

**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.

<u>AIRPORT ID</u> KFFZ	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 4L	<u>ORIGINAL/AMENDMENT</u> 1D	<u>CITY</u> MESA	<u>STATE</u> AZ		
<u>AIRPORT ELEVATION</u> 1394	<u>TDZE</u> 1383	<u>SUPERSEDED</u> RNAV (GPS) RWY 4L	<u>ORIGINAL/AMENDMENT</u> 1C	<u>DATED</u> 07/18/2019	<u>MAG VAR</u> 12E	<u>EPOCH YEAR</u> 1990
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 12 AUGUST 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
SACAT	IAF	ISTOW		TF	FB	1.00	348.15	6.30	3200
ISTOW	IF	PEVDE		TF	FB	1.00	038.05	6.29	2300
PEVDE	FAF	ZENAM	MAP	TF	FO	0.30	039.13	2.01	
ZENAM	MAP	1780 MSL		CA			039.13		
1780 MSL		SACAT		DF	FO	1.00			5000

MISSED APPROACH

MAP:

LP: ZENAM
LNAV: ZENAM

MISSED APPROACH INSTRUCTIONS:

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

ALTERNATE MISSED APPROACH INSTRUCTIONS:



CHANGES - REASONS

1. ADDED 20:1 IS NOT CLEAR ON LINE 7 - 20:1 PENETRATIONS.
2. ADDED CHART NOTE: RWY 4L HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED - INCORPORATED NOTAM FDC 0/5542.
3. ADDED CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) - 8260.19H, 8-6-9 M2.
4. MOVED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PHOENIX SKY HARBOR INTL ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET AND INCREASE LP CAT C VISIBILITY 1/4 SM AND LNAV CAT C VISIBILITY 1/8 SM - MOVED TO PART C REMARKS FOR CONTINGENCY PURPOSES.
5. CHANGED CHART FAS OBST FROM "1537 TANK 332710N/1114353W, 1403 LT POLE 332732N/1114410W" FOR LNAV/LP TO "1537 TANK 332710N/1114353W, 1426 POLE 332703N/1114431W" FOR LNAV/LP - NEW CONTROLLING OBSTACLE FOR LNAV/LP.
6. CHANGED LNAV CAT C VISIBILITY FROM 1 1/4 SM TO 1 1/8 SM - TARGETS VISCHECK VALUES.
7. FAS DATA: FPAP COORDINATES CHANGED FROM 332825.8700N/1114240.1100W TO 332825.8710N/1114240.1100W - NEW TARGETS EVALUATION.
8. CHANGED CRC REMAINDER FROM 7C41553A TO F91C0E12 - FPAP LOCATION CHANGED.
9. CHANGED LENGTH OFFSET FROM 1592 TO 0000 - NEW TARGETS EVALUATION.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** PHX APP CON, FFZ ATCT, AMGR

FLIGHT CHECKED BY

DANIEL C FAVORITE

Digitally signed by

JON DENTON

Apr 09, 2021

OFFICE

FICO

DATE

04/08/2021

DEVELOPED BY

JON DENTON (SILVIA YOUNG)

Digitally signed by

JON DENTON

Apr 09, 2021

OFFICE

AJV-A432

DATE

11/23/2020

APPROVED BY

LONNIE EVERHART

Digitally signed by

JON DENTON

Apr 09, 2021

OFFICE

AJV-A430

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	RW04L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	332729.8815N
LTP/FTP LONGITUDE	1114403.0620W
LTP/FTP ELLIPSOIDAL HEIGHT	+03867
FPAP LATITUDE	332825.8710N
FPAP LONGITUDE	1114240.1100W
THRESHOLD CROSSING HEIGHT (TCH)	00039.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	F91C0E12

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+04163
FPAP ORTHOMETRIC HEIGHT	+04163

