

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> FOND DU LAC COUNTY | <u>AIRPORT ID</u> KFLD | <u>PROCEDURE NAME</u> RNAV (GPS) RWY 36 | <u>ORIGINAL/AMENDMENT</u> 1A | <u>CITY</u> FOND DU LAC | <u>STATE</u> WI |
| <u>AIRPORT ELEVATION</u> 808 | <u>TDZE</u> 795 | <u>SUPERSEDED</u> RNAV (GPS) RWY 36 | <u>ORIGINAL/AMENDMENT</u> 1 | <u>DATED</u> 06/23/2016 | <u>MAG VAR</u> 4W |
| <u>FACILITY</u> RNAV | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u> 10 OCTOBER 2019 | <u>REQUIRED EFFECTIVE DATE</u> ROUTINE | <u>CANCEL/SUSPEND</u> | <u>EPOCH YEAR</u> 1980 |

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> |
|-----------------------|------------------------|-----------------------|------------------------|------------------------|---------------------|-------------------|----------------------|------------------------|------------------------|
| BADAN | | SABLL | | TF | FB | 1.00 | 156.59 | 11.27 | 3000 |
| CYNDI | | TRIAD | | TF | FB | 2.00 | 264.15 | 21.46 | 3000 |
| SABLL | IAF | FONDY | | TF | FB | 1.00 | 093.92 | 8.00 | 2700 |
| TRIAD | IAF | FONDY | | TF | FB | 1.00 | 274.18 | 8.00 | 2700 |
| FONDY | IF | TEJEY | | TF | FB | 1.00 | 004.05 | 6.04 | 2500 |
| TEJEY | FAF | ZESDA/2.10 NM TO RW36 | | TF | FB | 0.30 | 004.05 | 3.12 | |
| ZESDA/2.10 NM TO RW36 | | RW36 | MAP | TF | FO | 0.30 | 004.05 | 2.10 | |
| RW36 | MAP | 1400 MSL | | CA | | | 004.05 | | 1400 |
| 1400 MSL | | BADAN | | DF | FO | 1.00 | | | 3000 |

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW36

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 3000 DIRECT BADAN AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

| | | | | | |
|---|----------------------------|----------------|-----------------------|------------------------|---------|
| 1. PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) |
| 2. PROFILE STARTS AT FONDY | | | | | |
| 3. FAC: | 004.05 | FAF: TEJEY | DIST FAF TO MAP: 5.22 | DIST FAF TO THLD: 5.22 | |
| 4. MIN ALT: FONDY 2700, TEJEY 2500, ZESDA/2.10 NM TO RW36 1500* | | | | | |
| 5. DIST TO THLD FROM OM: | MM: | IM: | 150 HAT: | 376 HAT: 1.04 | GS ANT: |
| 6. MIN GP INCPT: 2500 | GP ALT AT FAF : TEJEY 2500 | | OM: | MM: | IM: |
| 7. GP ANGLE: 3.00 | 34:1: IS CLEAR | 20:1: IS CLEAR | TCH: 45.0 | | |
| 8. MSA FROM: RW36 2700 | | | | | |

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART NOTE: CIRCLING RWY 9, 27 NA AT NIGHT.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING OSHKOSH ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BADAN ON V9-341 NORTHEAST BOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OSHKOSH ALTIMETER SETTING: INCREASE LPV DA TO 1202 FEET AND LNAV/VNAV DA TO 1260 FEET; INCREASE ALL MDAS 40 FEET AND VISIBILITY CIRCLING CAT C/D 1/4 SM.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/4 SM AND LNAV CAT A/B VISIBILITY TO 1 SM, AND CAT C/D VISIBILITY TO 1 3/8 SM.
CHART NOTE: FOR INOPERATIVE ALS WHEN USING OSHKOSH ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 1 1/8 SM AND LNAV/VNAV VISIBILITY ALL CATS TO 1 3/8 SM AND LNAV CAT A/B VISIBILITY TO 1 SM.

ADDITIONAL FLIGHT DATA:

1240 AAO 434017N/0882711W
CHART CIRCLING ICON.
CHART VDP AT 1.41 NM TO RW36*
*LNAV ONLY
WAAS CHANNEL #93800
REFERENCE PATH ID: W36A
CHART FAS OBST: 970 TOWER 434409N/0882936W.
HOLD NW, RT, 148.29 INBOUND
LTP HAE: 206.3 M



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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, 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 | 1171 | 3/4 | 376 | 1171 | 3/4 | 376 | 1171 | 3/4 | 376 | 1171 | 3/4 | 376 | | | |
| LNAV/VNAV DA | 1229 | 1 | 434 | 1229 | 1 | 434 | 1229 | 1 | 434 | 1229 | 1 | 434 | | | |
| LNAV MDA | 1280 | 3/4 | 485 | 1280 | 3/4 | 485 | 1280 | 1 | 485 | 1280 | 1 | 485 | | | |
| CIRCLING | 1400 | 1 | 592 | 1400 | 1 | 592 | 1520 | 2 | 712 | 1520 | 2 1/4 | 712 | | | |

CHANGES - REASONS

1. ADDED LEG TYPE AND RNP VALUES TO TERMINAL ROUTES - IAW 8260.19H 8-6-4.A.(6).
2. DELETED "DISTANCE TO THLD FROM 376 HAT: 1.04NM" FROM ADDITIONAL FLIGHT DATA AND ADDED "376 HAT: 1.04 NM" TO LINE 5 - IAW 8260.19H 8-6-7.E.(3).
3. ADDED "20:1 IS CLEAR" TO LINE 7 - IAW 8260.19H 8-6-7.G.(3).
4. REMOVED FAHRENHEIT VALUES FROM CRITICAL TEMP NOTE - IAW 8260.19H 8-6-9.S.
5. DELETED "DME/DME RNP-0.3 NA" AND ADDED PBN EQUIPMENT REQUIREMENTS NOTE "RNP APCH" - REPLACED WITH PBN NAVSPEC REQUIREMENT NOTE "RNP APCH" PER 8260.19H PARA 8-6-8 B.(1).
6. CHANGED BACK-UP ALTIMETER NOTE FROM "...INCREASE LPV DA TO 1202 FEET AND LNAV/VNAV DA TO 1260 FEET AND ALL MDA 40 FEET; INCREASE LPV ALL CATS VISIBILITY AND LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE, INCREASE CIRCLING CAT C/D VISIBILITY 1/4 MILE" TO "...INCREASE LPV DA TO 1202 FEET AND LNAV/VNAV DA TO 1260 FEET; INCREASE ALL MDAS 40 FEET AND VISIBILITY CIRCLING CAT C/D 1/4 SM" - IAW VIS CHECK CALCULATOR.
7. CHANGED INOP NOTE FROM "...INCREASE LPV ALL CATS VISIBILITY TO 1 1/4 MILE AND INCREASE LNAV CAT A/B VISIBILITY TO 1 MILE, AND LNAV CAT C/D VISIBILITY TO 1 3/8 MILE" TO "...INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/4 SM AND LNAV CAT A/B VISIBILITY TO 1 SM, AND CAT C/D VISIBILITY TO 1 3/8 SM." - IAW VIS CHECK CALCULATOR AND 8260.19H 8-6-11.O.(3) (D).
8. CHANGED BACK-UP ALTIMETER INOP NOTE FROM "...INCREASE LPV ALL CATS VISIBILITY TO 1 3/8 MILE AND INCREASE LNAV CAT A/B VISIBILITY TO 1 MILE" TO "...INCREASE LPV ALL CATS VISIBILITY 1 3/8 SM AND LNAV/VNAV ALL CATS VISIBILITY TO 1 3/8 SM AND INCREASE LNAV CAT A/B VISIBILITY TO 1 SM" - IAW VIS CHECK CALCULATOR.
9. CHANGED NOTE FROM "NIGHT LANDING: RWY 9, 27 NA" TO "CIRCLING RWY 9, 27 NA AT NIGHT" - IAW 8260.19H 8-6-11O.(2)(G).
10. DELETED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CYNDI ON V7 NORTHBOUND" FROM NOTES SECTION - FAH VOR/DME DECOM.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZAU, AMGR, MILWAUKEE APP CON

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED

DEVELOPED BY

JACOB MAXFIELD

Digitally signed by
JACOB MAXFIELD
Apr 22, 2019

Digitally signed by
DONALD H LANIER
May 21, 2019

OFFICE

OFFICE

AJV-A431

OFFICE

AJV-A430

DATE

DATE

04/05/2019

DATE

APPROVED BY

LONNIE EVERHART

Digitally signed by
DONALD H LANIER
May 21, 2019

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

| <u>DATA FIELD</u> | <u>DATA</u> |
|--|--------------------|
| OPERATION TYPE | 0 |
| SBAS SERVICE PROVIDER IDENTIFIER | 0 |
| AIRPORT IDENTIFIER | KFLD |
| RUNWAY | RW36 |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W36A |
| LTP/FTP LATITUDE | 434546.2235N |
| LTP/FTP LONGITUDE | 0882910.3140W |
| LTP/FTP ELLIPSOIDAL HEIGHT | +02063 |
| FPAP LATITUDE | 434715.3330N |
| FPAP LONGITUDE | 0882910.2070W |
| THRESHOLD CROSSING HEIGHT (TCH) | 00045.0 |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F |
| GLIDEPATH ANGLE (GPA) | 03.00 |
| COURSE WIDTH AT THRESHOLD | 106.75 |
| LENGTH OFFSET | 0936 |
| HORIZONTAL ALERT LIMIT (HAL) | 40.0 |
| VERTICAL ALERT LIMIT (VAL) | 50.0 |
| | |
| CRC REMAINDER | 54E2DCE3 |

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|-------------------------|--------|
| ICAO CODE | K5 |
| LTP ORTHOMETRIC HEIGHT | +02421 |
| FPAP ORTHOMETRIC HEIGHT | +02421 |