNP APCH - GPS.

Circling NA south of Rwy 7-25.

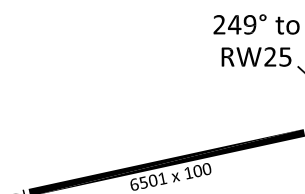
When local altimeter setting not received,
procedure NA.

MISSED APPROACH:

Climb to 4200 then climbing right turn to
15000 direct RUZEL and hold, continue
climb-in-hold to 15000.* Missed approach requires minimum
climb of 237 feet per NM to 5800.AWOS-3
119.275ALBUQUERQUE CENTER
135.875 292.15UNICOM
122.7 (CTAF)

ELEV 2630

TDZE 2628



MIRL Rwy 7-25

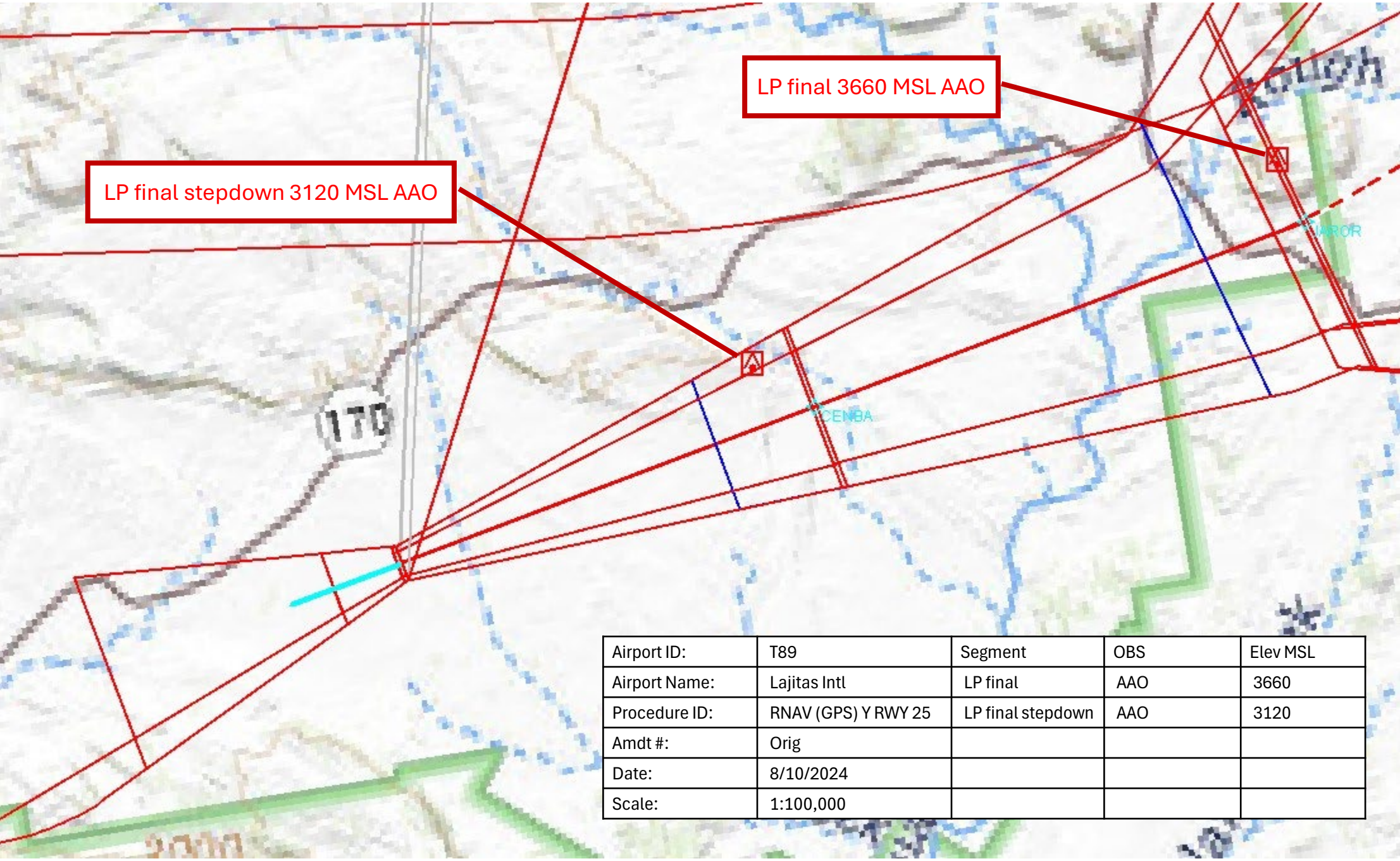
CATEGORY				
*LP	MDA	3340 - 1 712 (800 - 1)		3340 - 2 712 (800 - 2)
*LNAV	MDA	3420 - 1 792 (800 - 1)	3420 - 1½ 792 (800 - 1½)	3420 - 2½ 792 (800 - 2½)
LP	MDA	3760 - 1½ 1132 (1200 - 1½)	3760 - 1½ 1132 (1200 - 1½)	3760 - 3 1132 (1200 - 3)
LNAV	MDA	4020 - 1½ 1392 (1400 - 1½)	4020 - 1½ 1392 (1400 - 1½)	4020 - 3 1392 (1400 - 3)
CIRCLING		4020 - 1½ 1390 (1400 - 1½)	4020 - 1½ 1390 (1400 - 1½)	4180 - 3 1550 (1400 - 3)

LAJITAS, TEXAS

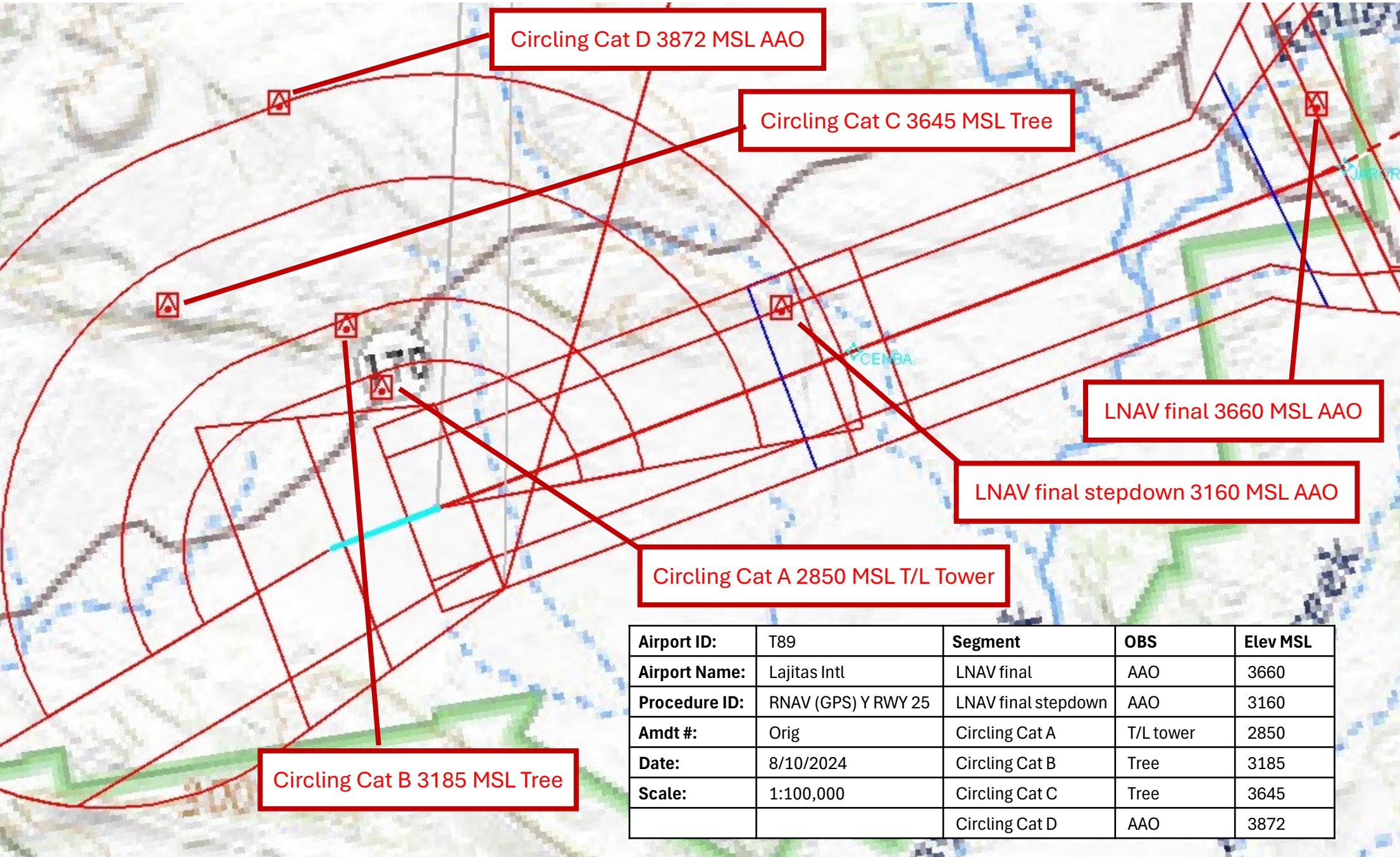
29°17'N-103°41'W

LAJITAS INTL
(T89)

RNAV (GPS) Y RWY 25



Airport ID:	T89	Segment	OBS	Elev MSL
Airport Name:	Lajas Intl	LP final	AAO	3660
Procedure ID:	RNAV (GPS) Y RWY 25	LP final stepdown	AAO	3120
Amdt #:	Orig			
Date:	8/10/2024			
Scale:	1:100,000			



Airport ID:	T89	Segment	OBS	Elev MSL
Airport Name:	Lajitas Intl	LNAV final	AAO	3660
Procedure ID:	RNAV (GPS) Y RWY 25	LNAV final stepdown	AAO	3160
Amdt #:	Orig	Circling Cat A	T/L tower	2850
Date:	8/10/2024	Circling Cat B	Tree	3185
Scale:	1:100,000	Circling Cat C	Tree	3645
		Circling Cat D	AAO	3872

