

**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> KPMB | <u>PROCEDURE NAME</u> RNAV (GPS) RWY 33 | <u>ORIGINAL/AMENDMENT</u> ORIG-C | <u>CITY</u> PEMBINA | <u>STATE</u> ND | | |
| <u>AIRPORT ELEVATION</u> 796 | <u>TDZE</u> 796 | <u>SUPERSEDED</u> RNAV (GPS) RWY 33 | <u>ORIGINAL/AMENDMENT</u> ORIG-B | <u>DATED</u> 10/08/2020 | <u>MAG VAR</u> 3E | <u>EPOCH YEAR</u> 2015 |
| <u>FACILITY</u> RNAV | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u> 27 JANUARY 2022 | <u>REQUIRED EFFECTIVE DATE</u> ROUTINE | <u>CANCEL/SUSPEND</u> | | |

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> |
|-----------------------|-----------------|-----------------------|-----------------|-----------------|--------------|------------|---------------|-----------------|-----------------|
| WUBED | IF/IAF | JIXIX | | TF | FB | 1.00 | 338.14 | 7.94 | 2600 |
| JIXIX | FAF | YUTUD/1.46 NM TO RW33 | | TF | FB | 0.30 | 338.17 | 4.08 | |
| YUTUD/1.46 NM TO RW33 | | RW33 | MAP | TF | FO | 0.30 | 338.17 | 1.46 | |
| RW33 | MAP | 1200 MSL | | CA | | | 338.17 | | 1200 |
| 1200 MSL | | NALCO | | DF | FO | 1.00 | | | 2600 |

MISSED APPROACH

MAP:

LNAV: RW33

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1200 THEN CLIMBING LEFT TURN 2600 DIRECT NALCO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD S WUBED, RT, 338.14 INBOUND, 2600 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAF: 338.17 FAF: JIXIX DIST FAF TO MAP: 5.54 DIST FAF TO THLD: 5.54
- MIN ALT: WUBED 2600, JIXIX 2600, YUTUD/1.46 NM TO RW33 1320
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT:
- MIN GP INCPT: GP ALT AT FAF : OM: MM: IM:
- GP ANGLE: 34:1: IS CLEAR 20:1: IS CLEAR TCH:
- MSA FROM: RW33 3300



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING RWY 15 NA AT NIGHT.

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, USE HALLOCK ALTIMETER SETTING AND INCREASE ALL MDA 60 FT AND LNAV CAT C VISIBILITY 1/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 359.87 INBOUND.

CHART FAS OBST: 897 TREE (38-028402) 485537N/0971401W.

CHART CIRCLING ICON.

JIXIX TO RW33: 3.00/40.

MINIMUMS:

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

ALTERNATE: NA ☒

| 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 | 1160 | 1 | 364 | 1160 | 1 | 364 | 1160 | 1 | 364 | | NA | | | | |
| CIRCLING | 1200 | 1 | 404 | 1260 | 1 | 464 | 1260 | 1 1/2 | 464 | | NA | | | | |

CHANGES - REASONS

1. FAC CHANGED FROM 338.09 TO 338.17 - TARGETS BUILD.
2. DIST FAF TO MAP/FAF TO THLD CHANGED FROM 5.55 TO 5.54 - TARGETS BUILD.
3. DELETED NOTE "PROCEDURE NA AT NIGHT" - FLIGHT CHECK NIGHT EVAL ON 03/14/2017 SAT.
4. DELETED NOTE "34:1 IS NOT CLEAR" - 8260.3/NO VISUAL AREA PENETRATION IDENTIFIED IN TARGETS.
5. ADDED NOTE "34:1 IS CLEAR" AND "20:1 IS CLEAR" - 8260.3/NO VISUAL AREA PENETRATION IDENTIFIED IN TARGETS.
6. ARPT/TDZE CHANGED FROM 795 TO 796 - INFORMATION CHANGED IN AIRNAV.
7. DELETED CHART NOTE "RWY 33 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" - NO VISUAL AREA PENETRATION IDENTIFIED IN TARGETS.
8. TERMINAL ROUTE DISTANCE CHANGED: JIXIX TO YUTUD FROM 4.05 TO 4.08 AND YUTUDE TO RWY33 FROM 1.50 TO 1.46 - MOVED YUTUD TO LINE UP WITH FINAL APPROACH COURSE.
9. CHANGED CIRCLING CAT B/C MDA/HAA FROM 1300/505 TO 1260/464 - NEW CONTROLLING OBSTACLE.
10. CHANGED EQUIPMENT REQUIREMENT NOTE FROM "RNP APCH" TO "RNP APCH - GPS" - 8260.19 REQUIREMENT.
11. ADDED NOTE: CIRCLING TO RWY 15 NA AT NIGHT - FLIGHT CHECK NIGHT EVAL ON 03/14/2017.
12. CHANGED STEPDOWN FIX YUTUDE ALTITUDE FROM 1300 TO 1320 - DUE TO RA CHANGED FROM 42 TO 60.

AIRPORT ID
KPMB

PROCEDURE NAME
RNAV (GPS) RWY 33

ORIGINAL/AMENDMENT
ORIG-C

CITY
PEMBINA

STATE
ND

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: AMGR,ZMP

FLIGHT CHECKED BY

SHAWN D MAXWELL
PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021, SUBJECT:
GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION.

DEVELOPED BY

STEVEN DOUGHERTY

Digitally signed by

CASIMIR L TABAKA

Sep 08, 2021

Digitally signed by

CASIMIR L TABAKA

Dec 06, 2021

OFFICE

FPO

OFFICE

AJV-A411

OFFICE

AJV-A410

DATE

12/03/2021

DATE

08/04/2021

DATE

Digitally signed by
CASIMIR L TABAKA
Dec 06, 2021

TITLE
MANAGER