

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> O60	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 32	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> CLOVERDALE	<u>STATE</u> CA		
<u>AIRPORT ELEVATION</u> 276	<u>TDZE</u> 276	<u>SUPERSEDED</u> RNAV (GPS) RWY 32	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 11/25/2004	<u>MAG VAR</u> 16E	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 12 AUGUST 2021	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES      THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 21-15

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ROZZA	IAF	HOTIN		TF	FB	1.00	321.36	5.37	3100
HOTIN	IF	CIMAX		TF	FB	1.00	313.43	6.74	2500
CIMAX	FAF	TAKUY	MAP	TF	FO	0.30	314.00	4.20	
TAKUY	MAP	676 MSL		CA			314.00		
676 MSL		NATIC		DF	FO	1.00			6000

MISSED APPROACH

MAP:

LNAV: TAKUY

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 6000 DIRECT NATIC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT      SIDE OF COURSE      OUTBOUND      FT WITHIN      MILES OF      (IAF)
- PROFILE STARTS AT HOTIN
- FAC: 314.00      FAF: CIMAX      DIST FAF TO MAP: 4.20      DIST FAF TO THLD: 5.89
- MIN ALT:      HOTIN 3100, CIMAX 2500
- 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:      TAKUY 6000

QUALITY  
18  
CHECKED

**PBN REQUIREMENTS NOTE:**

RNP APCH-GPS.

**NOTES:**

CHART NOTE: CIRCLING CAT C NA NORTHEAST OF RWY 14-32.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART NOTE: PROCEDURE NA AT NIGHT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ROZZA ON V301 NORTH BOUND, V108 NORTHWEST BOUND AND V494 WEST BOUND.

CHART NOTE: USE SANTA ROSA ALTIMETER SETTING. ←

**ADDITIONAL FLIGHT DATA:**

CHART: HEALDSBURG MUNI AIRPORT (KHES).

981 AAO 384127N/1225531W

CHART SANTA ROSA ASOS ←

HOLD SE, LT, 336.00 INBOUND.

CHART FAS OBST: 864 AAO 384319N/1225652W.

CHART CIRCLING ICON.

CIMAX TO RW32: 3.5/40.

CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 2.68 DEGREES.

**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	1320	2	1044	1320	2	1044	1320	3	1044		NA				
CIRCLING	1500	2	1224	2180	2	1904	2180	3	1904		NA				



**CHANGES - REASONS**

1. T-NOTAM FDC 0/1501 INCORPORATED IN THIS PROCEDURE.
2. TERMINAL ROUTES CHANGED: IAF STS VOR/DME ADDED REPLACED WITH FIX ROZZA - PER FPT REQUEST, VOR MON DECOMMISSIONING OF STS VOR.
3. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMBING LEFT TURN TO 6000 DIRECT NATIC WP AND HOLD" TO "CLIMBING LEFT TURN TO 6000 DIRECT NATIC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000." - NEW TERRAIN EVALUATION.
4. CHANGED FAC FROM 313.62 TO 314.00 ON PROFILE LINE 3 - FAF MOVED TO MATCH VGSI DESCENT ANGLE.
5. ADDED DIST FAF TO MAP 4.20 AND DIST FAF TO THLD FROM 6.68 TO 5.89 ON LINE 3 - 8260.19I 8-6-7. C. (1), FAF CIMAX MOVED TO ALIGN WITH FINAL.
6. ADDED 34:1 IS NOT CLEAR AND 20:1 IS NOT CLEAR TO PROFILE LINE 7 - 34:1 AND 20:1 HAVE PENETRATIONS.
7. CHANGED PROFILE LINE 8 MSA: FROM "TAKUY WP 6100" TO "TAKUY 6000" - NEW CONTROLLING OBSTACLE.
8. ADDED PBN REQUIREMENTS NOTE "RNP APCH-GPS" - PER 8260.19I PARA 8-6-8 B(2).
9. DELETED CHART NOTE: GPS OR RNP-0.3 REQUIRED. DME/DME RNP-0.3 NA - NOT REQUIRED BY CURRENT CRITERIA, 8260.19I, 8-6-8, N.
10. CHANGED PLANVIEW NOTE: "PROCEDURE NA FOR ARRIVAL AT STS VOR/DME VIA V494 SOUTHBOUND" TO "PROCEDURE NA FOR ARRIVALS AT ROZZA ON V301 NORTH BOUND, V108 NORTHWEST BOUND AND V494 WEST BOUND" - VOR MON DECOMMISSIONING OF STS VOR.
11. REMOVED CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT - GPA HAS THE SAME VALUE AS THE VGSI.
12. ADDED CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED - 8260.19I, 8-6-11.K (3).
13. CHANGED CHART FAS OBST: FROM "939 TOWER 384438N/1225857W" TO "864 AAO 384319N/1225652W" - NEW CONTROLLING OBSTACLE.
14. CHANGED "CIMAX TO RW32: 3.09/40" TO "CIMAX TO RW32: 3.5/40" - 8260.19I 8-6-10.O.1, GPA CHANGED FROM 3.09 TO 3.5 PER FPT REQUEST.
15. ADDED CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 2.68 DEGREES - 8260.19H 8-6-10.G.
16. ADDED CHART CIRCLING ICON - NEW CIRCLING CRITERIA APPLIED PER 8260.3D.
17. REMOVED "FINAL SEGMENT (TF)" FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED.
18. CHANGED CHART: "HEALDSBURG MUNI AIRPORT (K031)" TO "HEALDSBURG MUNI AIRPORT (KHES)" - CHANGE TO ICAO IDENTIFIER.
19. UPDATED CA LEG ALTITUDE FROM "672" TO "676". - IAW 8260.58A 3-5-3B, CHANGED TDZE FROM 271 TO 276, PER AIRNAV DATA.
20. CHANGED LNAV MINIMUMS MDA/HAA FROM "1440/1169" TO "1320/1044" - NEW MISSED APPROACH CAT C CONTROLLING OBSTACLE, MISSED APPROACH DRIVEN.
21. CHANGED CIRCLING CAT A MDA/HAA FROM "1440/1168" TO "1640/1364", CAT B MDA/HAA FROM "1440/1168" TO "2180/1904" AND CAT C MDA/HAA FROM "1640/1368" TO "2180/1904" - NEW CONTROLLING OBSTACLES.
22. CHANGED CHART NOTE: "WHEN SANTA ROSA/SONOMA CO. ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA" TO "USE SANTA ROSA/SONOMA CO. ALTIMETER SETTING" - 8260.19I 8-6-9.F (6).
23. ADDITIONAL FLIGHT DATA: ADDED 7:1 EXCLUDED OBST: 981 AAO 384127N/1225531W - NEW TERRAIN EVALUATION.
24. ADDITIONAL FLIGHT DATA: ADDED CHART CHARLES M SCHULZ - SONOMA COUNTY ASOS-3 - 8260.19I 8-2-4(3).

06/23/2021: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON: 03/05/2021:

1. CHANGED CHART NOTE FROM: "USE SANTA ROSA/SONOMA CO. ALTIMETER SETTING" TO: "USE SANTA ROSA ALTIMETER SETTING."
2. CHANGED "CHART CHARLES M SCHULZ - SONOMA COUNTY ASOS-3" TO "CHART SANTA ROSA ASOS" IN ADDITIONAL FLIGHT DATA.
3. CHANGED ALL REFERENCES OF "SANTA ROSA/SONOMA CO. ALTIMETER SETTING" TO "SANTA ROSA ALTIMETER SETTING."

**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZOA, ARPT AMGR

**FLIGHT CHECKED BY**

DANIEL CHARLES FAVORITE

*Digitally signed by*

**DAVID TEFFETELLER**

Jun 23, 2021

**OFFICE**

FIOG

**DATE**

03/02/2021

**DEVELOPED BY**

JON DENTON (SILVIA YOUNG)

*Digitally signed by*

**DAVID TEFFETELLER**

Jun 23, 2021

**OFFICE**

AJV-A432

**DATE**

01/14/2021

**APPROVED BY**

LONNIE EVERHART

*Digitally signed by*

**DAVID TEFFETELLER**

Jun 23, 2021

**OFFICE**

AJV-A430

**DATE****TITLE**

MANAGER

