

**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> KAFO | <u>PROCEDURE NAME</u> RNAV (GPS) RWY 34 | <u>ORIGINAL/AMENDMENT</u> 3 | <u>CITY</u> AFTON | <u>STATE</u> WY | | |
| <u>AIRPORT ELEVATION</u> 6221 | <u>TDZE</u> 6221 | <u>SUPERSEDED</u> RNAV (GPS) RWY 34 | <u>ORIGINAL/AMENDMENT</u> 2A | <u>DATED</u> 03/31/2016 | <u>MAG VAR</u> 14E | <u>EPOCH YEAR</u> 2000 |
| <u>FACILITY</u> RNAV | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u> 8 SEPTEMBER 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> |
|-----------------------|------------------------|-----------------------|------------------------|------------------------|---------------------|-------------------|----------------------|------------------------|------------------------|
| BPI VOR/DME | | SISLE | | TF | FB | 1.00 | 231.49 | 29.78 | 12600 |
| GRIPS | | SISLE | | TF | FB | 1.00 | 307.37 | 44.50 | 12600 |
| MLD VOR/DME | | IVAYU | | TF | FB | 1.00 | 065.17 | 57.24 | 11700 |
| IVAYU | IAF | CAALL | NOPT | TF | FB | 1.00 | 075.84 | 10.84 | 11700 |
| SISLE | IAF | CAALL | NOPT | TF | FB | 1.00 | 256.30 | 10.00 | 11700 |
| CAALL | IF/IAF | BAKEE | | TF | FB | 1.00 | 346.15 | 7.36 | 10800 |
| BAKEE | | ALLRD | | TF | FB | 1.00 | 346.15 | 2.47 | 10200 |
| ALLRD | FAF | POKEE/8.25 NM TO RW34 | | TF | FB | 0.30 | 346.15 | 1.52 | |
| POKEE/8.25 NM TO RW34 | | PITSZ/6.89 NM TO RW34 | | TF | FB | 0.30 | 346.15 | 1.36 | |
| PITSZ/6.89 NM TO RW34 | | KIKSE/4.69 NM TO RW34 | | TF | FB | 0.30 | 346.15 | 2.20 | |
| KIKSE/4.69 NM TO RW34 | | RW34 | MAP | TF | FO | 0.30 | 346.15 | 4.69 | |
| RW34 | MAP | 8080 MSL | | CA | | | 346.15 | | 8080 |
| 8080 MSL | | IVAYU | | DF | FO | 1.00 | | | 11700 |



MISSED APPROACH

MAP:

LNAV: RW34

MISSED APPROACH INSTRUCTIONS:

(DO NOT EXCEED 200 KIAS UNTIL IVAYU) CLIMB TO 8080 THEN CLIMBING LEFT TURN TO 11700 DIRECT IVAYU AND HOLD.

*MISSED APPROACH REQUIRES MINIMUM CLIMB OF 364 FEET PER NM TO 8900.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

| | | | | | |
|---|--------------------|--------------------|-----------------------|----------|------------------------|
| 1. PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) |
| 2. HOLD S CAALL, RT, 346.15 INBOUND, 11700 FT. IN LIEU OF PT (IAF), MAX 14000. | | | | | |
| 3. FAC: | 346.15 | FAF: ALLRD | DIST FAF TO MAP: 9.76 | | DIST FAF TO THLD: 9.76 |
| 4. MIN ALT: CAALL 11700, BAKEE 10800, ALLRD 10200, POKEE/8.25 NM TO RW34 9420, PITSZ/6.89 NM TO RW34 8900, KIKSE/4.69 NM TO RW34 8060 | | | | | |
| 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 NOT CLEAR | 20:1: IS NOT CLEAR | TCH: | | |
| 8. MSA FROM: | RW34 12600 | | | | |

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA E OF RWY 16-34.
 CHART NOTE: PROCEDURE NA AT NIGHT.
 CHART NOTE: RWY 34 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
 CHART NOTE: WHEN AFTON ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON MLD VOR/DME AIRWAY RADIALS 024 CW 101.
 CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
 CHART SPEED ICON IN PLANVIEW NOTE AT IVAYU: AT 250 KIAS.
 CHART SPEED ICON IN PLANVIEW NOTE AT SISLE: AT 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 076.00 INBOUND.
 CHART FAS OBST: 6511 TREE (56-060218) 423840N/1105559W.
 CHART CIRCLING ICON.
 KIKSE TO RW34: 3.60/45.



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* | 7520 | 1 1/4 | 1299 | 7520 | 1 1/2 | 1299 | 7520 | 3 | 1299 | | NA | | | | |
| LNAV MDA | 7800 | 1 1/4 | 1579 | 7800 | 1 1/2 | 1579 | 7800 | 3 | 1579 | | NA | | | | |
| CIRCLING | 7800 | 1 1/4 | 1579 | 7800 | 1 1/2 | 1579 | 7800 | 3 | 1579 | | NA | | | | |



CHANGES - REASONS

1. TERMINAL ROUTE UPDATE: CHANGED ROUTE "MLD VOR/DME - IVAYU" COURSE/DICTANCE FROM 065.29/58.07 TO 065.17/57.24 - IVAYU MOVED 422221.70N/1111005.56W TO 422219.99N/1111113.55W, 084 NM.
2. TERMINAL ROUTE UPDATE: CHANGED ROUTE "GRIPS - SISLE" ALTITUDE FROM 12400 TO 12600 - PER FPT REQUEST, NEW OBSTACLE EVALUATION UPDATE.
3. TERMINAL ROUTE UPDATE: CHANGED ROUTE "IVAYU - CAALL" COURSE/DISTANCE FROM 076.00/10.00 TO 75.84/10.84. ALTITUDE FROM 11500 TO 11700 - PER FPT REQUEST, NEW OBSTACLE EVALUATION UPDATE.
4. TERMINAL ROUTE UPDATE: CHANGED ROUTE "SISLE - CAALL" ALTITUDE FROM 11500 TO 11700 - PER FPT REQUEST, NEW OBSTACLE EVALUATION UPDATE.
5. TERMINAL ROUTE UPDATE: REMOVED ROUTE "CAALL - ALLRD COURSE/DISTANCE/ALTITUDE 346.15/9.59/10100". ADDED ROUTE "CAALL - BAKEE" - ADDED COURSE/DISTANCE/ALTITUDE 346.15/7.36/10600 - INTERMEDIATE STEPDOWN FIX BAKEE PER FPT REQUEST.
6. TERMINAL ROUTE UPDATE: ADDED "BAKEE - ALLRD" COURSE/DISTANCE/ALTITUDE 346.15/2.47/10200 - INTERMEDIATE STEPDOWN FIX BAKEE PER FPT REQUEST.
7. TERMINAL ROUTE UPDATE: CHANGED ROUTE FROM "ALLRD - POKEE/8.00 NM TO RW34" TO "ALLRD - POKEE/8.25 NM TO RW34". CHANGED DISTANCE 2.00 TO 1.52 - FPT REQUEST
8. TERMINAL ROUTE UPDATE: CHANGED ROUTE FROM "POKEE/8.00 NM TO RW34 - PITSZ/6.00 NM TO RW34" TO "POKEE/8.25 NM TO RW34 - PITSZ/6.89 NM TO RW34". CHANGED DISTANCE FROM 2.00 TO 1.36 - PER FPT REQUEST.
9. TERMINAL ROUTE UPDATE: CHANGED ROUTE FROM "PITSZ/6.00 NM TO RW34 - RW34" TO "PITSZ/6.89 NM TO RW34 - KIKSE/4.69 NM TO RW34". DISTANCE CHANGED FROM 6.00 TO 2.20 - PER FPT REQUEST.
10. TERMINAL ROUTE UPDATE: ADDED ROUTE KIKSE/4.69 NM TO RW34 - RWY34, COURSE/DISTANCE/ALTITUDE 346.15/4.69 - STEPDOWN FIX KIKSE ADDED - FPT REQUEST.
11. TERMINAL ROUTE UPDATE: ADDED ROUTE KIKSE/4.69 NM TO RW34 - RWY34 COURSE/DISTANCE 346.15/4.69 - STEPDOWN FIX KIKSE ADDED PER FPT.
12. TERMINAL ROUTE UPDATE: ADDED CA ROUTE FROM RW34 TO 8080 MSL ALTITUDE 8080 - MA INSTRUCTION UPDATE.
13. TERMINAL ROUTE UPDATE: REMOVED ROUTE FROM RW34 - IVAYU. ADDED "8080 MSL - IVAYU". CHANGED ALTITUDE FROM 11500 TO 11700 - MA OBSTACLE EVALUATION UPDATE.
14. CHANGED LINE 2 FROM "HOLD S CAALL, RT, 346.15 INBOUND, 11500 FT. IN LIEU OF PT (IAF)" TO HOLD S CAALL, RT, 346.15 INBOUND, 11700 FT. IN LIEU OF PT (IAF) - OBSTACLE EVALUATION UPDATE.
15. REPLACE NOTE: DME/DME RNP-0.3 NA WITH PBN REQUIREMENTS NOTE: RNP APCH - GPS - IAW 8260.19I, 8-6-8.B.(2).
16. ADDITIONAL FLIGHT DATA UPDATE: REMOVED CHART VDP AT 4.30 NM TO RW34 - VDP IS NOT PUBLISHABLE DUE TO: 20:1 PENETRATIONS.
17. LINE 7 NOTE UPDATE: ADDED NOTE "20:1 IS NOT CLEAR" - IAW 8260.19I PARA 8-6-7.G.(3).
18. CHANGED LINE 4 NOTE FROM "CAALL 11500, ALLRD 10100, POKEE/8.00 NM TO RW34 9300, PITSZ/6.00 NM TO RW34 8660" TO "CAALL 11700, BAKEE 10800, ALLRD 10200, POKEE/8.25 NM TO RW34 9420, PITSZ/6.89 NM TO RW34 8900, KIKSE/4.69 NM TO RW34 8060" - NEW OBSTACLE EVALUATION UPDATE.
19. LINE 3 UPDATE: CHANGED DIST FAF TO MAP AND DIST FAF TO THLD FROM 10.00 TO 9.76 - FAF MOVED FROM 423156.65N/1105634.06W" TO "423210.85N/1105633.98W", (0.24 NM).
20. ADDITIONAL FLIGHT DATA UPDATE: CHANGED "CHART FAS OBST: 7459 100' TREE 424129N/1105505W" TO "CHART FAS OBST: 6511 TREE (56-060218) 423840N/1105559W" - OBSTACLE EVALUATION UPDATE.
21. ADDED CHART NOTE: PROCEDURE NA AT NIGHT - 20:1 VISUAL SURFACE PENETRATION IS NOT LIT IAW 8260.3E PARA 3-3-2.C.(4)(B).
22. ADDITIONAL FLIGHT DATA UPDATE: CHANGED FROM "PITSZ TO RW34: 3.76/45" TO "KIKSE TO RW34: 3.60/45" - CHANGED GLIDEPATH/DESCENT ANGLE FROM 3.76 TO 3.60.
23. ADDITIONAL FLIGHT DATA UPDATE: REMOVED CHART AIRPORT ELEV 6221/CHART TDZE 6221 - INCLUDED ON PAGE 1 OF FORM 8260-3.
24. ADDITIONAL FLIGHT DATA UPDATE: REMOVED CHART 8790 TREE 423157N/1105746W, 8619 TREE 423420N/1105857W, 8259 TREE 423539N/1105848W - NO LONGER NEEDED. NEW OBSTACLE EVALUATION UPDATE.
25. ADDED CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA - NEW CIRCLING CRITERIA APPLIED.
26. ADDED CHART SPEED ICON IN PLANVIEW AT IVAYU: AT 250 KIAS AND CHART SPEED ICON IN PLANVIEW AT SISLE: AT 210 KIAS TO NOTES - PER FPT.
27. CHANGED LNAV MDA/HAT FROM "7620/1399" TO "7800/1579" - NEW MISSED APPROACH CONTROLLING OBSTACLE.
28. CHANGED NOTE FROM "HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA" TO "RWY 34 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" - IAW 8260.19I PARA 8-6-11.K(3).
29. MISSED APPROACH INSTRUCTIONS UPDATE: CHANGED "CLIMB TO 8080, THEN CLIMBING LEFT TURN TO 11600 DIRECT IVAYU AND HOLD" TO "(DO NOT EXCEED 210 KIAS UNTIL IVAYU) CLIMB TO 8080, THEN CLIMBING LEFT TURN TO 11700 DIRECT IVAYU AND HOLD. *MISSED APPROACH REQUIRES MINIMUM CLIMB OF 364 FEET PER NM TO 8900" - NEW OBSTACLE EVALUATION UPDATE. MISSED APPROACH PENETRATION MITIGATION/FPT REQUEST.
30. CHANGED CHART NOTE FROM WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA TO WHEN AFTON ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA - IAW 8260.19I, PARA 8-6-11.O.(4)(E).
31. CHANGED PLANVIEW NOTE FROM PROCEDURE NA FOR ARRIVALS AT MLD VOR/DME ON V465 SOUTHWEST BOUND AND VIA V142 WESTBOUND TO PROCEDURE NA FOR ARRIVALS ON MLD VOR/DME AIRWAY RADIALS 024 CW 101. IAW 8260.19 PARA 8-2-5.E.
32. CHANGED PROFILE NOTE FROM "VGSI AND DESCENT ANGLES NOT COINCIDENT TO VGSI" AND "DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - IAW 8260.19I, PARA 8-6-9.M.(2).

THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 7/22/2022.

1. VERTICAL ANGLE ALTITUDES ADDED FOR FINAL STEPDOWN FIXES: POKEE, PITSZ, KIKSE.



AIRPORT ID
KAFO

PROCEDURE NAME
RNAV (GPS) RWY 34

ORIGINAL/AMENDMENT
3

CITY
AFTON

STATE
WY

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZLC, ARPT MGR, CPR FSS.

FLIGHT CHECKED BY

JORDAN ALEXANDER ROLIH

Digitally signed by

DAVID TEFFETELLER

OFFICE

FIOG

DATE

07/21/2022

Digitally signed by

DAVID TEFFETELLER

Aug 02, 2022

DEVELOPED BY

KWEKU DONKOR

Aug 02, 2022

OFFICE

AJV-A433

DATE

10/25/2021

APPROVED BY

LONNIE EVERHART

Digitally signed by

DAVID TEFFETELLER

Aug 02, 2022

OFFICE

AJV-A430

DATE

TITLE
MANAGER

QUALITY
12
CHECKED