

**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><b>AIRPORT ID</b></u> O46	<u><b>PROCEDURE NAME</b></u> RNAV (GPS) RWY 14	<u><b>ORIGINAL/AMENDMENT</b></u> ORIG-A	<u><b>CITY</b></u> WEED	<u><b>STATE</b></u> CA		
<u><b>AIRPORT ELEVATION</b></u> 2943	<u><b>TDZE</b></u> 2934	<u><b>SUPERSEDED</b></u> RNAV (GPS) RWY 14	<u><b>ORIGINAL/AMENDMENT</b></u> ORIG	<u><b>DATED</b></u> 06/22/2017	<u><b>MAG VAR</b></u> 14E	<u><b>EPOCH YEAR</b></u> 2020
<u><b>FACILITY</b></u> RNAV	<u><b>COORDINATES OF FACILITIES</b></u>	<u><b>ACTUAL EFFECTIVE DATE</b></u> 29 DECEMBER 2022	<u><b>REQUIRED EFFECTIVE DATE</b></u> ROUTINE	<u><b>CANCEL/SUSPEND</b></u>		

**TERMINAL ROUTES**

<u><b>FROM</b></u>	<u><b>FIX TYPE</b></u>	<u><b>TO</b></u>	<u><b>FIX TYPE</b></u>	<u><b>LEG TYPE</b></u>	<u><b>FO/FB</b></u>	<u><b>RNP</b></u>	<u><b>COURSE</b></u>	<u><b>DISTANCE</b></u>	<u><b>ALTITUDE</b></u>
KLAMA		FOBRO		TF	FB	1.00	143.11	15.06	9700
FOBRO		HIVEG		TF	FB	1.00	143.20	7.53	8000
HIVEG		EHPUG		TF	FB	1.00	143.24	3.76	7400
EHPUG		GRENA		TF	FB	1.00	143.26	3.76	6700
GRENA	IAF	DIMGE		TF	FB	1.00	162.53	6.75	5100
DIMGE	IF	CANKI		TF	FB	1.00	173.37	3.31	4600
CANKI	FAF	ZIXIB	MAP	TF	FO	0.30	150.24	3.75	
ZIXIB	MAP	3343 MSL		CA			150.24		
3343 MSL		GRENA		DF	FB	1.00			
GRENA		ISAVE		TF	FB	1.00	000.89	10.62	
ISAVE		KLAMA		TF	FO	1.00	306.70	22.65	9100

**MISSED APPROACH**

**MAP:**

LNAV: ZIXIB

**MISSED APPROACH INSTRUCTIONS:**

(DO NOT EXCEED 185 KIAS UNTIL GRENA) CLIMBING LEFT TURN TO 9100 DIRECT GRENA THEN ON TRACK 000.89 TO ISAVE THEN ON TRACK 306.70 TO KLAMA AND HOLD.

\*MISSED APPROACH REQUIRES MINIMUM CLIMB OF 325 FEET PER NM TO 4000.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

QUALITY  
33  
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT DIMGE

3. FAF:

150.24

FAF: CANKI

DIST FAF TO MAP: 3.75

DIST FAF TO THLD: 4.45

4. MIN ALT: DIMGE 5100, CANKI 4600

5. DIST TO THLD FROM FAF: 4.45

MM:

IM:

150 HAT:

GS ANT:

6. MIN GP INCPT:

GP ALT AT FAF :

OM:

MM:

IM:

7. GP ANGLE:

34:1: IS CLEAR

20:1: IS CLEAR

TCH:

8. MSA FROM: ZIXIB 15300

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA SW OF RWY 14-32.  
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GRENA ON V287 AND T355 NORTHBOUND.  
CHART NOTE: USE MONTAGUE ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 6.33 DEGREES.  
HOLD NW, RT, 143.11 INBOUND.  
FAS OBST: 3068 AAO 413226N/1222906W.  
3179 AAO 413328N/1222831W.  
FAC CROSSES RWY C/L EXTENDED 4235 FT FROM THLD.  
CHART CIRCLING ICON.  
CANKI TO RW14: 3.50/40.

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*	3440	1	506	3440	1	506	3580	1 7/8	646	3700	2 1/2	766			
LNAV MDA	3440	1	506	3480	1	546	3780	2 1/2	846	3820	2 1/2	886			
CIRCLING	3680	1	737	3840	1 1/4	897	4220	3	1277	4440	3	1497			



**CHANGES - REASONS**

1. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMBING LEFT TURN 9100 DIRECT GRENA THEN RIGHT TURN ON TRACK 000.89 TO ISAVE THEN LEFT TURN ON TRACK 306.70 DIRECT KLAMA AND HOLD" TO "CLIMBING LEFT TURN 9100 DIRECT GRENA THEN ON TRACK 000.89 TO ISAVE THEN ON TRACK 306.70 TO KLAMA AND HOLD" - IAW 8260.19I 8-6-6 D (5).
2. PROFILE LINE 7: ADDED "20:1: IS CLEAR" - NEW TARGETS EVALUATION AND 8260.19I 8-6-7 G. (3) (A).
3. PBN/EQUIPMENT REQUIREMENT NOTES: ADDED "RNP APCH - GPS" - 8260.19I 8-6-8 B. (2).
4. NOTES: REMOVED "DME/DME RNP-03 NA" - IAW 8260.19I 1-1-5 F. (18).
5. CHART PROFILE NOTE: ADDED "VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - IAW 8260.19I 8-6-9 M. (2).
6. ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBST FROM: "2999 BUSH 413201N/1222911W" TO "3068 AAO 413227N/1222906W" - IAW 8260.19I 8-6-10 C.
7. ADDITIONAL FLIGHT DATA: ADDED 7:1 OBS "3179 AAO 413328N/1222831W" - NEW TARGETS EVALUATION.
8. ADDED DIST TO THLD FROM FAF: 4.45 TO PROFILE LINE 5. - 8260.19I 8-6-7 E.
9. ADDITIONAL FLIGHT DATA: CHANGED CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET FROM: "6.31" TO "6.33" - NEW TARGETS EVAL AND IAW 8260.19I 8-6-10 G. (1) (B).
10. ADDITIONAL FLIGHT DATA: DELETED "SISKIYOU COUNTY ASOS" AND REPLACED WITH "USE MONTAGUE ALTIMETER SETTING" IN NOTES SECTION - IAW 8260.19I 8-6-9 F. (6).
11. ADDITIONAL FLIGHT DATA: CHANGED "CANKI TO ZIXIB: 3.50/40" TO "CANKI TO RWY14: 3.50/40" - IAW 8260.19I 8-6-10 O. (1).
12. ADDITIONAL FLIGHT DATA: CHANGED DIST FROM RUNWAY C/L EXTENDED FROM 4241 TO 4235. - NEW TARGETS EVAL AND IAW 8260.19I 8-6-10 O. (1).
13. MINIMUMS: UPDATED LNAV\* MDA/HAT CAT A AND B FROM 3380/446 TO 3440/506- NEW CONTROLLING OBSTACLE AND MEET MIN BASE MDA.
14. MINIMUMS: UPDATED LNAV MDA/HAT CAT A FROM 3420/486 TO 3440/506. - NEW CONTROLLING OBSTACLE AND MEET MIN BASE MDA.
15. MINIMUMS: UPDATED CIRCLING CAT C FROM 4080/1137 TO 4220/1277 - NEW CONTROLLING OBSTACLE.
16. MINIMUMS: UPDATED CIRCLING CAT D FROM 4340/1397 TO 4440/1497 - NEW CONTROLLING OBSTACLE.

11/09/21: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 06/30/21.

1. NOTES: ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GRENA ON V287 AND T355 NORTHBOUND. - COURSE CHANGE BEYOND 90 DEGREES.

**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** AMGR, ZSE.

**FLIGHT CHECKED BY**

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021, SUBJECT: GUIDANCE FOR PROCEDURAL CHANGES  
REQUIRING FLIGHT INSPECTION/VALIDATION

**OFFICE****DATE**

*Digitally signed by*  
**JOHN BORDY**  
Nov 26, 2021

**DEVELOPED BY**

JOHN BORDY (ANDRE TUCKER)

*Digitally signed by*

**JOHN BORDY**

**OFFICE**

AJV-A422

**DATE**

06/30/2021

**APPROVED BY**

MARLON ROBINSON

*Digitally signed by*

**JOHN BORDY**

Nov 26, 2021

**OFFICE**

AJV-A420

**DATE**

**TITLE**  
MANAGER

