

**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 FFZ	PROCEDURE NAME RNAV (GPS) RWY 4R	ORIGINAL/AMENDMENT 1G	CITY MESA	STATE AZ
AIRPORT ELEVATION 1394	TDZE 1384	SUPERSEDED RNAV (GPS) RWY 4R	DATED 08/12/2021	MAG VAR 12E
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 22 JANUARY 2026	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 1990
			CANCEL/SUSPEND	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
SACAT	IAF	ISTOW		TF	FB	1.00	348.15	6.30	3200
ISTOW	IF	FOLOM		TF	FB	1.00	039.09	6.20	2300
FOLOM	FAF	GOYEB	MAP	TF	FO	0.30	039.14	2.01	
GOYEB	MAP	1900 MSL		CA			039.14		1900
1900 MSL		SACAT		DF	FO	1.00			5000

MISSED APPROACH

MAP:

LP: GOYEB
LNAV: GOYEB

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1900 THEN CLIMBING RIGHT TURN TO 5000 DIRECT SACAT AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT ISTOW
- FAC: 039.14 FAF: FOLOM DIST FAF TO MAP: 2.01 DIST FAF TO THLD: 2.81
- MIN ALT: ISTOW 3200, FOLOM 2300
- 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 CLEAR 20:1 IS CLEAR TCH:
- MSA FROM: GOYEB 8900



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING TO RWY 22L, 22R NA AT NIGHT.
 CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
 CHART NOTE: CIRCLING NA FOR CAT C SE OF RWYS 4R AND 22L.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SACAT ON V16 SOUTHEAST BOUND.

ADDITIONAL FLIGHT DATA:

HOLD SE, LT, 323.44 INBOUND.
 CHART FAS OBST: 1537 TANK (04-000374) 332710N/1114353W, 1428 POLE (04-053087) 332655N/1114422W.
 WAAS CHANNEL # 90525
 REFERENCE PATH ID: W04B
 FOLOM TO RW04R: 3.00/41.
 LTP HAE: 386.6 M

MINIMUMS:

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

ALTERNATE: NA STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

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
LP MDA	1680	1	296	1680	1	296	1680	1	296		NA				
LNAV MDA	1800	1	416	1800	1	416	1800	1 1/8	416		NA				
CIRCLING	1880	1	486	1980	1	586	2100	2	706		NA				

CHANGES - REASONS

1. FPAP LOCATION CHANGED FROM 332817.2210N/1114239.7550W TO 332817.2005N/1114239.7350W - NEW TARGETS EVALUATION
2. CRC REMAINDER CHANGED FROM 6737665C TO 65465DE6 - FPAP LOCATION CHANGED.
3. DELETE FAC OFFSET ANGLE - NO LONGER MEETS REPORTABLE VALUE.
4. CHANGED CIRCLING MINIMUMS CAT A MDA FROM 1860 TO 1880/HAT 466 TO 486, CAT C MDA FROM 2040 TO 2100/HAT FROM 646 TO 706 VIS FROM 1 3/4 TO 2 SM - NEW CONTROLLING OBSTACLES.
5. PBN REQUIREMENTS NOTE: CHANGED FROM "RNP APCH" TO "RNP APCH - GPS" - UPDATED TO MEET NEW CRITERIA.
6. REMOVED CIRCLING ICON - NO LONGER NEEDED.



AIRPORT ID
FFZ

PROCEDURE NAME
RNAV (GPS) RWY 4R

ORIGINAL/AMENDMENT
1G

CITY
MESA

STATE
AZ

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA

OTHER: PHX APP CON, FFZ ATCT, FFZ AMGR

FLIGHT CHECKED BY

Digitally signed by
CASIMIR L TABAKA
Dec 05, 2025

OFFICE

AJF

DATE

12/04/2025

DEVELOPED BY

TODD DAMRON

Digitally signed by
CASIMIR L TABAKA
Dec 05, 2025

OFFICE

AJV-A421

DATE

07/22/2025

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by
CASIMIR L TABAKA
Dec 05, 2025

OFFICE

AJV-A423

DATE

TITLE
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFFZ
RUNWAY	RW04R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04B
LTP/FTP LATITUDE	332721.2395N
LTP/FTP LONGITUDE	1114402.7130W
LTP/FTP ELLIPSOIDAL HEIGHT	+03866
FPAP LATITUDE	332817.2005N
FPAP LONGITUDE	1114239.7350W
THRESHOLD CROSSING HEIGHT (TCH)	00040.5
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1192
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	00.0
CRC REMAINDER	65465DE6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+04162
FPAP ORTHOMETRIC HEIGHT	+04162

