

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><br>6E5         | <u>PROCEDURE NAME</u><br>RNAV (GPS) RWY 16 | <u>ORIGINAL/AMENDMENT</u><br>ORIG                | <u>CITY</u><br>DESMET                                                            | <u>STATE</u><br>SD                                |
| <u>AIRPORT ELEVATION</u><br>1730 | <u>TDZE</u><br>1729                        | <u>SUPERSEDED</u>                                | <u>ORIGINAL/AMENDMENT</u><br>NONE                                                | <u>DATED</u>                                      |
| <u>FACILITY</u><br>RNAV          | <u>COORDINATES OF FACILITIES</u>           | <u>ACTUAL EFFECTIVE DATE</u><br>5 SEPTEMBER 2024 | <u>REQUIRED EFFECTIVE DATE</u><br>CONCURRENT WITH AIRSPACE<br>DOCKET # 20-AGL-14 | <u>MAG VAR</u><br>3E<br><u>EPOCH YEAR</u><br>2025 |
|                                  |                                            |                                                  |                                                                                  | <u>CANCEL/SUSPEND</u>                             |

TAA

| <u>FROM</u>         | <u>FIX TYPE</u> | <u>TO</u>        | <u>FIX TYPE</u> | <u>ALTITUDE</u> |
|---------------------|-----------------|------------------|-----------------|-----------------|
| 1. 066/30 CW 247/30 | NOPT            | 066/10 CW 247/10 |                 | 4600            |
| 2. 066/10 CW 247/10 |                 | EFIHO            | IF/IAF          | 3500            |
| 3. 247/30 CW 336/30 |                 | 247/10 CW 336/10 |                 | 3700            |
| 4. 247/10 CW 336/10 |                 | UGZIG            | IAF             | 3500            |
| 5. 336/30 CW 066/30 |                 | OYLEC            | IAF             | 3500            |

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> |
|-----------------------|-----------------|-----------------------|-----------------|-----------------|--------------|------------|---------------|-----------------|-----------------|
| OYLEC                 | IAF             | EFIHO                 | NOPT            | TF              | FB           | 1.00       | 066.39        | 6.35            | 3500            |
| UGZIG                 | IAF             | EFIHO                 | NOPT            | TF              | FB           | 1.00       | 246.58        | 6.35            | 3500            |
| EFIHO                 | IF/IAF          | GOZRU                 |                 | TF              | FB           | 1.00       | 156.48        | 5.01            | 3400            |
| GOZRU                 | FAF             | CEDTA/1.81 NM TO RW16 |                 | TF              | FB           | 0.30       | 156.51        | 3.33            |                 |
| CEDTA/1.81 NM TO RW16 |                 | RW16                  | MAP             | TF              | FO           | 0.30       | 156.51        | 1.81            |                 |
| RW16                  | MAP             | 1979 MSL              |                 | CA              |              |            | 156.51        |                 |                 |
| 1979 MSL              |                 | JAPPY                 |                 | DF              | FO           | 1.00       |               |                 | 3600            |

MISSED APPROACH

MAP:

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW16

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3600 DIRECT JAPPY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

|    |                                                                            |                                                    |                 |              |                  |          |                   |      |          |      |         |  |  |     |  |
|----|----------------------------------------------------------------------------|----------------------------------------------------|-----------------|--------------|------------------|----------|-------------------|------|----------|------|---------|--|--|-----|--|
| 1. | PT                                                                         | SIDE OF COURSE                                     | OUTBOUND        | FT WITHIN    | MILES OF         | (IAF)    |                   |      |          |      |         |  |  |     |  |
| 2. | HOLD NW EFIHO, RT, 156.48 INBOUND, 3500 FT. IN LIEU OF PT (IAF), MAX 6000. |                                                    |                 |              |                  |          |                   |      |          |      |         |  |  |     |  |
| 3. | FAC:                                                                       | 156.51                                             | FAF:            | GOZRU        | DIST FAF TO MAP: | 5.14     | DIST FAF TO THLD: | 5.14 |          |      |         |  |  |     |  |
| 4. | MIN ALT:                                                                   | EFIHO 3500, GOZRU 3400, CEDTA/1.81 NM TO RW16 2340 |                 |              |                  |          |                   |      |          |      |         |  |  |     |  |
| 5. | DIST TO THLD FROM OM:                                                      |                                                    | MM:             |              | IM:              |          | 150 HAT:          |      | 250 HAT: | 0.68 | GS ANT: |  |  |     |  |
| 6. | MIN GP INCPT:                                                              | 3400                                               | GP ALT AT PFAF: | GOZRU 3400   |                  |          |                   |      | OM:      |      | MM:     |  |  | IM: |  |
| 7. | GP ANGLE:                                                                  | 3.00                                               | 34:1:           | IS NOT CLEAR | 20:1:            | IS CLEAR | TCH:              | 34.0 |          |      |         |  |  |     |  |
| 8. | MSA FROM:                                                                  |                                                    |                 |              |                  |          |                   |      |          |      |         |  |  |     |  |

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 54°C.  
CHART NOTE: RWY 16 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING MDS ALTIMETER SETTING.  
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MDS ALTIMETER SETTING AND INCREASE LPV DA TO 2055 FEET; INCREASE LNAV/VNAV DA TO 2200 FEET AND ALL VISIBILITIES 1/2 SM. INCREASE ALL MDAS 80 FEET.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 336.60 INBOUND.  
FAS OBST: 1866 TREE 442633N/0973427W.  
CHART VDP AT 1.13 NM TO RW16.  
WAAS CHANNEL # 49246  
REFERENCE PATH ID: W16A  
LTP HAE: 501.9 M

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 |
| LPV DA       | 1979   | 1     | 250     | 1979   | 1     | 250     |        | NA  |         |        | NA  |         |        |     |         |
| LNAV/VNAV DA | 2120   | 1 1/8 | 391     | 2120   | 1 1/8 | 391     |        | NA  |         |        | NA  |         |        |     |         |
| LNAV MDA     | 2120   | 1     | 391     | 2120   | 1     | 391     |        | NA  |         |        | NA  |         |        |     |         |
| CIRCLING     | 2180   | 1     | 450     | 2220   | 1     | 490     |        | NA  |         |        | NA  |         |        |     |         |

CHANGES - REASONS

ORIG PROCEDURE

07/29/2024: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 07/19/2024  
1. CHANGED TAA LINE 4 FIX FROM EFIHO TO UGZIG  
2. CHANGED TAA LINE 5 FIX FROM EFIHO TO OYLEC  
3. ADDED CIRCLING CAT B MIN VIS OF 1 SM



COORDINATED WITH:

A4A

☐

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER: AMGR, ZMP

FLIGHT CHECKED BY

GLEN BURSON FREEMAN

Digitally signed by

ROBERT G HAMILTON

Jul 29, 2024

OFFICE

FIOG

DATE

07/17/2024

DEVELOPED BY

JOHN BORDY (PHILLIP SMART)

Digitally signed by

ROBERT G HAMILTON

Jul 29, 2024

OFFICE

AJV-A433

DATE

02/15/2024

APPROVED BY

JOHN BORDY

Digitally signed by

ROBERT G HAMILTON

Jul 29, 2024

OFFICE

AJV-33

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

| DATA FIELD                               | DATA          |
|------------------------------------------|---------------|
| OPERATION TYPE                           | 0             |
| SBAS SERVICE PROVIDER IDENTIFIER         | 0             |
| AIRPORT IDENTIFIER                       | 6E5           |
| RUNWAY                                   | RW16          |
| APPROACH PERFORMANCE DESIGNATOR          | 0             |
| ROUTE INDICATOR                          |               |
| REFERENCE PATH DATA SELECTOR             | 0             |
| REFERENCE PATH IDENTIFIER (APPROACH ID)  | W16A          |
| LTP/FTP LATITUDE                         | 442616.0870N  |
| LTP/FTP LONGITUDE                        | 0973338.2870W |
| LTP/FTP ELLIPSOIDAL HEIGHT               | +05019        |
| FPAP LATITUDE                            | 442452.6040N  |
| FPAP LONGITUDE                           | 0973254.8405W |
| THRESHOLD CROSSING HEIGHT (TCH)          | 00034.0       |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F             |
| GLIDEPATH ANGLE (GPA)                    | 03.00         |
| COURSE WIDTH AT THRESHOLD                | 106.75        |
| LENGTH OFFSET                            | 1624          |
| HORIZONTAL ALERT LIMIT (HAL)             | 40.0          |
| VERTICAL ALERT LIMIT (VAL)               | 50.0          |
| CRC REMAINDER                            | F00BAF5B      |

ADDITIONAL PATH POINT RECORD INFORMATION

|                         |        |
|-------------------------|--------|
| ICAO CODE               | K3     |
| LTP ORTHOMETRIC HEIGHT  | +05268 |
| FPAP ORTHOMETRIC HEIGHT | +05268 |

