

**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 28	ORIGINAL/AMENDMENT 1A	CITY NEW CASTLE	STATE IN
AIRPORT ELEVATION 1090	TDZE 1090	SUPERSEDED RNAV (GPS) RWY 28	DATED 03/21/2024	MAG VAR 6W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. 187/30 CW 007/30	NOPT	TASUY	IF/IAF	3000
2. 007/30 CW 187/30		TASUY	IF/IAF	3000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
TASUY	IF/IAF	CIBSO		TF	FB	1.00	276.58	7.65	2600
CIBSO	FAF	TEYOB/1.80 NM TO RW28		TF	FB	0.30	276.47	2.80	
TEYOB/1.80 NM TO RW28		RW28	MAP	TF	FO	0.30	276.47	1.80	
RW28	MAP	1343 MSL		CA			276.47		
1343 MSL		HAFHU		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW28

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT HAFHU AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- | | | | | | | | | | |
|--|-----------------------|-----------------------------------|-------------------------|------------------|--------------|--------------------------|------|----------------|------------|
| 1. PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) | | | | |
| 2. HOLD E TASUY, RT, 276.58 INBOUND, 3000 IN LIEU OF PT (IAF), MAX 6000. | | | | | | | | | |
| 3. FAC: 276.47 | | FAF: CIBSO | DIST FAF TO MAP: | 4.60 | | DIST FAF TO THLD: | 4.60 | | |
| 4. MIN ALT: TASUY 3000, CIBSO 2600, TEYOB/1.80 NM TO RW28 1700 | | | | | | | | | |
| 5. DIST TO THLD FROM OM: | | MM: | IM: | 150 HAT: | | 253 HAT: | 0.66 | GS ANT: | |
| 6. MIN GP INCPT: 2600 | | GP ALT AT PFAF: CIBSO 2600 | | | | OM: | | MM: | IM: |
| 7. GP ANGLE: 3.00 | | 34:1: IS NOT CLEAR | 20:1: IS CLEAR | TCH: 43.9 | | | | | |
| 8. MSA FROM: | | | | | | | | | |

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 28 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 ANDERSON ALTIMETER SETTING; INCREASE LPV DA TO 1412 FEET; INCREASE LNAV/VNAV DA TO 1549 FEET AND ALL VISIBILITIES 1/4 SM; INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CATS C AND D 1/4 SM, AND CIRCLING VISIBILITY CATS C AND D 1/2 SM.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 096.23 INBOUND.
 CHART FAS OBST: 1213 TREE (18-030744) 395307N/0851622W.
 CHART VDP AT 1.08 NM TO RW28.
 WAAS CHANNEL # 70541
 REFERENCE PATH ID: W28A
 LTP HAE: 298.4 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	1343	1	253	1343	1	253	1343	1	253	1343	1	253			
LNAV/VNAV DA	1480	1 1/8	390	1480	1 1/8	390	1480	1 1/8	390	1480	1 1/8	390			
LNAV MDA	1480	1	390	1480	1	390	1480	1 1/8	390	1480	1 1/8	390			
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 1412 FEET; INCREASE LNAV/VNAV DA TO 1437 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; INCREASE LPV DA TO 1412 FEET; INCREASE LNAV/VNAV DA TO 1549 FEET AND ALL VISIBILITIES 1/4 SM; INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CATS C AND D 1/4 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. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART VDP AT 1.03 NM TO RW28" TO "CHART VDP AT 1.08 NM TO RW28" - BASED ON RAISING LNAV/VNAV MINS.
4. CHANGED LNAV/VNAV ALL CATS DA/HAT FROM 1368/278 TO 1480/390 AND ALL CATS VISIBILITY FROM 1 SM TO 1 1/8 SM - NEW CONTROLLING OBSTACLE, PER 8260.3G UPDATED VIS TABLES.
5. CHANGED LNAV CATS C AND D VISIBILITY FROM 1 SM TO 1 1/8 SM.
6. CHANGED CIRCLING CATS C AND D MDA/HAA FROM 1720/630 TO 1760/670 - NEW CONTROLLING OBSTACLE, NOTAM FDC 4/4564.
7. CRC REMAINDER CHANGED FROM "C92F2F78" TO "A8ED50AD" - FPAP COORDINATES CHANGED FROM "395236.7050N/0852059.8200W" TO "395236.7055N/0852059.8205W".
8. 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 28

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	RW28
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28A
LTP/FTP LATITUDE	395236.0875N
LTP/FTP LONGITUDE	0851904.0890W
LTP/FTP ELLIPSOIDAL HEIGHT	+02984
FPAP LATITUDE	395236.7055N
FPAP LONGITUDE	0852059.8205W
THRESHOLD CROSSING HEIGHT (TCH)	00043.9
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 A8ED50AD

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03323
FPAP ORTHOMETRIC HEIGHT	+03323

