US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

# RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

## TERMINAL ROUTES

| FROM | TO | COURSE AND DISTANCE | ALTITUDE |
|---|---|---|---|
| PIBIC (IAF) | MELME (NOPT) (TF) (FB) (RNP 1.00) | 286.28 / 8.00 | 3400 |
| IKIVE (IAF) | MELME (NOPT) (TF) (FB) (RNP 1.00) | 105.76 / 8.00 | 3400 |
| MELME (IF/IAF) | CUPOV (TF) (FB) (RNP 1.00) | 016.02 / 6.67 | 2400 |
| CUPOV (FAF) | WULPI (MAP) (TF) (FO) (RNP 0.30) | 016.16 / 4.94 | |
| WULPI (MAP) | 1800 MSL (CA) | 016.16 | 1800 |
| 1800 MSL | MELME (DF) (FO) (RNP 1.00) | | 3400 |

## MISSED APPROACH

**LNAV: WULPI**

**(DO NOT EXCEED 230 KIAS UNTIL MELME)**
**CLIMB TO 1800 THEN CLIMBING LEFT TURN TO 3400 DIRECT MELME AND HOLD.**

ADDITIONAL FLIGHT DATA:
**FAS OBST: 800 AAO 665150N/1513756W.**
**CHART VDP AT 0.85 NM TO WULPI.**
**CHART CIRCLING ICON.**
**CUPOV TO RW2: 3.00/36.3.**

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD S MELME, RT, 016.02 INBOUND, 3400 FT. IN LIEU OF PT (IAF)**
3. FAC: **016.16** FAF: **CUPOV** DIST FAF TO MAP: **4.94** THLD: **5.43**
4. MIN. ALT: **MELME 3400, CUPOV 2400**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: **20:1 IS CLEAR 34:1 IS NOT CLEAR**
8. MSA FROM: ____

MAG VAR: **16E** EPOCH YEAR: **2020**

## MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

| CATEGORY =====> | A | | | B | | | C | | | D | | | E | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA |
| **LNAV MDA** | **1100** | **1** | **458** | **1100** | **1** | **458** | **1100** | **1** | **458** | **1100** | **1** | **458** | | | |
| **CIRCLING** | **1100** | **1** | **453** | **1100** | **1** | **453** | **1320** | **2** | **673** | **1320** | **2 1/4** | **673** | | | |

NOTES:
**CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.**
**CHART NOTE: CIRCLING NA EAST OF RWY 2-20.**
**CHART NOTE: FOR INOPERATIVE ALS, INCREASE CAT C/D VISIBILITY TO 1 3/8 SM.**
**CHART NOTE: RWY 2 HELICOPTER VISIBILTY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.**
**PBN REQUIREMENTS NOTE: RNP APCH.**

**@ CAT D 800-2 1/4**

QUALITY 16 CHECKED

| CITY AND STATE | AIRPORT NAME | FACILITY IDENTIFIER | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: | |
|---|---|---|---|---|
| **BETTLES, AK** | **ELEVATION: 647 TDZE: 642**<br>**BETTLES** | **RNAV** | **RNAV (GPS) RWY 2, AMDT 1**<br>5/24/2018 | SUP: **RNAV (GPS) RWY 1**<br>AMDT: **ORIG**<br>DATED **08/30/2007** |

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**TAA**

| | FROM | TO | ALT |
|---|---|---|---|
| 1. | 286/30 CW 332/30 (NOPT) | 286/20 CW 332/20 | 4500 |
| | 286/20 CW 332/20 | MELME (IF/IAF) (FB) | 3400 |
| 2. | 332/30 CW 060/30 (NOPT) | MELME (IF/IAF) (FB) | 3400 |
| 3. | 060/30 CW 106/30 (NOPT) | 060/9 CW 106/9 | 6000 |
| | 060/9 CW 106/9 | MELME (IF/IAF) (FB) | 3400 |
| 4. | 106/30 CW 196/30 | 106/19 CW 196/19 | 6800 |
| 5. | 106/19 CW 196/19 | IKIVE (IAF) (FB) | 5100 |
| 6. | 196/30 CW 286/30 | 196/16 CW 286/16 (FB) | 6700 |
| 7. | 196/16 CW 286/16 | PIBIC (IAF) (FB) | 4800 |

QUALITY 16 CHECKED

| CITY AND STATE | | FACILITY IDENTIFIER: | PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: | |
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