

**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)-B	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> MESA	<u>STATE</u> AZ		
<u>AIRPORT ELEVATION</u> 1394	<u>TDZE</u>	<u>SUPERSEDED</u> RNAV (GPS)-B	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 07/29/2010	<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>
AVENT	IAF	AZCAF		TF	FB	1.00	114.02	7.49	6000
AZCAF	IF	LYNET		TF	FB	1.00	123.72	6.25	4200
LYNET		TOXIE		TF	FB	1.00	123.77	3.46	3200
TOXIE	FAF	ONEKE	MAP	TF	FO	0.30	121.75	3.50	
ONEKE	MAP	1794 MSL		CA			121.75		
1794 MSL		CLOSE		DF	FB	1.00			
CLOSE		SACAT		TF	FO	1.00	218.76	11.33	5000

MISSED APPROACH

MAP:
ONEKE

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5000 DIRECT CLOSE AND RIGHT TURN ON TRACK 218.76 TO SACAT AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
10
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT AZCAF

3. FAC:

121.75

FAF: TOXIE

DIST FAF TO MAP: 3.50

DIST FAF TO THLD:

4. MIN ALT: AZCAF 6000, LYNET 4200, TOXIE 3200

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

GS ANT:

6. MIN GP INCPT:

GP ALT AT FAF :

OM:

MM:

IM:

7. GP ANGLE:

34:1:

20:1:

TCH:

8. MSA FROM: KFFZ 8800

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING TO RWY 22L, 22R NA AT NIGHT.
CHART NOTE: CIRCLING NA FOR CAT C SE OF RWY 4R-22L.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT AVENT ON V257 NORTHWEST BOUND.

ADDITIONAL FLIGHT DATA:

HOLD SE, LT, 323.44 INBOUND.
CHART FAS OBST: 1467 CONTROL_TOWER 332727N/1114337W.
1605 AAO 333139N/1114530W.
FAC CROSSES MIDPOINT OF RWY 04L-22R.
CHART CIRCLING ICON.

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
CIRCLING	1860	1	466	1980	1	586	2040	1 3/4	646		NA				



CHANGES - REASONS

1. ADDED CA LEG 1794 TO TERMINAL ROUTES - REQUIRED FOR CODING.
2. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 5000 DIRECT SLIEE AND RIGHT TURN ON TRACK 217.84 TO SACAT AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000" TO "CLIMB TO 5000 DIRECT CLOSE AND RIGHT TURN ON TRACK 218.76 TO SACAT AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.." - FORMER MISSED APPROACH DID NOT MEET CURRENT CRITERIA, NEW MISSED NEEDED.
3. PROFILE LINE 3: CHANGED FAC FROM 121.76 TO 121.75 - PER TRAGETS EVALUATION.
4. PROFILE LINE 3: CHANGED DIST FAF TO MAP FROM 3.49 TO 3.50 - PER TARGETS EVALUATION.
5. PROFILE LINE 8: CHANGED MSA FROM ONEKE 8900 TO KFFZ (APT) 8800 - PER TARGETS EVALUATION, IAW 8260.19I 8-6-7.H.(1).
6. ADDED PBN REQUIREMENTS NOTE: RNP APCH - IAW 8260.19I 8-6-8B(1).
7. DELETED CHART NOTE: DME/DME RNP-0.3 NA - NOT REQUIRED BY CURRENT CRITERIA, 8260.19H, CH 8, 8-6-8, N.
8. ADDED CHART NOTE: "CIRCLING TO RWY 22L, 22R NA AT NIGHT" - INCORPORATED NOTAM FDC 0/5552.
9. MOVED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PHOENIX SKY HARBOR INTL ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET AND INCREASE CAT C VISIBILITY 1/4 SM - MOVED TO PART C REMARKS FOR CONTINGENCY PURPOSES.
10. CHANGED CHART FAS OBST FROM "1467 ANT + APBN ON OL ATCT 332727N/1114337W" TO "1467 CONTROL TOWER 332727N/1114337W" - NEW CONTROLLING OBSTACLE.
11. ADDED CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA - IAW CURRENT CRITERIA.
12. REMOVED 1559 AAO 333054N/1114623W FROM ADDITIONAL FLIGHT DATA - PER TARGETS EVALUATION.
13. CHANGED ALTERNATE MINIMUMS FROM "STANDARD- NA WHEN CONTROL TOWER CLOSED" TO "STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE" - PROCEDURE UTILIZES BACKUP ALTIMETER.
14. CHANGED CIRCLING CAT A MDA/HAA FROM 1900/506 TO 1860/466, CAT B FROM MDA/HAA 1900/506 TO 1980/586 AND CAT C MDA/HAA FROM 1900/506 TO 2040/646 - NEW CONTROLLING OBSTACLES.
15. CHANGED CIRCLING CAT C VISIBILITY FROM 1 1/2 SM TO 1 3/4 SM - TARGETS VISCHECK VALUES.
16. ADDED CHART NOTE: CIRCLING NA FOR CAT C SE OF RWYS 4R AND 22L - UNMITIGATED GROUND 20:1 PENETRATION, PER FPT REQUEST.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** PHX TRACON FFZ ATCT, FFZ 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

12/08/2020

APPROVED BY

LONNIE EVERHART

*Digitally signed by***JON DENTON**

Apr 09, 2021

OFFICE

AJV-A430

DATE**TITLE**
MANAGER

QUALITY
10
CHECKED