

**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</u><br>HOMER        | <u>AIRPORT ID</u><br>PAHO        | <u>PROCEDURE NAME</u><br>RNAV (GPS) Z RWY 4  | <u>ORIGINAL/AMENDMENT</u><br>1C           | <u>CITY</u><br>HOMER       | <u>STATE</u><br>AK        |
| <u>AIRPORT ELEVATION</u><br>84 | <u>TDZE</u><br>78                | <u>SUPERSEDED</u><br>RNAV (GPS) Z RWY 4      | <u>ORIGINAL/AMENDMENT</u><br>1B           | <u>DATED</u><br>07/24/2014 | <u>MAG VAR</u><br>17E     |
| <u>FACILITY</u><br>RNAV        | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u><br>20 JUNE 2019 | <u>REQUIRED EFFECTIVE DATE</u><br>ROUTINE | <u>CANCEL/SUSPEND</u>      | <u>EPOCH YEAR</u><br>2015 |

**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> |
|-------------|-----------------|-----------|-----------------|-----------------|--------------|------------|---------------|-----------------|-----------------|
| JEKEX       | IAF             | IRACI     |                 | TF              | FB           | 1.00       | 319.29        | 2.96            | 3800            |
| IRACI       |                 | HUMOD     |                 | TF              | FB           | 1.00       | 319.26        | 4.00            | 3400            |
| ELDOH       | IAF             | HUMOD     |                 | TF              | FB           | 1.00       | 125.35        | 8.61            | 3400            |
| HUMOD       | IF              | FOVPU     |                 | TF              | FB           | 1.00       | 037.66        | 9.16            | 2000            |
| FOVPU       | PFAF            | RW04      | MAP             | TF              | FO           | 0.30       | 037.87        | 5.88            |                 |
| RW04        | MAP             | 500 MSL   |                 | CA              |              |            | 037.87        |                 | 500             |
| 500 MSL     |                 | HUMOD     |                 | DF              | FO           | 1.00       |               |                 | 3500            |

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 3500 DIRECT HUMOD AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT      SIDE OF COURSE      OUTBOUND      FT WITHIN      MILES OF (IAF)

2. PROFILE STARTS AT HUMOD

3. FAC: 037.87      PFAF: FOVPU      DIST FAF TO MAP:      DIST FAF TO THLD:

4. MIN ALT: HUMOD 3400, FOVPU 2000

5. DIST TO THLD FROM OM: 5.88      MM:      IM:      150 HAT:      366 HAT: 0.97      GS ANT:

6. MIN GP INCPT: 2000      GP ALT AT FAF : FOVPU 2000      OM:      MM:      IM:

7. GP ANGLE: 3.00      34:1: IS CLEAR      20:1: IS CLEAR      TCH: 56.0

8. MSA FROM: RW04 7100

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21°C OR ABOVE 54°C.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ELDOH ON V321 SOUTHWEST BOUND.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT JEKEX ON V439 SOUTHBOUND.  
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV ALL CATS.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

WAAS CHANNEL #86302  
REFERENCE PATH ID: W04A  
HOLD SW, RT, 037.66 INBOUND  
LTP HAE: 30.8 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD

| 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 |
| LPV DA       | 444    | 1     | 366     | 444    | 1     | 366     | 444    | 1     | 366     | 444    | 1     | 366     |        |     |         |
| LNAV/VNAV DA | 558    | 1 3/8 | 480     | 558    | 1 3/8 | 480     | 558    | 1 3/8 | 480     | 558    | 1 3/8 | 480     |        |     |         |

CHANGES - REASONS

- 1. ADDED "CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - PROCEDURE TCH 56.0, VGSI TCH 52.1.
- 2. REMOVED CHART NOTE: DME/DME RNP-0.3 NA. AND ADDED RNP APCH TO PBN REQUIREMENTS NOTE. - REFLECT CURRENT CRITERIA IAW 8260.19H 8-6-8.
- 3. DELETED NOTE "FOR INOPERATIVE MALSF, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 5/8" - PER VISCHECK TOOL.
- 4. ADDED NOTE "INOPERATIVE TABLE DOES NOT APPLY TO LPV ALL CATS" - PER VISCHECK TOOL.
- 5. ADDED "20:1 IS CLEAR" ON LINE 7 - PER .19H PARA 8-6-7G (3).
- 6. REMOVED FAHRENHEIT FROM BARO-VNAV NOTE - NO LONGER REQUIRED.
- 7. CRC REMAINDER CHANGED FROM CFAF1FC6 TO 194313BE. - LTP LONGITUDE CHANGED .0057.
- 8. MOVED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA. TO BACK OF -9 FOR RECORDKEEPING. - PAHO ON WMSCR.
- 9. CHANGES FROM P-NOTAMS FOR AMDT 1A AND 1 B INCORPORTATED INTO FORM - IAW 8260.19H PARA 8-3-4C(3).

05/14/2019: THIS IS A CORRECTED COPY OF THE FOR APPROVED ON 05/02/2019  
CHANGED LINE 3 ENTRY FAF:FOVPU TO PFAF: FOVPU



COORDINATED WITH:

A4A ☒    ALPA ☒    AOPA ☒    APA ☐    HAI ☐    NBAA ☒    OTHER: ZAN, ENA FSS, AMGR

FLIGHT CHECKED BY

DANIEL STRICKER

*Digitally signed by*  
**CASIMIR L TABAKA**  
May 02, 2019

OFFICE

FICO

DATE

4/23/19

DEVELOPED BY

JULIE A. MORGAN (ANDRE TUCKER)

*Digitally signed by*  
**CASIMIR L TABAKA**  
May 02, 2019

OFFICE

AJV-5420

DATE

11/20/2018

APPROVED BY

JULIE MORGAN

*Digitally signed by*  
**CASIMIR L TABAKA**  
May 02, 2019

OFFICE

AJV-5420

DATE

TITLE  
MANAGER



FAS DATA BLOCK INFORMATION

| <u>DATA FIELD</u>                        | <u>DATA</u>   |
|------------------------------------------|---------------|
| OPERATION TYPE                           | 0             |
| SBAS SERVICE PROVIDER IDENTIFIER         | 0             |
| AIRPORT IDENTIFIER                       | PAHO          |
| RUNWAY                                   | RW04          |
| APPROACH PERFORMANCE DESIGNATOR          | 0             |
| ROUTE INDICATOR                          | Z             |
| REFERENCE PATH DATA SELECTOR             | 0             |
| REFERENCE PATH IDENTIFIER (APPROACH ID)  | W04A          |
| LTP/FTP LATITUDE                         | 593825.0525N  |
| LTP/FTP LONGITUDE                        | 1512929.1495W |
| LTP/FTP ELLIPSOIDAL HEIGHT               | +00308        |
| FPAP LATITUDE                            | 593915.9975N  |
| FPAP LONGITUDE                           | 1512705.2825W |
| THRESHOLD CROSSING HEIGHT (TCH)          | 00056.0       |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F             |
| GLIDEPATH ANGLE (GPA)                    | 03.00         |
| COURSE WIDTH AT THRESHOLD                | 106.75        |
| LENGTH OFFSET                            | 0712          |
| HORIZONTAL ALERT LIMIT (HAL)             | 40.0          |
| VERTICAL ALERT LIMIT (VAL)               | 50.0          |
| CRC REMAINDER                            | 194313BE      |

ADDITIONAL PATH POINT RECORD INFORMATION

|                         |        |
|-------------------------|--------|
| ICAO CODE               | PA     |
| LTP ORTHOMETRIC HEIGHT  | +00215 |
| FPAP ORTHOMETRIC HEIGHT | +00215 |

