

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) 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.

AIRPORT ID 51R	PROCEDURE NAME RNAV (GPS) RWY 1	ORIGINAL/AMENDMENT 1	CITY MADISONVILLE	STATE TX
AIRPORT ELEVATION 287	TDZE 283	SUPERSEDED RNAV (GPS) RWY 36	ORIGINAL/AMENDMENT ORIG-B	DATED 11/07/2019
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 26 DECEMBER 2024	REQUIRED EFFECTIVE DATE ROUTINE	MAG VAR 2E
				EPOCH YEAR 2025
				CANCEL/SUSPEND

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
STYCK		NAMIL		TF	FO	1.00	180.45	22.77	3000
CLL VORTAC	IAF	NAMIL	NOPT	TF	FB	1.00	067.55	23.94	3000
NAMIL	IF/IAF	TELNY		TF	FB	1.00	008.08	4.99	1900
TELNY	FAF	BAJHE/2.01 NM TO RW01		TF	FB	0.30	008.07	3.00	
BAJHE/2.01 NM TO RW01		RW01	MAP	TF	FO	0.30	008.07	2.01	
RW01	MAP	1200 MSL		CA					1200
1200 MSL		NAMIL		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LNAV: RW01

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 3000 DIRECT NAMIL AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- HOLD S NAMIL, RT, 008.08 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC:** 008.07 **FAF:** TELNY **DIST FAF TO MAP:** 5.01 **DIST FAF TO THLD:** 5.01
- MIN ALT:** NAMIL 3000, TELNY 1900, BAJHE/2.01 NM TO RW01 940
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:**
- MIN GP INCPT:** **GP ALT AT FAF:** **OM:** **MM:** **IM:**
- GP ANGLE:** **34:1:** IS NOT CLEAR **20:1:** IS NOT CLEAR **TCH:**
- MSA FROM:** RW01 3000



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: RWY 1 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: USE UTS ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

CHART UTS ASOS.
CHART FAS OBST: 346 TREE 305439N/0955633W.
TELNY TO RW01: 3.01/40.

MINIMUMS:

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

ALTERNATE: NA

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LNAV MDA	680	1	397	680	1	397		NA			NA				

CHANGES - REASONS

1. RUNWAY NUMBER CHANGED FROM RWY 36 TO RWY 1 - UPDATED MAGVAR FROM 7E/1980 TO 2E/2025.
2. TERMINAL ROUTES: CHANGED "LOA VORTAC" TO "STYCK" – CO-LOCATED WP, PER ACT REQUEST/FPT CHECKLIST.
3. TERMINAL ROUTES: CHANGED CLL VORTAC FIX TYPE FROM "FEEDER" TO "IAF, NOPT" – PER ATC REQUEST/FPT CHECKLIST.
4. TERMINAL ROUTES: CHANGED ALL INBOUND COURSES BY 5 DEGREES, NAMIL TO TELNY SEGMENT "003.07" TO "008.08" - UPDATED MAGVAR FROM 7E/1980 TO 2E/2025, FAF MOVED S 42.47 FEET.
5. TERMINAL ROUTES: CHANGED NAMIL TO TELNY DISTANCE FROM "5.00" TO "4.99" – FAF MOVED S 42.47 FEET.
6. TERMINAL ROUTES: ADDED BAJHE STEPDOWN SEGMENT – MITIGATED HIGHER CONTROLLING OBSTACLE, LOWERED MDA TO CURRENTLY PUBLISHED.
7. TERMINAL ROUTES: ADDED CA SEGMENT TO 1200 MSL – CURRENT DOCUMENTATION STANDARDS.
8. MISSED APPROACH: CHANGED "CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 3000 DIRECT NAMIL WP AND HOLD" TO "CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 3000 DIRECT NAMIL AND HOLD" – CURRENT DOCUMENTATION STANDARDS, MITIGATED AIRSPACE CONTAINMENT.
9. PROFILE LINE 2: ADDED "MAX 6000" – IAW 8260.19J 8-6-7(B)2.
10. PROFILE LINE 3: CHANGED FAC FROM 003.08" TO "008.07", DIST FAF TO MAP, FAF TO THLD FROM "5.00" TO 5.01" – UPDATED MAGVAR FROM 7E/1980 TO 2E/2025, FAF MOVED S 42.47 FEET.
11. PROFILE LINE 4: ADDED "BAJHE/2.01 NM TO RW01 940" – LOWERED MDA TO CURRENTLY PUBLISHED.
12. PROFILE LINE 7: ADDED "20:1 IS NOT CLEAR" – NO SURVEY, ASSUMED PENETRATIONS.
13. PROFILE LINE 8: CHANGED MSA FROM "RW36 3100" TO RW01 3000" – RUNWAY NUMBER CHANGED, NEW CONTROLLING OBSTACLE.
14. PBN REQUIREMENTS: CHANGED "RNP APCH" TO "RNP APCH – GPS" – IAW 8260.19J 8-6-8 D.
15. CHANGED "CHART NOTE: RWY 36 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" TO "CHART NOTE: RWY 1 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" – UPDATED MAGVAR FROM 7E/1980 TO 2E/2025.
16. CHANGED "USE HUNTSVILLE MUNI ALTIMETER SETTING" TO "CHART NOTE: USE UTS ALTIMETER SETTING" – IAW 8260.19J 8-6-10E(8).
17. ADDITIONAL FLIGHT DATA: ADDED "CHART UTS ASOS" – PRIMARY ALTIMETER IS REMOTE.
18. ADDITIONAL FLIGHT DATA: CHANGED "FAS OBST: 369 TREE 305314/955723" TO "CHART FAS OBST: 346 TREE 305439N/0955633W" – NEW CONTROLLING OBSTACLE.
19. ADDITIONAL FLIGHT DATA: CHANGED "TELNY WP TO RW36: 3.01/40" TO "TELNY TO RW01: 3.01/40" – UPDATED MAGVAR, RUNWAY NUMBER.



AIRPORT ID
51R

PROCEDURE NAME
RNAV (GPS) RWY 1

ORIGINAL/AMENDMENT
1

CITY
MADISONVILLE

STATE
TX

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA**

OTHER: ZHU, AMGR, ST AV DIR

FLIGHT CHECKED BY

NICHOLAS A VARNER

Digitally signed by
JOSEPH L ZEDER
Sep 10, 2024

OFFICE

FPO

DATE

08/29/2024

DEVELOPED BY

CASIMIR L. TABAKA (ROBERT A. SWINSON)

Digitally signed by
JOSEPH L ZEDER
Sep 10, 2024

OFFICE

AJV-A432

DATE

06/21/2024

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by
JOSEPH L ZEDER
Sep 10, 2024

OFFICE

AJV-A432

DATE

TITLE
MANAGER

