

**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.

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|-------------------------------|--|--|---|----------------------------|-----------------------|---------------------------|
| <u>AIRPORT ID</u> KDVO | <u>PROCEDURE NAME</u> RNAV (GPS) RWY 13 | <u>ORIGINAL/AMENDMENT</u> 2 | <u>CITY</u> NOVATO | <u>STATE</u> CA | | |
| <u>AIRPORT ELEVATION</u> 4 | <u>TDZE</u> 4 | <u>SUPERSEDED</u> RNAV (GPS) RWY 13 | <u>ORIGINAL/AMENDMENT</u> 1 | <u>DATED</u> 08/12/2021 | <u>MAG VAR</u> 16E | <u>EPOCH YEAR</u> 1995 |
| <u>FACILITY</u> RNAV | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u> 23 FEBRUARY 2023 | <u>REQUIRED EFFECTIVE DATE</u> ROUTINE | <u>CANCEL/SUSPEND</u> | | |

TERMINAL ROUTES

| FROM | FIX TYPE | TO | FIX TYPE | LEG TYPE | FO/FB | RNP | COURSE | DISTANCE | ALTITUDE |
|---------|----------|------------|----------|----------|-------|------|--------|----------|----------|
| ROZZA | | RACFE | | TF | FB | 1.00 | 132.21 | 4.78 | 5000 |
| RACFE | IAF | ORIBY | | TF | FB | 1.00 | 132.49 | 10.19 | 3000 |
| ORIBY | IF | EYEJI | | TF | FB | 1.00 | 139.54 | 4.72 | 2000 |
| EYEJI | FAF | GOVLE | MAP | TF | FO | 0.30 | 140.24 | 4.75 | |
| GOVLE | MAP | 404 MSL | | CA | | | 140.24 | | |
| 404 MSL | | SGD VORTAC | | DF | FO | 1.00 | | | 4200 |

MISSED APPROACH

MAP:

LP: GOVLE
 LNAV: GOVLE

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 4200 DIRECT SGD VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4200.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



MINIMUMS:

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

ALTERNATE: NA CAT A, B 1100-2, 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 | 820 | 1 | 816 | 820 | 1 1/4 | 816 | | NA | | | NA | | | | | |
| LNAV MDA | 1100 | 1 1/4 | 1096 | 1100 | 1 1/2 | 1096 | | NA | | | NA | | | | | |
| CIRCLING | 1100 | 1 1/4 | 1096 | 1100 | 1 1/2 | 1096 | | NA | | | NA | | | | | |

CHANGES - REASONS

- ADDED LP MINIMUMS - PER ATC/FPT REQUEST.
- LOWERED LNAV MDA FROM 1300 TO 1100 - NO MISSED APPROACH PENETRATION EXISTS.
- LOWERED CIRCLING CAT A AND B CMDA FROM 1300 TO 1100 - STRAIGHT-IN LNAV MDA LOWERED.
- LNAV FINAL CONTROLLING OBSTACLE CHANGED FROM 939 TREE 380838.93N/1223432.84W TO 939 TREE 380842.76N/1223433.75W -- BASED ON MANUAL TERRAIN EVALUATION.
- REMOVED ADDITIONAL FLIGHT DATA NOTE: CHART FAS OBST: 939 TREE 380839N/1223433W -- NO LONGER LNAV CONTROLLING OBSTACLE.
- ADDED ADDITIONAL FLIGHT DATA NOTE: CHART FAS OBST: 939 TREE 380843N/1223434W -- NEW LNAV CONTROLLING OBSTACLE.
- ADDED ADDITIONAL FLIGHT DATA NOTE: FAS OBST: 560 AAO 381145N/1223544W -- LP CONTROLLING OBSTACLE.
- CHANGED ADDITIONAL FLIGHT DATA NOTE: FROM CHART VDP AT 3.14 NM TO GOVLE TO CHART VDP AT 1.86 NM TO GOVLE -- LNAV MDA CHANGED FROM 1300 TO 1100.
- CHANGED MISSED APPROACH INSTRUCTIONS: FROM CLIMBING LEFT TURN TO 4200 DIRECT SKAGGS ISLAND VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4200 TO CLIMBING LEFT TURN TO 4200 DIRECT SGD VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4200 -- IAW 8260.19I 8-6-6(D).
- CHANGED ALTERNATE MINIMUMS: FROM CAT A, B 1300-2, NA WHEN LOCAL WEATHER NOT AVAILABLE TO CAT A, B 1100-2, NA WHEN LOCAL WEATHER NOT AVAILABLE -- HIGHEST MDA LOWERED FROM 1300 TO 1100.
- ADDED ADDITIONAL FLIGHT DATA NOTE: CHART FICTITIOUS THRESHOLD POINT: 380850.201N/1223337.868W -- IAW 8260.19I 8-6-10(G).
- ADDED ADDITIONAL FLIGHT DATA NOTE: FTP HAE: -30.7 M -- IAW 8260.19I 8-6-10(J).

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: ZOA, ARPT MGR

FLIGHT CHECKED BY

DANIEL C FAVORITE

Digitally signed by
DAVID TEFFETELLER
Dec 23, 2022

OFFICE

FPO

DATE

12/15/2022

DEVELOPED BY

KARLIE BUNTIN

Digitally signed by
KARLIE B BUNTIN
Nov 14, 2022

OFFICE

AJV-A432

DATE

10/26/2022

APPROVED BY

CASIMIR TABAKA

Digitally signed by
CASIMIR L TABAKA
Nov 17, 2022

OFFICE

AJV-A432

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

| <u>DATA FIELD</u> | <u>DATA</u> |
|--|---------------|
| OPERATION TYPE | 0 |
| SBAS SERVICE PROVIDER IDENTIFIER | 0 |
| AIRPORT IDENTIFIER | KDVO |
| RUNWAY | RW13 |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W13A |
| LTP/FTP LATITUDE | 380850.2005N |
| LTP/FTP LONGITUDE | 1223337.8675W |
| LTP/FTP ELLIPSOIDAL HEIGHT | -00307 |
| FPAP LATITUDE | 380728.5440N |
| FPAP LONGITUDE | 1223252.4235W |
| THRESHOLD CROSSING HEIGHT (TCH) | 00035.0 |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F |
| GLIDEPATH ANGLE (GPA) | 03.69 |
| COURSE WIDTH AT THRESHOLD | 106.75 |
| LENGTH OFFSET | 0000 |
| HORIZONTAL ALERT LIMIT (HAL) | 40.0 |
| VERTICAL ALERT LIMIT (VAL) | 0.0 |
| | |
| CRC REMAINDER | 4B5F3205 |

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|-------------------------|--------|
| ICAO CODE | K2 |
| LTP ORTHOMETRIC HEIGHT | +00012 |
| FPAP ORTHOMETRIC HEIGHT | +00012 |

