

**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><b>AIRPORT ID</b></u><br>KCBE       | <u><b>PROCEDURE NAME</b></u><br>RNAV (GPS) RWY 5 | <u><b>ORIGINAL/AMENDMENT</b></u><br>3                   | <u><b>CITY</b></u><br>CUMBERLAND                 | <u><b>STATE</b></u><br>MD         |                              |                                  |
| <u><b>AIRPORT ELEVATION</b></u><br>775 | <u><b>TDZE</b></u><br>746                        | <u><b>SUPERSEDED</b></u><br>RNAV (GPS) RWY 5            | <u><b>ORIGINAL/AMENDMENT</b></u><br>2A           | <u><b>DATED</b></u><br>01/03/2019 | <u><b>MAG VAR</b></u><br>10W | <u><b>EPOCH YEAR</b></u><br>2010 |
| <u><b>FACILITY</b></u><br>RNAV         | <u><b>COORDINATES OF FACILITIES</b></u>          | <u><b>ACTUAL EFFECTIVE DATE</b></u><br>25 FEBRUARY 2021 | <u><b>REQUIRED EFFECTIVE DATE</b></u><br>ROUTINE | <u><b>CANCEL/SUSPEND</b></u>      |                              |                                  |

**TAA**

| <b>FROM</b>         | <b>FIX TYPE</b> | <b>TO</b>        | <b>FIX TYPE</b> | <b>ALTITUDE</b> |
|---------------------|-----------------|------------------|-----------------|-----------------|
| 1. 299/30 CW 119/30 | NOPT            | 299/8 CW 119/8   |                 | 6500            |
| 2. 299/8 CW 119/8   |                 | HEKPA            | IF/IAF          | 5400            |
| 3. 119/30 CW 299/30 |                 | 119/10 CW 299/10 |                 | 5600            |
| 4. 119/10 CW 299/10 |                 | HEKPA            | IF/IAF          | 5400            |

**TERMINAL ROUTES**

| <b>FROM</b>            | <b>FIX TYPE</b> | <b>TO</b>              | <b>FIX TYPE</b> | <b>LEG TYPE</b> | <b>FO/FB</b> | <b>RNP</b> | <b>COURSE</b> | <b>DISTANCE</b> | <b>ALTITUDE</b> |
|------------------------|-----------------|------------------------|-----------------|-----------------|--------------|------------|---------------|-----------------|-----------------|
| HEKPA                  | IF/IAF          | JIRMO                  |                 | TF              | FB           | 1.00       | 029.00        | 9.03            | 2800            |
| JIRMO                  | FAF             | KAGPE/3.13 NM TO LIDVE |                 | TF              | FB           | 0.30       | 029.03        | 2.76            |                 |
| KAGPE/3.13 NM TO LIDVE |                 | LIDVE                  | MAP             | TF              | FO           | 0.30       | 029.03        | 3.13            |                 |
| LIDVE                  | MAP             | 1175 MSL               |                 | CA              |              |            | 029.03        |                 |                 |
| 1175 MSL               |                 | HOLOE                  |                 | DF              | FO           | 1.00       |               |                 | 4500            |

**MISSED APPROACH**

**MAP:**

LP: LIDVE  
LNAV: LIDVE

**MISSED APPROACH INSTRUCTIONS:**

CLIMBING RIGHT TURN TO 4500 DIRECT HOLOE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4500.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

QUALITY  
29  
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD SW HEKPA, RT, 029.00 INBOUND, 5400 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 029.03FAF: JIRMODIST FAF TO MAP: 5.89DIST FAF TO THLD: 6.38

4. MIN ALT: HEKPA 5400, JIRMO 2800, KAGPE/3.13 NM TO LIDVE 1920

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 CLEAR20:1: IS NOT CLEARTCH:

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA NW OF RWY 5-23.  
CHART NOTE: RWY 5 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.  
CHART NOTE: STRAIGHT-IN RWY 5 NA AT NIGHT, CIRCLING RWY 5, 29 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

CHART 1288 TOWER 393110N/0784741W.  
FICTITIOUS THRESHOLD POINT (CFBZD) DO NOT CHART.  
HOLD SW, RT, 049.55 INBOUND.  
CHART FAS OBST: 1053 TREE 393443N/0784702W.  
FAS OBST: 1760 AAO 393400N/0784828W.  
1300 AAO 393339N/0784824W.  
WAAS CHANNEL # 99336  
REFERENCE PATH ID: W05A  
FAC CROSSES RWY C/L EXTENDED 3001 FT FROM THLD.  
CHART CIRCLING ICON.  
CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.  
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 20.00 DEGREES.  
FTP HAE: 187.3 M

MINIMUMS:

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

ALTERNATE: NA ☐ CAT A 1100-2, CAT B 1400-2, CAT C 1500-3, CAT D 1600-3, 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       |
| LP MDA     | 1420   | 1     | 674     | 1420   | 1     | 674     | 1420   | 1 7/8 | 674     | 1420   | 1 7/8 | 674     |        |     |               |
| LNAV MDA   | 1820   | 1 1/4 | 1074    | 1820   | 1 1/2 | 1074    | 1820   | 3     | 1074    | 1820   | 3     | 1074    |        |     | QUALITY       |
| CIRCLING   | 1820   | 1 1/4 | 1045    | 2140   | 1 1/2 | 1365    | 2260   | 3     | 1485    | 2340   | 3     | 1565    |        |     | 29<br>CHECKED |

**CHANGES - REASONS**

1. MOVED JIRMO 187.15 FEET NORTHEAST. - TO ALIGN FAC FOR CAT C&D MINS.
2. CHANGED PLANVIEW NOTE: FINAL APPROACH OFFSET FROM 20.03 DEGREES TO 20.00 DEGREES. - REVISED AIRNAV DATA.
3. MOVED FIX KAGPE 164.93 FEET SOUTHWEST AND RAISED ALTITUDE FROM 1900 TO 1920. - FIX MOVED PER FPT REQUEST.
4. LOWERED LP MINIMUMS FROM 694 HAT/1440 MDA TO 674 HAT/1420 MDA. - NEW TARGETS CONTROLLING OBSTACLE.
5. LOWERED LNAV MINIMUMS FROM 1094 HAT 1840 MDA TO 1074 HAT/1820 MDA. - NEW TARGETS CONTROLLING OBSTACLE.
6. MOVED TAA SECTOR 1 STEPDOWN FROM 10 MILES TO 8 MILES. - PENDING WIND TURBINES UNDER CONSTRUCTION.
7. CHANGED FAC CROSSES RWY C/L EXTENDED FROM 2995 FEET TO 3001 FEET. - REVISED AIRNAV DATA.
8. MOVED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WINCHESTER ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET AND INCREASE LP VISIBILITY CAT B 1/4 MILE, CATS C AND D 1/2 MILE TO THE -9. - 8260.19H COMPLIANCE.
9. LOWERED CAT A CIRCLING MINIMUMS FROM 1065 HAT/1840 MDA TO 1045 HAT/1820 MDA. - LOWERED TO MATCH STRAIGHT IN MINIMUMS.
10. LOWERED CAT D CIRCLING MINIMUMS FROM 1585 HAT/2360 MDA TO 1565 HAT/2340 MDA. - NEW CONTROLLING OBSTACLE.
11. LOWERED LP CAT C AND D VISIBILITY FROM 2 SM TO 1 7/8 SM. - NEW VISI CHECK.
12. CHANGED ALL REFERENCE TO FINAL STEPDOWN FIX KAGPE DISTANCE FROM 3.10 NM TO 3.13 NM. - FIX MOVED.
13. DISTANCE INTERMEDIATE TO FINAL CHANGED FROM 9 TO 9.03. - JIRMO FIX MOVED.
14. DISTANCE JIRMO TO KAGPE CHANGED FROM 2.82 TO 2.76. - JIRMO AND KAGPE FIXES MOVED.
15. DISTANCE KAGPE TO LIDVE CHANGED FROM 3.10 TO 3.13. - KAGPE FIX MOVED.
16. DISTANCE JIRMO TO LIDVE CHANGED FROM 5.92 TO 5.89. - JIRMO FIX MOVED.
17. DISTANCE JIRMO TO THRESHOLD CHANGED FROM 6.39 TO 6.38. - JIRMO FIX MOVED.
18. CHART FAS OBSTACLE CHANGED FROM 1028 TOWER 393532N/0784632W. TO 1053 TREE 393443N/0784702W. - UPDATED DATA.
19. FAS OBST CHANGED FROM 1779 AAO 393400N/0784828W. TO 1760 AAO 393400N/0784828W, 1300 AAO 393339N/0784824W. - UPDATED DATA.
20. FPAP CHANGED FROM 393807.4410N 0784527.8625W TO 393809.1335N 0784527.1060W. - TARGETS EVALUATION.
21. LTP/FTP CHANGED FROM 393643.1580NV0784605.5260W TO 393644.8500N 0784604.7700W. - TARGETS EVALUATION.
22. CRC REMAINDER CHANGED FROM 65D4CE0D TO F5CCADE9. - NEW FAC ALIGNMENT.
23. LINE 4 ADDED MAX 6000 - REVISED CRITERIA.
24. CHANGED NOTE FROM PROCEDURE NA AT NIGHT TO STRAIGHT-IN RWY 5 NA AT NIGHT, CIRCLING RWY 5, 29 NA AT NIGHT - RWY 23 HAS NO 20:1 PENETRATIONS.
25. LINE 7 ADDED 20:1 IS NOT CLEAR - REVISED CRITERIA.
26. FAS DATA BLOCK LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM +01872 TO +01873 - REVISED AIRNAV DATA.
27. FAS DATA BLOCK TCH AND GPA REMOVED - VDA REMOVED FROM P NOTAM 2A REFERENCE OBSTACLES IDENTIFIED BY FLIGHT CHECK AND THIS DATA NOW ADDRESSED.
28. CHANGES FROM P-NOTAM FOR AMDT 2A INCORPORATED INTO FORM - REQUIRED IAW 8260.19H PARA 8-3-4C(3).

**COORDINATED WITH:**A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER:

Digitally signed by

**FLIGHT CHECKED BY**

JORGE A MALCUN

**JON DENTON**

Dec 10, 2020

**OFFICE**

FICO

**DATE**

12/9/2020

**DEVELOPED BY**

WARDELL HENNING (JOHN KEEFER)

Digitally signed by

**JON DENTON**

Dec 10, 2020

**OFFICE**

AJV-A432

**DATE**

08/20/2020

**APPROVED BY**

LONNIE EVERHART

Digitally signed by

**JON DENTON**

Dec 10, 2020

**OFFICE**

AJV-A430

**DATE****TITLE**  
MANAGER

FAS DATA BLOCK INFORMATION

| <u>DATA FIELD</u>                        | <u>DATA</u>   |
|--|---------------|
| OPERATION TYPE                           | 0             |
| SBAS SERVICE PROVIDER IDENTIFIER         | 0             |
| AIRPORT IDENTIFIER                       | KCBE          |
| RUNWAY                                   | RW05          |
| APPROACH PERFORMANCE DESIGNATOR          | 0             |
| ROUTE INDICATOR                          |               |
| REFERENCE PATH DATA SELECTOR             | 0             |
| REFERENCE PATH IDENTIFIER (APPROACH ID)  | W05A          |
| LTP/FTP LATITUDE                         | 393644.8500N  |
| LTP/FTP LONGITUDE                        | 0784604.7700W |
| LTP/FTP ELLIPSOIDAL HEIGHT               | +01873        |
| FPAP LATITUDE                            | 393809.1335N  |
| FPAP LONGITUDE                           | 0784527.1060W |
| THRESHOLD CROSSING HEIGHT (TCH)          | 00000.0       |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F             |
| GLIDEPATH ANGLE (GPA)                    | 00.00         |
| COURSE WIDTH AT THRESHOLD                | 106.75        |
| LENGTH OFFSET                            | 0000          |
| HORIZONTAL ALERT LIMIT (HAL)             | 40.0          |
| VERTICAL ALERT LIMIT (VAL)               | 0.0           |
| <br>                                     |               |
| CRC REMAINDER                            | F5CCADE9      |

ADDITIONAL PATH POINT RECORD INFORMATION

|                         |        |
|-------------------------|--------|
| ICAO CODE               | K6     |
| LTP ORTHOMETRIC HEIGHT  | +02200 |
| FPAP ORTHOMETRIC HEIGHT | +02200 |