

**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 BJJ	PROCEDURE NAME RNAV (GPS) RWY 28	ORIGINAL/AMENDMENT ORIG-D	CITY WOOSTER	STATE OH
AIRPORT ELEVATION 1136	TDZE 1134	SUPERSEDED RNAV (GPS) RWY 28	DATED 08/12/2021	MAG VAR 7W
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 25 DECEMBER 2025	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2000
			CANCEL/SUSPEND	

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 187/30 CW 007/30	NOPT	187/8 CW 007/8		3100
2. 187/8 CW 007/8		DEHYY	IF/IAF	3000
3. 007/30 CW 097/30		EBEKY	IAF	3000
4. 097/30 CW 187/30		GIMMU	IAF	3100

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
EBEKY	IAF	DEHYY	NOPT	TF	FB	1.00	007.18	5.00	3000
GIMMU	IAF	DEHYY	NOPT	TF	FB	1.00	187.18	5.00	3000
DEHYY	IF/IAF	COMWE		TF	FB	1.00	277.18	6.04	2800
COMWE	FAF	HENKO/2.00 NM TO RW28		TF	FB	0.30	277.09	3.05	
HENKO/2.00 NM TO RW28		RW28	MAP	TF	FO	0.30	277.09	2.00	
RW28	MAP	1398 MSL		CA			277.09		
1398 MSL		JAVNE		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW28

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT JAVNE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. HOLD E DEHY, RT, 277.18 INBOUND, 3000 IN LIEU OF PT (IAF), MAX 6000.
3. **FAC:** 277.09 **FAF:** COMWE **DIST FAF TO MAP:** 5.05 **DIST FAF TO THLD:** 5.05
4. **MIN ALT:** DEHY 3000, COMWE 2800, HENKO/2.00 NM TO RW28 1800
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **264 HAT:** 0.71 **GS ANT:**
6. **MIN GP INCPT:** 2800 **GP ALT AT PFAF:** COMWE 2800 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.04 **34:1:** IS NOT CLEAR **20:1:** IS NOT CLEAR **TCH:** 35.0
8. **MSA FROM:**

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: BARO-VNAV NA WHEN USING CAK ALTIMETER SETTING.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19°C OR ABOVE 54°C.
 CHART NOTE: RWY 28 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CAK ALTIMETER SETTING AND INCREASE LPV DA TO 1458 FEET; INCREASE LNAV/VNAV DA TO 1649 FEET; INCREASE ALL MDAS 60 FEET; AND CIRCLING VISIBILITY CAT C/D 1/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 096.84 INBOUND.
 CHART FAS OBST: 1323 TOWER (39-127463) 405234N/0815046W.
 CHART 1352 TOWER (39-003676) 405159N/0814544W.
 WAAS CHANNEL # 82215
 REFERENCE PATH ID: W28A
 LTP HAE: 312.4 M

MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT D 800-2 1/4, 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	1398	1	264	1398	1	264	1398	1	264	1398	1	264			
LNAV/VNAV DA	1580	1 3/8	446	1580	1 3/8	446	1580	1 3/8	446	1580	1 3/8	446			
LNAV MDA	1580	1	446	1580	1	446	1580	1 3/8	446	1580	1 3/8	446			
CIRCLING	1600	1	464	1700	1	564	1800	1 3/4	664	1840	2 1/4	704			



CHANGES - REASONS

1. TERMINAL ROUTES: ADDED ROUTES "COMWE TO HENKO/2.00 NM TO RW28", "HENKO/2.00 NM TO RW28 TO RW28", "RW28 TO 1398 MSL", "1398 TO JAVNE" - 8260.19J 8-6-4.
2. MINIMUMS: LNAV MDA/HAT CHANGED FROM "1560/426" TO "1580/446" AND CAT C/D VISIBILITY CHANGED FROM "1 1/4" TO "1 3/8" - NEW CONTROLLING OBSTACLE; 8260.3G VISIBILITY TABLES; CANCELS T-NOTAM 5/9917.
3. MINIMUMS: LNAV/VNAV ALL CATS VISIBILITY CHANGED FROM "1 5/8" TO "1 3/8" - NEW VISIBILITY TABLES.
4. LINE 2: ADDED "MAX 6000" - 8260.19J 8-6-7.B(2).
5. LINE 4: REMOVED ASTERISK FROM HENKO/2.00 NM TO RW28 1800 - NO LONGER REQUIRED BY CRITERIA.
6. LINE 5: ADDED "264 HAT: 0.71" - 8260.19J 8-6-7.E.
7. LINE 7: CHANGED GP ANGLE FROM "3.00" TO "3.04" AND ADDED 20:1: IS NOT CLEAR - 8260.19J 8-6-7.G(3); IAPA VS TARGETS SOFTWARE EVALUATION.
8. NOTES: REMOVED CHART NOTE: "DME/DME RNP-0.3 NA" AND ADDED PBN REQUIREMENTS NOTE: "RNP APCH - GPS" - 8260.19J 8-6-8.
9. NOTES: CHANGED CHART NOTE FROM "BARO-VNAV NA WHEN USING AKRON-CANTON RGNL ALTIMETER SETTING" TO "BARO-VNAV NA WHEN USING CAK ALTIMETER SETTING" - 8260.19J 8-6-10.E.
10. NOTES: CHANGED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19°C OR ABOVE 54°C" - 8260.19 8-6-10.R; NEW TEMPERATURE TABLES.
11. NOTES: CHANGED CHART NOTE FROM "HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" TO "RWY 28 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" - 20:1 IS NOT CLEAR; 8260.19J 8-6-12.K; CLEARS T-NOTAM 5/4569.
12. NOTES: CHANGED CHART NOTE FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AKRON-CANTON RGNL ALTIMETER SETTING: INCREASE LPV DA TO 1458 FEET, LNAV/VNAV DA TO 1649 FEET, AND VISIBILITY LPV ALL CATS 1/4 SM AND LNAV/VNAV ALL CATS 1/8 SM; INCREASE ALL MDA 60 FEET AND VISIBILITY LNAV CAT C/D 1/8 SM AND CIRCLING CAT C/D 1/4 SM" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CAK ALTIMETER SETTING AND INCREASE LPV DA TO 1458 FEET; INCREASE LNAV/VNAV DA TO 1649 FEET; INCREASE ALL MDAS 60 FEET; AND CIRCLING VISIBILITY CAT C/D 1/4 SM." - NEW VISIBILITY TABLES.
13. NOTES: REMOVED "LNAV ONLY" - NO LONGER REQUIRED BY CRITERIA.
14. NOTES: DELETED CHART PROFILE NOTE: "VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - TCH IS WITHIN 3 FEET; 8260.19J 8-6-10.M.
15. ADDITIONAL FLIGHT DATA: CHANGED CHART FAS OBST FROM "1189 TREE 405232N/0815211W, 1309 TREE 405309N/0815008W" TO "CHART FAS OBST: 1323 TOWER (39-127463) 405234N/0815046W" - UPDATED LNAV CONTROLLING OBSTACLE.
16. ADDITIONAL FLIGHT DATA: REMOVED "DISTANCE TO THLD FROM 264 HAT: 0.72 NM" - NO LONGER REQUIRED BY CRITERIA.
17. ADDITIONAL FLIGHT DATA: ADDED "LTP HAE: 312.4 M" - 8260.19J 8-6-11.J.
18. ADDITIONAL FLIGHT DATA: ADDED SURVEY NUMBER "(39-003676)" TO 1352 TOWER.
19. CRC REMAINDER CHANGED FROM "22697AF7" TO "31FE10B6" - LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM "+03125" TO "+03124", GPA CHANGED FROM "03.00" TO "03.04", LTP ORTHOMETRIC HEIGHT AND FPAP ORTHOMETRIC HEIGHT CHANGED FROM "+03456" TO "+03455".

10/22/25: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 05/23/25.

1. MINIMUMS: CHANGED LNAV/VNAV DA/HAT FROM "1589/455" TO "1580/446".
2. PROFILE LINE 6: CHANGED GP ALT AT PFAF FROM "COMWE" TO "COMWE 2800".

COORDINATED WITH:

A4A
 ALPA
 AOPA
 APA
 HAI
 NBAA
 OTHER: CAK APP CON, AMGR, ZOB

FLIGHT CHECKED BY	<i>Digitally signed by</i> CASEY D HILL	OFFICE	DATE
BRIAN P CARSON	Oct 24, 2025	AJF	10/05/2025

DEVELOPED BY	<i>Digitally signed by</i> CASEY D HILL	OFFICE	DATE
TIMOTHY JOHNSON	Oct 24, 2025	AJV-A421	05/23/2025

APPROVED BY	<i>Digitally signed by</i> CASEY D HILL	OFFICE	DATE	TITLE
CASEY HILL	Oct 24, 2025	AJV-A431		MANAGER



AIRPORT ID
BJJ

PROCEDURE NAME
RNAV (GPS) RWY 28

ORIGINAL/AMENDMENT
ORIG-D

CITY
WOOSTER

STATE
OH

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBJJ
RUNWAY	RW28
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28A
LTP/FTP LATITUDE	405229.4330N
LTP/FTP LONGITUDE	0815246.8010W
LTP/FTP ELLIPSOIDAL HEIGHT	+03124
FPAP LATITUDE	405229.4400N
FPAP LONGITUDE	0815444.2500W
THRESHOLD CROSSING HEIGHT (TCH)	00035.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.04
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1232
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 31FE10B6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03455
FPAP ORTHOMETRIC HEIGHT	+03455

