

**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.

| | | | | |
|----------------------------------|--|---|---|---------------------------|
| AIRPORT ID UWL | PROCEDURE NAME RNAV (GPS) RWY 10 | ORIGINAL/AMENDMENT 1A | CITY NEW CASTLE | STATE IN |
| AIRPORT ELEVATION 1090 | TDZE 1089 | SUPERSEDED RNAV (GPS) RWY 10 | DATED 03/21/2024 | MAG VAR 6W |
| FACILITY RNAV | COORDINATES OF FACILITIES | ACTUAL EFFECTIVE DATE 19 MARCH 2026 | REQUIRED EFFECTIVE DATE ROUTINE | EPOCH YEAR 2020 |
| | | | CANCEL/SUSPEND | |

TAA

| FROM | FIX TYPE | TO | FIX TYPE | ALTITUDE |
|---------------------|-----------------|-----------|-----------------|-----------------|
| 1. 006/30 CW 186/30 | NOPT | HAFHU | IF/IAF | 3000 |
| 2. 186/30 CW 006/30 | | HAFHU | IF/IAF | 3000 |

TERMINAL ROUTES

| FROM | FIX TYPE | TO | FIX TYPE | LEG TYPE | FO/FB | RNP | COURSE | DISTANCE | ALTITUDE |
|-----------------------|-----------------|-----------------------|-----------------|-----------------|--------------|------------|---------------|-----------------|-----------------|
| HAFHU | IF/IAF | KOGDE | | TF | FB | 1.00 | 096.23 | 7.58 | 2600 |
| KOGDE | FAF | SADSE/1.80 NM TO RW10 | | TF | FB | 0.30 | 096.34 | 2.83 | |
| SADSE/1.80 NM TO RW10 | | RW10 | MAP | TF | FO | 0.30 | 096.34 | 1.80 | |
| RW10 | MAP | 1339 MSL | | CA | | | 096.34 | | |
| 1339 MSL | | TASUY | | DF | FO | 1.00 | | | 3000 |

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW10

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT TASUY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- | | | | | | |
|--|-----------------------------------|-----------------------|------------------------------|-------------------------------|----------------|
| 1. PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) |
| 2. HOLD W HAFHU, RT, 096.23 INBOUND, 3000 IN LIEU OF PT (IAF), MAX 6000. | | | | | |
| 3. FAC: 096.34 | FAF: KOGDE | | DIST FAF TO MAP: 4.63 | DIST FAF TO THLD: 4.63 | |
| 4. MIN ALT: HAFHU 3000, KOGDE 2600, SADSE/1.80 NM TO RW10 1680 | | | | | |
| 5. DIST TO THLD FROM OM: | MM: | IM: | 150 HAT: | 250 HAT: 0.67 | GS ANT: |
| 6. MIN GP INCPT: 2600 | GP ALT AT PFAF: KOGDE 2600 | | | OM: | MM: |
| 7. GP ANGLE: 3.00 | 34:1: IS NOT CLEAR | 20:1: IS CLEAR | TCH: 45.8 | | IM: |
| 8. MSA FROM: | | | | | |

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 10 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.
 CHART NOTE: BARO-VNAV AND VDP NA WHEN USING AID ALTIMETER SETTING.
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AID ALTIMETER SETTING AND INCREASE LPV DA TO 1408 FEET; INCREASE LNAV/VNAV DA TO 1424 FEET; INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CATS C AND D 3/8 SM, AND CIRCLING VISIBILITY CATS C AND D 1/2 SM.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 276.58 INBOUND.
 CHART FAS OBST: 1195 TREE (18-048093) 395249N/0852228W.
 CHART VDP AT 1.05 NM TO RW10.
 WAAS CHANNEL # 82041
 REFERENCE PATH ID: W10A
 LTP HAE: 295.4 M

MINIMUMS:

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

ALTERNATE: NA STANDARD - 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 |
| LPV DA | 1339 | 1 | 250 | 1339 | 1 | 250 | 1339 | 1 | 250 | 1339 | 1 | 250 | | | |
| LNAV/VNAV DA | 1355 | 1 | 266 | 1355 | 1 | 266 | 1355 | 1 | 266 | 1355 | 1 | 266 | | | |
| LNAV MDA | 1460 | 1 | 371 | 1460 | 1 | 371 | 1460 | 1 | 371 | 1460 | 1 | 371 | | | |
| CIRCLING | 1520 | 1 | 430 | 1540 | 1 | 450 | 1760 | 1 3/4 | 670 | 1760 | 2 | 670 | | | |



CHANGES - REASONS

1. CHANGED CHART NOTE FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ANDERSON ALTIMETER SETTING; INCREASE LPV DA TO 1408 FEET; INCREASE LNAV/VNAV DA TO 1424 FEET; INCREASE ALL MDAS 80 FEET, LNAV VISIBILITY CAT C/D 3/8 SM, AND CIRCLING VISIBILITY CAT C/D 1/4 SM" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AID ALTIMETER SETTING AND INCREASE LPV DA TO 1408 FEET; INCREASE LNAV/VNAV DA TO 1424 FEET; INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CATS C AND D 3/8 SM, AND CIRCLING VISIBILITY CATS C AND D 1/2 SM" - PER CURRENT CRITERIA STANDARDS DOCUMENTATION, PER 8260.3G UPDATED VIS TABLES.
2. ADDITIONAL FLIGHT DATA: REMOVED "CHART CIRCLING ICON" - NO LONGER REQUIRED.
3. CHANGED CIRCLING CATS C AND D MDA/HAA FROM 1720/630 TO 1760/670 - NEW CONTROLLING OBSTACLE, NOTAM FDC 4/4564.
4. CRC REMAINDER CHANGED FROM "A682C8B2" TO "3CA216E3" - FPAP COORDINATES CHANGED FROM "395235.7445N/0851802.2430W" TO "395235.7440N/0851802.2435W".
5. INCORPORATED T-NOTAM FDC 4/4564 - REQUIRED IAW 8260.19K, 8-3-4C(3).

COORDINATED WITH:

A4A
ALPA
AOPA
APA
HAI
NBAA
OTHER: ZID, IND APP CON, AMGR

FLIGHT CHECKED BY

MARC WEBBER

Digitally signed by

CASIMIR L TABAKA

Dec 18, 2025

OFFICE

AJF

DATE

12/17/2025

DEVELOPED BY

CASIMIR L. TABAKA (SILVIA YOUNG)

Digitally signed by

CASIMIR L TABAKA

Dec 18, 2025

OFFICE

AJV-A432

DATE

10/01/2025

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

CASIMIR L TABAKA

Dec 18, 2025

OFFICE

AJV-A432

DATE

TITLE
MANAGER



AIRPORT ID
UWL

PROCEDURE NAME
RNAV (GPS) RWY 10

ORIGINAL/AMENDMENT
1A

CITY
NEW CASTLE

STATE
IN

FAS DATA BLOCK INFORMATION

| <u>DATA FIELD</u> | <u>DATA</u> |
|--|---------------|
| OPERATION TYPE | 0 |
| SBAS SERVICE PROVIDER IDENTIFIER | 0 |
| AIRPORT IDENTIFIER | KUWL |
| RUNWAY | RW10 |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W10A |
| LTP/FTP LATITUDE | 395236.3790N |
| LTP/FTP LONGITUDE | 0851957.9745W |
| LTP/FTP ELLIPSOIDAL HEIGHT | +02954 |
| FPAP LATITUDE | 395235.7440N |
| FPAP LONGITUDE | 0851802.2435W |
| THRESHOLD CROSSING HEIGHT (TCH) | 00045.8 |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F |
| GLIDEPATH ANGLE (GPA) | 03.00 |
| COURSE WIDTH AT THRESHOLD | 106.75 |
| LENGTH OFFSET | 1472 |
| HORIZONTAL ALERT LIMIT (HAL) | 40.0 |
| VERTICAL ALERT LIMIT (VAL) | 50.0 |

CRC REMAINDER 3CA216E3

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|-------------------------|--------|
| ICAO CODE | K5 |
| LTP ORTHOMETRIC HEIGHT | +03292 |
| FPAP ORTHOMETRIC HEIGHT | +03292 |

