

**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><br>PAVL      | <u><b>PROCEDURE NAME</b></u><br>RNAV (GPS) RWY 30 | <u><b>ORIGINAL/AMENDMENT</b></u><br>1C                  | <u><b>CITY</b></u><br>KIVALINA                   | <u><b>STATE</b></u><br>AK         |                              |                                  |
| <u><b>AIRPORT ELEVATION</b></u><br>18 | <u><b>TDZE</b></u><br>18                          | <u><b>SUPERSEDED</b></u><br>RNAV (GPS) RWY 30           | <u><b>ORIGINAL/AMENDMENT</b></u><br>1B           | <u><b>DATED</b></u><br>06/17/2021 | <u><b>MAG VAR</b></u><br>15E | <u><b>EPOCH YEAR</b></u><br>2005 |
| <u><b>FACILITY</b></u><br>RNAV        | <u><b>COORDINATES OF FACILITIES</b></u>           | <u><b>ACTUAL EFFECTIVE DATE</b></u><br>8 SEPTEMBER 2022 | <u><b>REQUIRED EFFECTIVE DATE</b></u><br>ROUTINE | <u><b>CANCEL/SUSPEND</b></u>      |                              |                                  |

**TAA**

| <b>FROM</b>         | <b>FIX TYPE</b> | <b>TO</b>        | <b>FIX TYPE</b> | <b>ALTITUDE</b> |
|---------------------|-----------------|------------------|-----------------|-----------------|
| 1. 213/30 CW 302/30 | NOPT            | 213/6 CW 302/6   |                 | 4500            |
| 2. 213/6 CW 302/6   |                 | DINEC            | IF/IAF          | 3000            |
| 3. 302/30 CW 032/30 | NOPT            | 302/15 CW 032/15 |                 | 4000            |
| 4. 302/15 CW 032/15 |                 | DINEC            | IF/IAF          | 3000            |
| 5. 032/30 CW 122/30 |                 | WULSI            | IAF             | 4000            |
| 6. 122/30 CW 213/30 |                 | 122/15 CW 213/15 |                 | 5000            |
| 7. 122/15 CW 213/15 |                 | ZADUS            | IAF             | 4000            |

**TERMINAL ROUTES**

| <b>FROM</b> | <b>FIX TYPE</b> | <b>TO</b> | <b>FIX TYPE</b> | <b>LEG TYPE</b> | <b>FO/FB</b> | <b>RNP</b> | <b>COURSE</b> | <b>DISTANCE</b> | <b>ALTITUDE</b> |
|-------------|-----------------|-----------|-----------------|-----------------|--------------|------------|---------------|-----------------|-----------------|
| ZADUS       | IAF             | DINEC     | NOPT            | TF              | FB           | 1.00       | 212.59        | 6.00            | 3000            |
| WULSI       | IAF             | DINEC     | NOPT            | TF              | FB           | 1.00       | 032.23        | 6.00            | 3000            |
| DINEC       | IF/IAF          | BAYAR     |                 | TF              | FB           | 1.00       | 302.41        | 6.00            | 1700            |
| BAYAR       | FAF             | WOTKO     | MAP             | TF              | FO           | 0.30       | 302.24        | 4.78            |                 |
| WOTKO       | MAP             | 380 MSL   |                 | CA              |              |            | 302.24        |                 |                 |
| 380 MSL     |                 | CALGA     |                 | DF              | FO           | 1.00       |               |                 | 3000            |



MISSED APPROACH

MAP:  
LNAV: WOTKO

MISSED APPROACH INSTRUCTIONS:  
CLIMB TO 3000 DIRECT CALGA AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

|                                                                               |                        |                |                       |                        |       |
|-------------------------------------------------------------------------------|------------------------|----------------|-----------------------|------------------------|-------|
| 1. PT                                                                         | SIDE OF COURSE         | OUTBOUND       | FT WITHIN             | MILES OF               | (IAF) |
| 2. HOLD SE DINEC, RT, 302.41 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000. |                        |                |                       |                        |       |
| 3. FAC:                                                                       | 302.24                 | FAF: BAYAR     | DIST FAF TO MAP: 4.78 | DIST FAF TO THLD: 5.18 |       |
| 4. MIN ALT:                                                                   | DINEC 3000, BAYAR 1700 |                |                       |                        |       |
| 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: IS CLEAR         | 20:1: IS CLEAR | TCH:                  |                        |       |
| 8. MSA FROM:                                                                  |                        |                |                       |                        |       |

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: VDP NA WITH NOATAK ALTIMETER SETTING.  
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NOATAK ALTIMETER SETTING AND INCREASE ALL MDAS 340 FEET AND VISIBILITY LNAV CAT C 1 SM, CIRCLING CAT B 1/4 SM, AND CIRCLING CAT C 1 1/4 SM.

ADDITIONAL FLIGHT DATA:

CHART ANCHORAGE CENTER FREQUENCY.  
HOLD NW, RT, 121.75 INBOUND.  
CHART FAS OBST: 115 TOWER (02-020308) 674335N/1643217W.  
CHART VDP AT 0.61 NM TO WOTKO.  
CHART CIRCLING ICON.  
BAYAR TO RW30: 3.00/40.

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 |
| LNAV MDA   | 380    | 1   | 362     | 380    | 1   | 362     | 380    | 1     | 362     |        | NA  |         |        |     |         |
| CIRCLING   | 440    | 1   | 422     | 560    | 1   | 542     | 560    | 1 1/2 | 542     |        | NA  |         |        |     |         |



**CHANGES - REASONS**

1. ADDED PBN REQUIREMENTS NOTE RNP APCH - GPS - IAW 8260.19I 8-6-8B(2).
2. CHANGED TDZE FROM 13 TO 18, LNAV MDA MINIMUMS CHANGED FROM MDA 380/HAT 367 TO MDA 380/HAT 362 - NEW AIRNAV DATA.
3. DELETED NOTE DME/DME RNP 0-3 NA - NO LONGER REQUIRED.
4. ADDED CHART CIRCLING ICON - IAW 8260.19I PARA 8-6-10.S.
5. CHANGED BACKUP ALTIMETER NOTE FROM WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NOATAK ALTIMETER SETTING AND INCREASE ALL MDAS 340 FEET AND LNAV CAT C VISIBILITY 1 SM AND CIRCLING  
CAT B VISIBILITY 1/4 SM, CAT C 1 1/4 SM TO CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NOATAK ALTIMETER SETTING AND INCREASE ALL MDAS 340 FEET AND VISIBILITY LNAV CAT C 1 SM, CIRCLING  
CAT B 1/4 SM AND CIRCLING CAT C 1 1/4 SM - IAW 8260.19I PARA 8-6-11.N.(1).(A).
6. ADDED MISSED APPROACH INSTRUCTION ", CONTINUE CLIMB-IN-HOLD TO 3000." IAW 8260.19I. PARA 8-6-6.G.(1) ALSO, CALGA REV 1 PUB 7/31/08 DOCUMENTED C-I-H INFO.
7. CHANGED VDP NOTE IN ADDITIONAL FLIGHT DATA FROM CHART VDP AT 0.63 NM TO WOTKO TO CHART VDP 0.61 TO WOTKO - NEW TARGETS EVALUATION.
8. DELETED CHART NOATAK AWOS, 135.75 FREQUENCY FROM ADDITIONAL FLIGHT DATA - PRIMARY ALTIMETER IS PAVL.
9. TERMINAL ROUTES ADDED FAF TO MA SEGMENTS - IAW 8260.19I PARA 8-6-4.A.(6).
10. ADDED FAS OBSTACLE: 115 TOWER (02-020308) 674335N/1643217W. - IAW 8260.19I PARA 8-6-10.C.
11. CHANGED LINE 7 34:1 IS NOT CLEAR TO 34:1 IS CLEAR - NEW EVALUATION SHOWS NO PENETRATION.
12. ADDED LINE 7 20:1 IS CLEAR - IAW 8260.19I PARA 8-6-7.G(3)(A).
13. ADDLED LINE 2 MAX 6000 - IAW 8260.19I PARA 8-6-7.B.(2).
14. ADDED ADDITIONAL FLIGHT DATA ENTRY CHART ANCHORAGE CENTER FREQUENCY - IAW 8260.19I PARA 8-2-4.B.(1).
15. CHANGES FROM P-NOTAMS FOR AMDT 1A & AMDT 1B INCORPORATED INTO FORM - IAW 8260.19I PARA 8-3-4C(3).
16. THIS CANCELS T-NOTAM 1/2423.

**COORDINATED WITH:**A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER:**FLIGHT CHECKED BY**

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

**OFFICE****DATE** Digitally signed by  
**DONALD E SMITH**  
May 09, 2022**DEVELOPED BY**

WILLIAM D. MELTON

Digitally signed by  
**WILLIAM D MELTON****OFFICE**  
AJV-A411**DATE**  
12/08/2021**APPROVED BY**

JULIE MORGAN

Mar 31, 2022

**OFFICE**  
AJV-A410**DATE****TITLE**  
MANAGERDigitally signed by  
**DONALD E SMITH**  
Apr 06, 2022