



To: Manager, Flight Technologies and Procedures Division
THRU: Manager, Flight Procedures & Airspace Group

September 06, 2024

Please accept the procedure data and FAA forms for publication of the Hughes Aerospace Corporation developed and maintained RNAV (GPS) RWY 7 instrument flight procedure.

This Part 97 procedure, serving Lajitas Intl airport in Lajitas, Texas is being converted from a special procedure to a public procedure at the airport's request.

No additional flight validation activities were conducted for this administrative name change.

Sincerely,

A handwritten signature in black ink, appearing to read 'Tony Lawson'.

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

**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) M RWY 07</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	<u>NA</u>	32. DATE BIENNIAL COMPLETE _____	
OBSTACLE ASSESSMENT TASKS			
33 EQUIPMENT ACCURACY VERIFIED	<u>YES</u>		
IAP SEGMENT CHECKS			
TRANS <u>MRF</u>			
34. DOCUMENTED CONTROLLING OBSTACLE VERIFIED	<u>YES</u>	35. CONTROLLING OBSTACLE MOST ADVERSE	<u>YES</u>
TRANS <u>RUZEL</u>			
34. DOCUMENTED CONTROLLING OBSTACLE VERIFIED	<u>YES</u>	35. CONTROLLING OBSTACLE MOST ADVERSE	<u>YES</u>
TRANS <u>AYMON</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

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 16:03:16 -06'00'

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

1. DATE 08/24/2022	2. ORGANIZATION HUGHES AEROSPACE CORPORATION	
3. AIRPORT T89	4. PROCEDURE RNAV (GPS) M RWY 07	5. AMEND # ORIG
6. AIRCRAFT TYPE TBM850	7. FMS / SOFTWARE GTN 750 Version 6.52	
8. PIC NAME / PHONE BEN ANDERSON 281-655-3330	9. EVALUATOR NAME / PHONE CHRIS BAUR 281-655-3330	

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	NO

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 MRF					
24. COURSES P	25. DISTANCES P	27. TAWS P			
28. CONSTRAINTS MET YES	29. WIND COMP 350@ 05 KTS	30. RF BANK ANGLE NA			

**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 _____

TRANS AYMON

24. COURSES P _____	25. DISTANCES P _____	27. TAWS P _____
28. CONSTRAINTS MET YES _____	29. WIND COMP 130# 08 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 050@ 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 330@ 12KTS _____	30. RF BANK ANGLE NA _____

HOLDING

24. COURSES P _____	25. DISTANCES P _____	27. TAWS P _____
28. CONSTRAINTS MET YES _____	29. WIND COMP 230@ 11 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 _____

**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

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

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
FLIGHT VALIDATION CHECKLIST

SPECIAL TRAINING RECOMMENDATION FROM DEVELOPER

53. PROCEDURE SAT

54. EVALUATOR SIGNATURE **Chris Baur**

Digitally signed by Chris Baur
Date: 2023.11.14 16:07:06 -06'00'

PROTOTYPE - NOT FOR NAVIGATION

LAJITAS, TEXAS

RNAV (GPS) RWY 7

LAJITAS INTL
(T89)

APP CRS	Rwy Idg	5744
086°	TDZE	2608
	Apt Elev	2630

RNP APCH - GPS

When local altimeter setting not received, use Presidio Lely Intl altimeter setting and increase all MDAs 140 feet.
VDP NA when using Presidio Lely Intl altimeter setting. Circling NA south of Rwy 7-25.

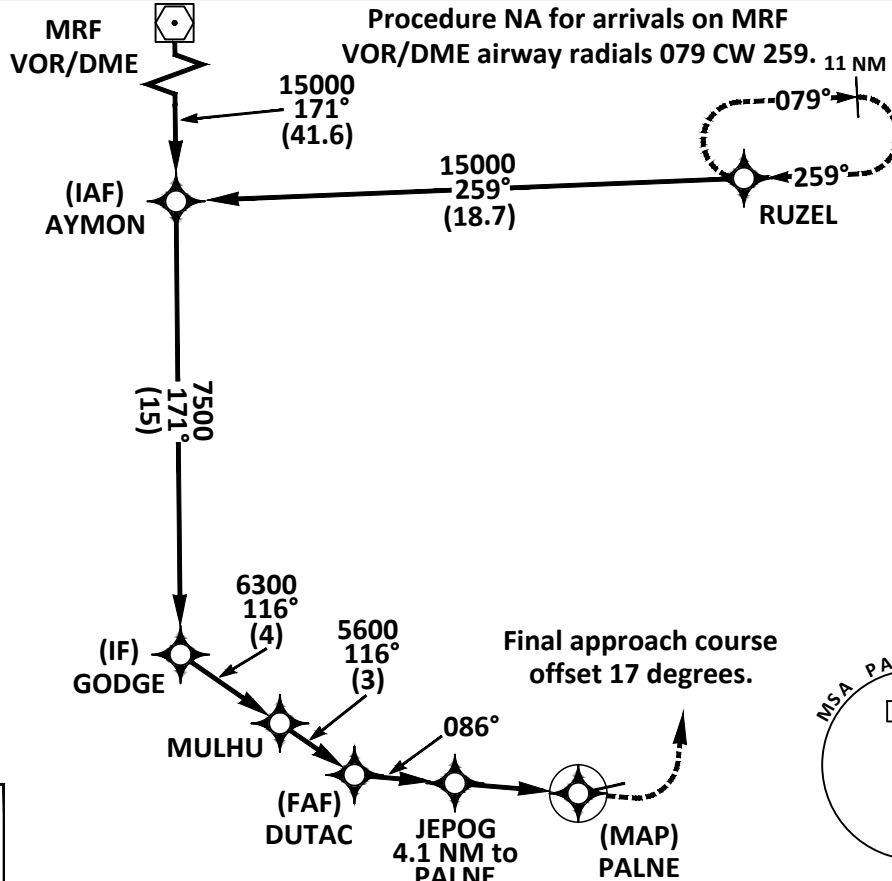
MISSED APPROACH:

Climb to 4280 then climbing left turn to 15000 direct RUZEL and hold, continue climb-in-hold to 15000.

AWOS-3
119.275

ALBUQUERQUE CENTER
135.825 292.15

UNICOM
122.7 (CTAF)



	GODGE	MULHU	DUTAC	JEPOG 4.1NM TO PALNE	4280	15000	RUZEL	ELEV 2630	TDZE 2608
	7500	6300	5600	4360					
	116°	116°	086°	086°					
	4.0 NM	3.0 NM	3.3 NM	0.6	3.5 NM to PALNE	3.5 NM	0.3 NM		
CATEGORY	A		B		C & D				
LNAV	4140 - 1¼ 1532 (1600 - 1¼)		4140 - 1½ 1532 (1600 - 1½)		4140 - 3 1532 (1600 - 3)				
CIRCLING	4140 - 1¼ 1510 (1600 - 1¼)		4140 - 1½ 1510 (1600 - 1½)		4140 - 3 1510 (1600 - 3)				

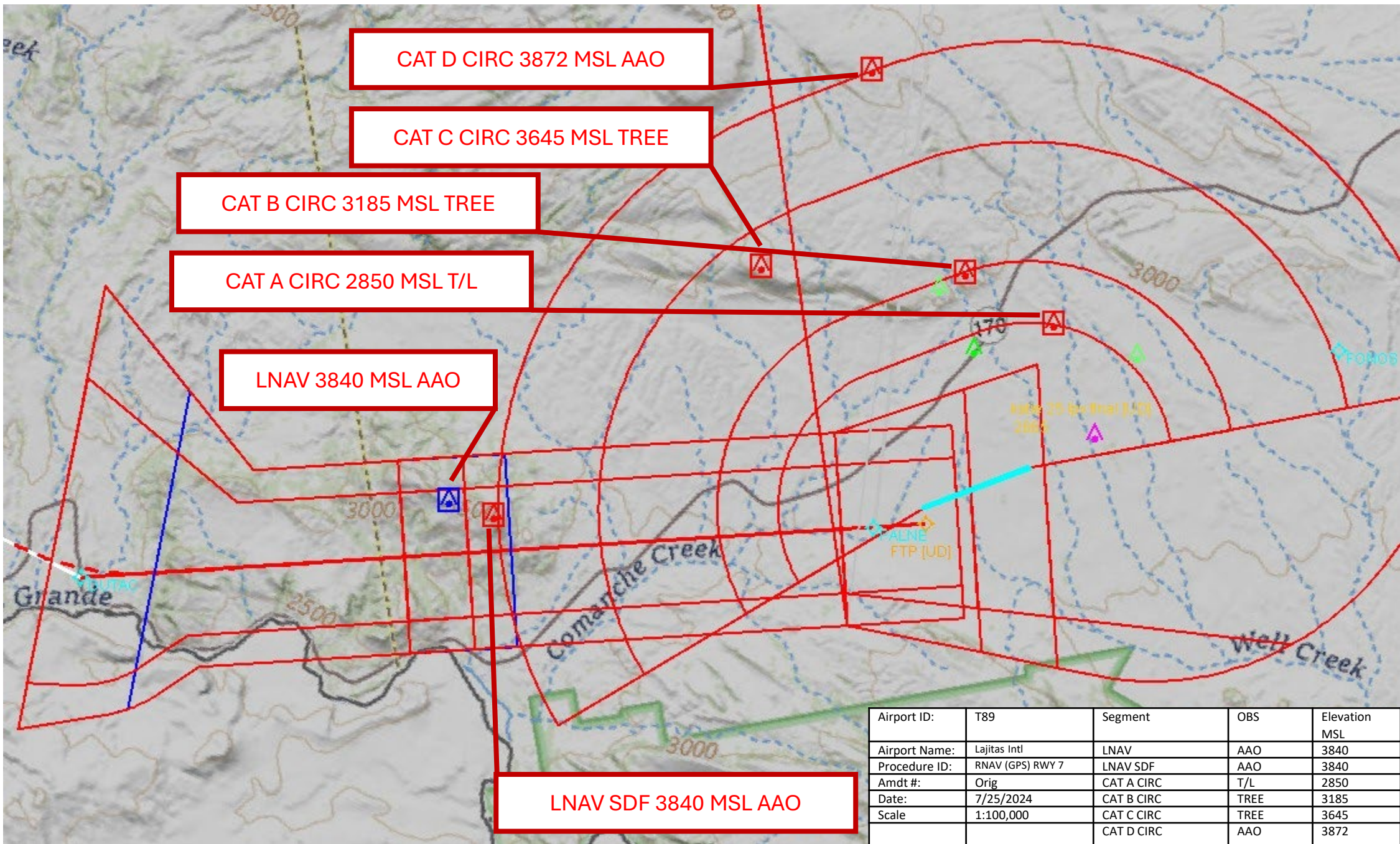
LAJITAS, TEXAS
Orig FIG

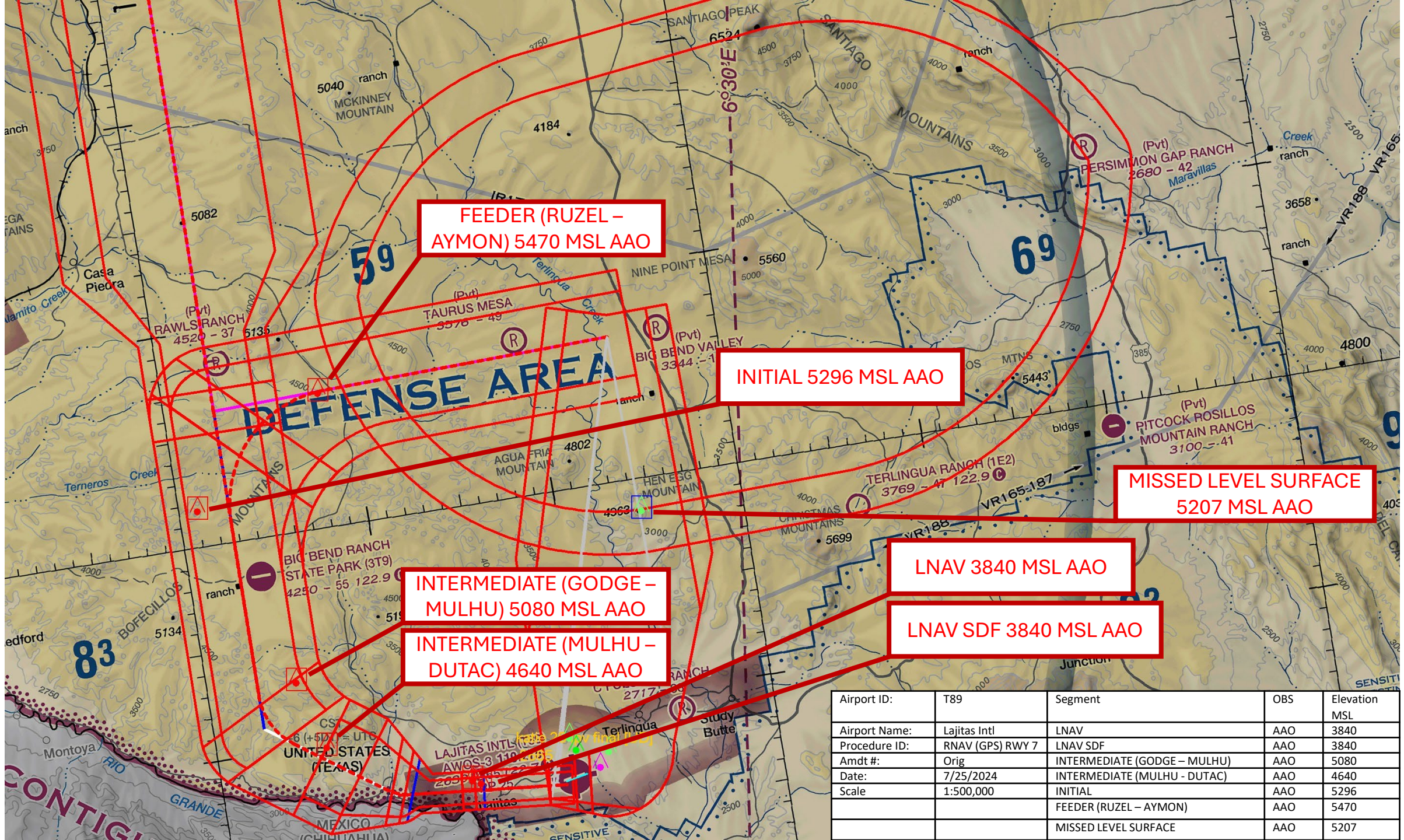
29°17'N-103°41'W

MIRL Rwy 7-25

LAJITAS INTL
(T89)

RNAV (GPS) RWY 7





FEEDER (RUZEL -
AYMON) 5470 MSL AAO

INITIAL 5296 MSL AAO

MISSED LEVEL SURFACE
5207 MSL AAO

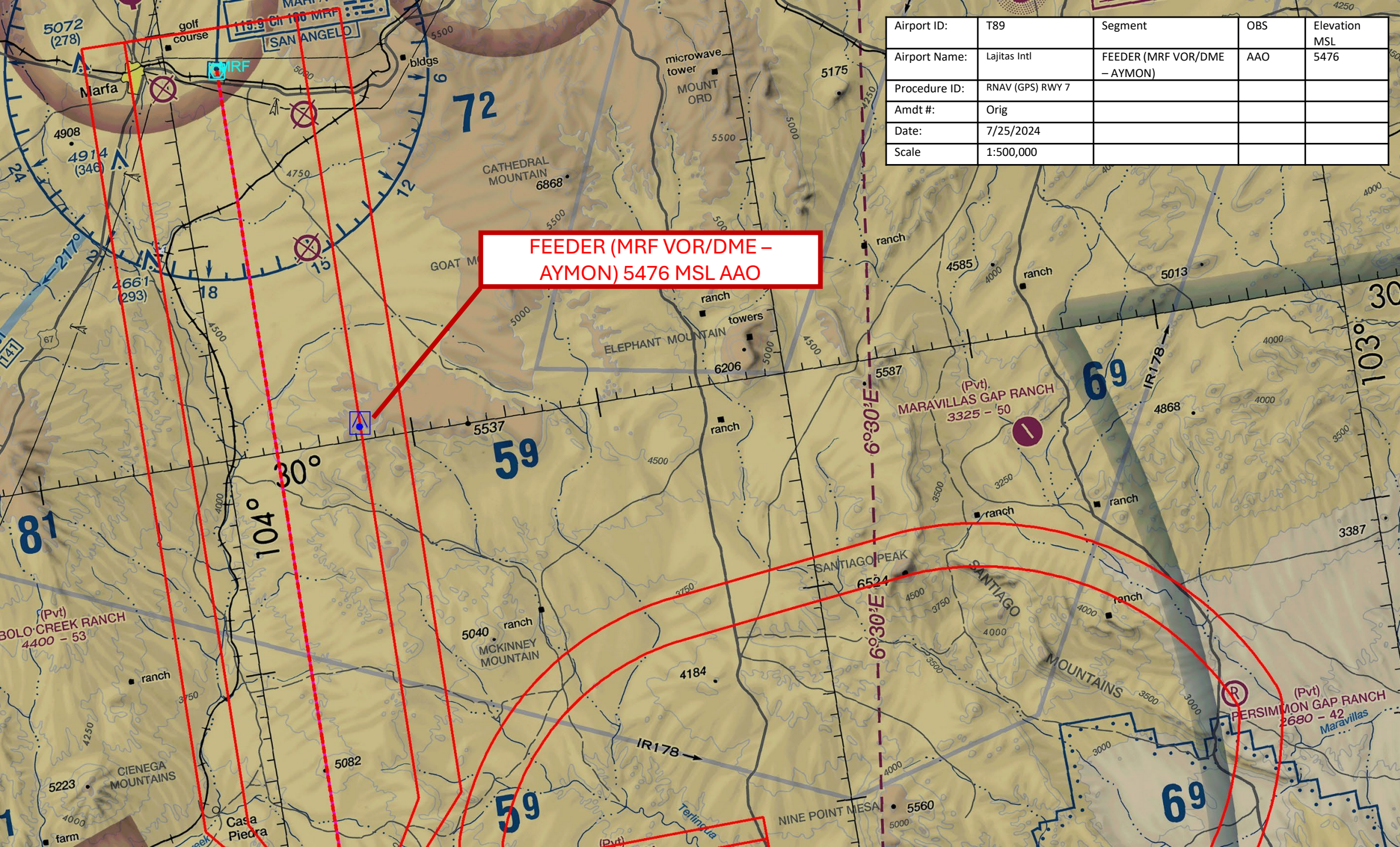
LNAV 3840 MSL AAO

LNAV SDF 3840 MSL AAO

INTERMEDIATE (GODGE -
MULHU) 5080 MSL AAO

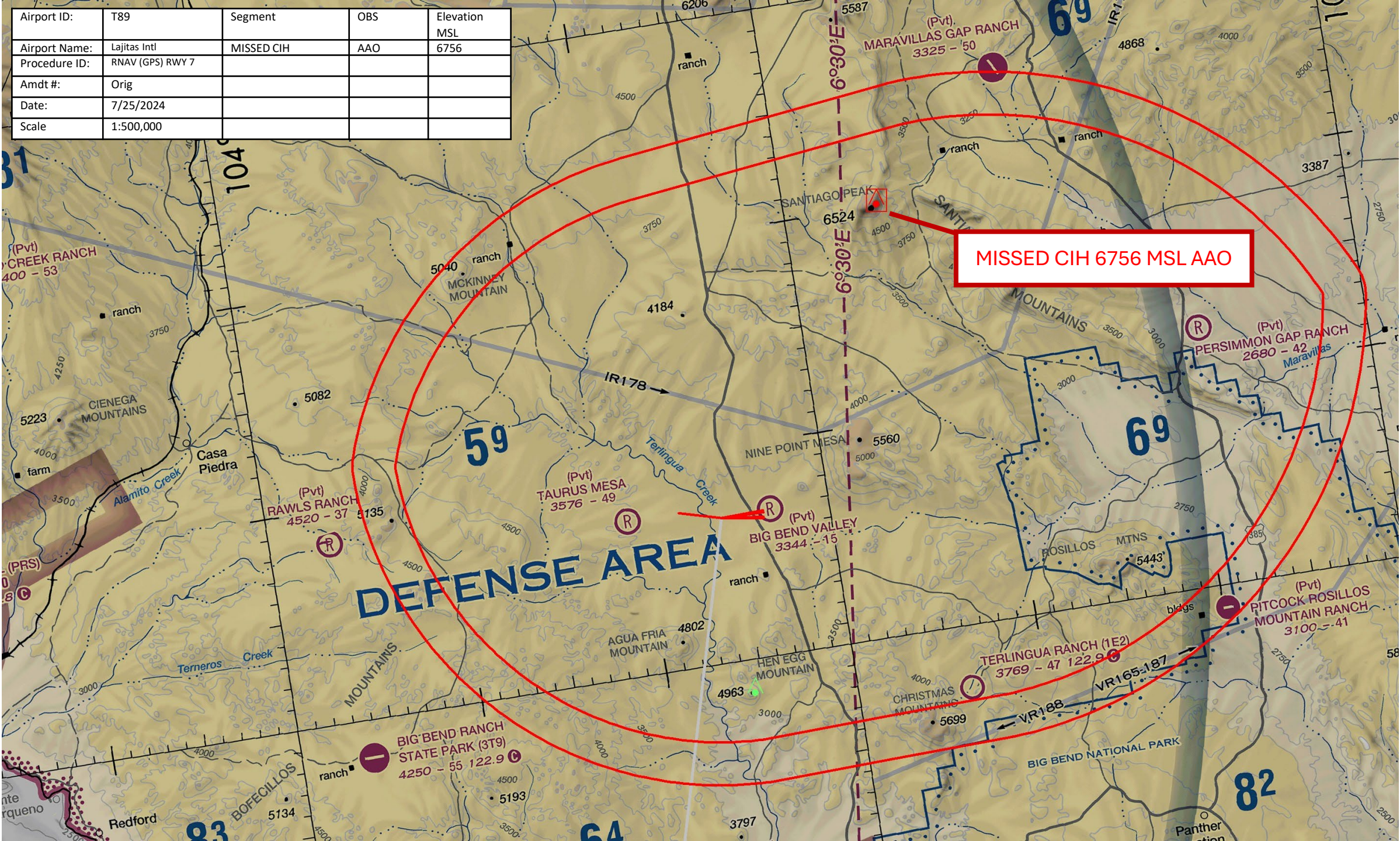
INTERMEDIATE (MULHU -
DUTAC) 4640 MSL AAO

Airport ID:	T89	Segment	OBS	Elevation MSL
Airport Name:	Lajas Intl	LNAV	AAO	3840
Procedure ID:	RNAV (GPS) RWY 7	LNAV SDF	AAO	3840
Amdt #:	Orig	INTERMEDIATE (GODGE - MULHU)	AAO	5080
Date:	7/25/2024	INTERMEDIATE (MULHU - DUTAC)	AAO	4640
Scale	1:500,000	INITIAL	AAO	5296
		FEEDER (RUZEL - AYMON)	AAO	5470
		MISSED LEVEL SURFACE	AAO	5207



Airport ID:	T89	Segment	OBS	Elevation MSL
Airport Name:	Lajas Intl	FEEDER (MRF VOR/DME - AYMOM)	AAO	5476
Procedure ID:	RNAV (GPS) RWY 7			
Amdt #:	Orig			
Date:	7/25/2024			
Scale	1:500,000			

Airport ID:	T89	Segment	OBS	Elevation MSL
Airport Name:	Lajitas Intl	MISSED CIH	AAO	6756
Procedure ID:	RNAV (GPS) RWY 7			
Amdt #:	Orig			
Date:	7/25/2024			
Scale	1:500,000			



Airport ID:	T89	Segment	OBS	Elevation MSL
Airport Name:	Lajitas Intl	MSA	AAO	8,025
Procedure ID:	RNAV (GPS) RWY 7			
Amdt #:	Orig			
Date:	7/25/2024			
Scale	1:804,566			

