

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> UNV	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 6	<u>ORIGINAL/AMENDMENT</u> 2D	<u>CITY</u> STATE COLLEGE	<u>STATE</u> PA
<u>AIRPORT ELEVATION</u> 1231	<u>TDZE</u> 1231	<u>SUPERSEDED</u> RNAV (GPS) RWY 6	<u>ORIGINAL/AMENDMENT</u> 2C	<u>DATED</u> 04/20/2023
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 FEBRUARY 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 11W
				<u>EPOCH YEAR</u> 2000
				<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>
PSB VORTAC		HIMAB		TF	FO	1.00	207.34	12.09	4800
HIMAB	IF/IAF	JIDIN		TF	FB	1.00	063.61	2.90	3700
JIDIN		TOYOS		TF	FB	1.00	063.65	3.10	3200
TOYOS	FAF	CUDBA/2.90 NM TO RW06		TF	FB	0.30	063.68	3.14	
CUDBA/2.90 NM TO RW06		RW06	MAP	TF	FO	0.30	063.68	2.90	
RW06	MAP	1431 MSL		CA			063.68		
1431 MSL		HUXET		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW06

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT HUXET AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD SW HIMAB, RT, 063.83 INBOUND, 4400 FT. IN LIEU OF PT (IAF), MAX 6000.					
3. FAC: 063.68	FAF: TOYOS		DIST FAF TO MAP: 6.04	DIST FAF TO THLD: 6.04	
4. MIN ALT: HIMAB 4400, JIDIN 3700, TOYOS 3200, CUDBA/2.90 NM TO RW06 2200					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	200 HAT: 0.49	GS ANT:
6. MIN GP INCPT: 3200	GP ALT AT PFAF: TOYOS 3200		OM:	MM:	IM:
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 45.3		
8. MSA FROM: RW06 4300					



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA NW OF RWY 6-24.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C° OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PSB VORTAC AIRWAY RADIALS 141 CW 188.

ADDITIONAL FLIGHT DATA:

CHART IN PLANVIEW: RIDGE SOARING GLIDERPORT
CHART IN PLANVIEW: BELLEFONTE AIRPORT
HOLD NE, RT, 243.91 INBOUND.
FAS OBST: 1379 TREE 404938N/0775425W.
CHART VDP AT 1.14 NM TO RW06.
WAAS CHANNEL # 87109
REFERENCE PATH ID: W06A
CHART CIRCLING ICON.
LTP HAE: 342 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 800-2 1/4, CAT D 1400-3, 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
LPV DA	1431	3/4	200	1431	3/4	200	1431	3/4	200	1431	3/4	200			
LNAV/VNAV DA	1520	1	289	1520	1	289	1520	1	289	1520	1	289			
LNAV MDA	1640	1	409	1640	1	409	1640	1 1/8	409	1640	1 1/8	409			
CIRCLING	1640	1	409	1700	1	469	1980	2 1/4	749	2580	3	1349			

CHANGES - REASONS

- INCORPORATED CHANGES FROM PREVIOUS P-NOTAMS INTO THE FORM.
- UPDATED PROFILE LINE 7: ANNOTATED 34:1 AND 20:1 ARE CLEAR - IAW 8260.19J, 8-6-7 (G)(3).
- UPDATED AND RELOCATED BACKUP ALTIMETER AND ASSOCIATED NOTES TO 8260-9 IN PART C: GENERAL REMARKS - FOR CONTINGENCY PURPOSES IAW 8260.19J, 8-6-10 (F)(3) WITH FPT AND AIRPORT MANAGEMENT APPROVAL.
- INCREASED CIRCLING CAT C MDA/HAA FROM 1940/709 TO 1980/749 - DUE TO REVISED OBSTACLE EVALUATION, 1662 MSL AAO.
- INCREASE CAT C CIRCLING VISIBILITY FROM 2 SM TO 2 1/4 SM – IAW 8260.3E, TABLE 3-3-7.
- UPDATED ALTERNATE MINIMUMS: STANDARD – CAT C 800-2 1/4, CAT D 1400-3; NA WHEN LOCAL WEATHER NOT AVAILABLE. – DUE TO REVISED CIRCLING MINIMUMS.
- UPDATED FPAP LATITUDE/LONGITUDE FROM: "405040.0055N/0775126.0100W" TO "405040.0045N/0775126.0095W" - NEW FAS DATA CALCULATIONS.
- UPDATED LTP/FTP ELLIPSOIDAL HEIGHT FROM: "+03421" TO "+03420" - NEW FAS DATA CALCULATIONS.
- UPDATED CRC REMAINDER FROM "4EF2A247" TO "2FF1EF44" - NEW FAS DATA CALCULATIONS.
- UPDATED PROFILE LINE 2 FROM: "HOLD SW HIMAB, RT, 063.61 INBOUND, 4100 FT. IN LIEU OF PT (IAF)" TO "HOLD SW HIMAB, RT, 063.61 INBOUND, 4400 FT. IN LIEU OF PT (IAF), MAX 6000." - TO MATCH HIMAB -2 FILE HOLDING PATTERN OBSTACLE.
- ADDITIONAL FLIGHT DATA: AMENDED FAS OBSTACLE FROM "CHART FAS OBST: 1379 TREE 404938N/0775425W" TO "FAS OBST: 1379 TREE 404938N/0775425W" - PER CRITERIA 8260.19J 8-6-11 (D).



COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

X

HAI

NBAA

X

OTHER: ZNY, AMGR

FLIGHT CHECKED BY

JORDAN ROLIH

Digitally signed by

DAVID DANNER

Dec 16, 2024

OFFICE

AJF

DATE

12/13/2024

DEVELOPED BY

TRAVIS BRISTOW

Digitally signed by

DAVID DANNER

Dec 16, 2024

OFFICE

AJV-A421

DATE

10/28/2024

APPROVED BY

DAVID DANNER

Digitally signed by

DAVID DANNER

Dec 16, 2024

OFFICE

AJV-A421

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA

0
0
KUNV
RW06
0
0
W06A
405040.0045N
0775126.0095W
+03420
405133.9600N
0774952.5375W
00045.3
F
03.00
106.75
0704
40.0
35.0

CRC REMAINDER

2FF1EF44

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K6
+03753
+03753

