

**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 1G5	PROCEDURE NAME RNAV (GPS) RWY 27	ORIGINAL/AMENDMENT 1	CITY MEDINA	STATE OH
AIRPORT ELEVATION 1190	TDZE 1183	SUPERSEDED RNAV (GPS) RWY 27	DATED 11/07/2019	MAG VAR 7W
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 1990
				CANCEL/SUSPEND

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
BSV VOR/DME		JEVET		TF	FB	1.00	353.52	18.99	3100
AVOBE	IAF	FEPLI		TF	FB	1.00	180.79	6.14	3100
JEVET	IAF	FEPLI		TF	FB	1.00	000.81	6.14	3100
FEPLI	IF	CALSU		TF	FB	1.00	270.80	5.61	2800
CALSU	FAF	RW27	MAP	TF	FO	0.30	270.71	4.27	
RW27	MAP	1590 MSL		CA			270.71		
1590 MSL		FESTO		DF	FO	1.00			2800

MISSED APPROACH

MAP:

LNAV: RW27

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2800 DIRECT FESTO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT FEPLI
- FAC: 270.71 FAF: CALSU DIST FAF TO MAP: 4.27 DIST FAF TO THLD: 4.27
- MIN ALT: FEPLI 3100, CALSU 2800
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT:
- MIN GP INCPT: GP ALT AT FAF: OM: MM: IM:
- GP ANGLE: 34:1 IS NOT CLEAR 20:1 IS CLEAR TCH:
- MSA FROM: RW27 3100



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: USE CLE ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

CHART CLE ASOS.
CHART 1321 TOWER (39-002734) 410806.00N/0814453.00W.
HOLD W, RT, 090.50 INBOUND.
FAS OBST: 1352 AAO 410815N/0814118W.
CALSU TO RW27: 3.50/30.

MINIMUMS:

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

ALTERNATE: NA

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
LNAV MDA	1700	1	517	1700	1	517	1700	1 3/8	517				NA		

CHANGES - REASONS

1. TERMINAL ROUTES: REMOVED FEEDER CXR VOR/DME – CXR VORMON.
2. TERMINAL ROUTES: BSV VOR/DME TO JEVET UPDATED COURSE/DISTANCE FROM "353.95/20.12" TO "353.52/18.99" – JEVET RELOCATED FOR ATC VECTORS.
3. TERMINAL ROUTES: AVODE TO FEPLI UPDATED COURSE/DISTANCE FROM "180.78/5.00" TO "180.79/6.14" – AVODE RELOCATED FOR ATC VECTORS.
4. TERMINAL ROUTES: JEVET TO FEPLI UPDATED COURSE/DISTANCE FROM "000.80/5.00" TO "000.81/6.15" - JEVET RELOCATED FOR ATC VECTORS.
5. TERMINAL ROUTES: FEPLI TO CALSU UPDATED COURSE/DISTANCE FROM "270.79/5.00" TO "270.80/5.61" – FAF CALSU ALIGNED TO VDA/TCH 3.50/30.
6. TERMINAL ROUTES: UPDATED FROM "CALSU TO HEDIN/1.70 NM TO RW27/TF/FB/0.30/270.72/3.18" AND "HEDIN/1.70 NM TO RW27 TO RW27/TF/FO/0.30/270.72/1.70" TO "CALSU TO RW27/TF/FO/0.30/270.71/4.27" - FAF CALSU ALIGNED TO VDA/TCH 3.50/30, HEDIN STEPDOWN FIX REMOVED IAW 8260.3G 2-9-9C(4)(B).
7. TERMINAL ROUTES: CA LEG COURSE UPDATED FROM "270.72" TO "270.71" – NEW TARGETS EVALUATION.
8. PROFILE LINE 3: UPDATED FAC FROM "270.72" TO "270.71" – NEW TARGETS EVALUATION.
9. PROFILE LINE 3: UPDATED DIST FAF TO MAP/THLD FROM "4.88" TO "4.27" - FAF CALSU ALIGNED TO VDA/TCH 3.50/30.
10. PROFILE LINE 4: REMOVED HEDIN/1.70 NM TO RW27 1760 - HEDIN STEPDOWN FIX REMOVED IAW 8260.3G 2-9-9C(4)(B).
11. PBN REQUIREMENTS NOTE: UPDATED FROM "RNP APCH" TO "RNP APCH- GPS" - IAW 8260.19K, 8-6-8D(5)(A)(1).
12. NOTES: UPDATED "CHART NOTE: USE CLEVELAND-HOPKINS INTL ALTIMETER SETTING" TO "CHART NOTE: USE CLE ALTIMETER SETTING" – IAW 8260.19K 8-6-10F(6).
13. ADDITIONAL FLIGHT DATA: UPDATED "CHART CLEVELAND-HOPKINS INTL ASOS" TO "CHART CLE ASOS" – IAW 8260.19K 8-2-4B(3).
14. ADDITIONAL FLIGHT DATA: REMOVED "CHART PROFILE NOTE: VISUAL SEGMENT – OBSTACLES" – PROCEDURE REDESIGNED TO HIGHER VDA, MATCH VGSI IAW 8260.3G 2-6-4A AND PER FPT REQUEST.
15. ADDITIONAL FLIGHT DATA: UPDATED FAS OBSTACLE FROM "CHART FAS OBST: 1338 POLE 410818N/0814356W" TO "FAS OBST: 1352 AAO 410815N/0814118W" - IAW 8260.19K 8-6-11C, NEW OBSTACLE EVALUATION.
16. ADDITIONAL FLIGHT DATA: ADDED "CALSU TO RW27: 3.50/30" – IAW 8260.19K 8-6-11O(1) ALIGNED WITH VGSI, FPT REQUESTED.
17. ADDITIONAL FLIGHT DATA: ADDED "CHART 1321 TOWER (39-002734) 410806.00N/0814453.00W" – IAW 8260.19K 8-6-11D.



AIRPORT ID
1G5

PROCEDURE NAME
RNAV (GPS) RWY 27

ORIGINAL/AMENDMENT
1

CITY
MEDINA

STATE
OH

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA**

OTHER: ZOB, AMGR, CLE APP CON

FLIGHT CHECKED BY

MARC WEBBER

Digitally signed by
CASIMIR L TABAKA
Nov 13, 2025

OFFICE

AJF

DATE

10/28/2025

DEVELOPED BY

CASEY HILL (MICHAEL DARDEN)

Digitally signed by
CASIMIR L TABAKA
Nov 13, 2025

OFFICE

AJV-A421

DATE

08/26/2025

APPROVED BY

CASEY HILL

Digitally signed by
CASIMIR L TABAKA
Nov 13, 2025

OFFICE

AJV-A421

DATE

01/22/2026

TITLE
MANAGER



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u> 1G5	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 27	<u>AMDT NO.</u> 1	<u>CITY</u> MEDINA	<u>STATE</u> OH	<u>AIRPORT ELEVATION</u> 1190	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM BSV VOR/DME **TO** JEVET

RNP 1.00 DISTANCE 18.99 PAT MAP HAT HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (39-000849)	404642.73N/0812702.14W	1540	50	20	2C	1000				AT560	3100
TERRAIN	405757.00N/0812842.00W	1272 (1300)								AS1500	2800

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM AVOBE **TO** FEPLI

RNP 1.00 DISTANCE 6.14 PAT MAP HAT HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
STACK (39-000564)	410844.00N/0813038.00W	1541	250	50	4D	1000				AT559	3100
TERRAIN	411200.00N/0813657.00W	1161 (1200)								AS1500	2700

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



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1G5

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RNAV (GPS) RWY 27

AMDT NO.
1

CITY
MEDINA

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OH

AIRPORT ELEVATION
1190

FACILITY
RNAV

INITIAL

FROM
JEVET

TO
FEPLI

RNP
1.00

DISTANCE
6.14

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
STACK (39-000564)	410844.00N/0813038.00W	1541	250	50	4D	1000				AT559	3100
TERRAIN	410333.00N/0812948.00W	1174 (1200)								AS1500	2700

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM
FEPLI

TO
CALSU

RNP
1.00

DISTANCE
5.61

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
STACK (39-000564)	410844.00N/0813038.00W	1541	250	50	4D	500				AT759	2800
TERRAIN	410945.00N/0814009.00W	1223 (1200)								AS1500	2700

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID
1G5

PROCEDURE NAME
RNAV (GPS) RWY 27

AMDT NO.
1

CITY
MEDINA

STATE
OH

AIRPORT ELEVATION
1190

FACILITY
RNAV

FINAL: LNAV

FROM
CALSU

TO
RW27

RNP
0.30

DISTANCE
4.27

PAT

MAP
RW27

HAT
517

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	410815.00N/0814118.00W	1352	215	8	4B	250				RA97	1700

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM
RW27

TO
FESTO

RNP
0.30-1.00

DISTANCE

PAT

MAP

HAT

HMAS
1503

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2800
TOWER (39-003321)	410831.00N/0815343.00W	1503	500	50	5D	1000					2600
TERRAIN	410615.00N/0815142.00W	1230 (1200)								AS1500	2700

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING ALL CATS CAT A CAT B CAT C CAT D CAT E NOT AUTHORIZED

MSA

CENTER
RW27

RADIUS
25



SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (39-000134)	412147.65N/0814257.40W	015	14.0	2049	250	50	4D	1000			3100

MSA REMARKS:

AIRPORT ID
1G5

PROCEDURE NAME
RNAV (GPS) RWY 27

AMDT NO.
1

CITY
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STATE
OH

AIRPORT ELEVATION
1190

FACILITY
RNAV

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

CLE APP CON

WX SERVICE
ASOS

LOCATION
CLE

HRS OPERATION
24

ALTIMETER SOURCE
CLE

DISTANCE
17.17

WMSCR
Y

ADJUSTMENTS
97

BACK-UP WX SERVICE

LOCATION

HRS OPERATION

ALTIMETER SOURCE

DISTANCE

WMSCR

ADJUSTMENTS

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
1G5 1190, KCLE 778
RA = 96.6.

NO BACKUP ALTIMETER SOURCE. CLE HAS MULTIPLE BACKUP FACILITIES.

PRIMARY NAVAID

MONITOR POINT

HRS OPERATION

CAT

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW01 - MIRL (PCL), PAPI-4L (PCL)	BSC-G	
RW19 - MIRL (PCL), PAPI-4L (PCL)	BSC-G	
RW09 - MIRL (PCL), PAPI-4L	NPI-G	
RW27 - REIL (PCL), MIRL (PCL), PAPI-4L (PCL)	NPI-G	

GLIDESLOPE ANGLE

ELEV RWY THRESHOLD

TCH

ELEV GS ANTENNA

DISTANCE FROM RWY

VGSI ANGLE

TCH

3.50

30.0

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD
ON CENTERLINE

FT FROM THRESHOLD
FT FROM CENTERLINE

DISPLACED THRESHOLD DISTANCE

CRITICAL TEMPERATURES

CRITICAL LOW

CRITICAL HIGH

ACT

APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	LNAV
34:1	
1321 TOWER (39-002734) 410806.0000N/0814453.0000W (37.44)	1229 TREE (39-054595) 410802.1000N/0814520.7200W (8.73)
1224 TREE (39-054596) 410758.8200N/0814520.5000W (4.31)	



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FACILITY
RNAV

PENETRATIONS REMARKS:

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VDP NOT ESTABLISHED - PRIMARY REMOTE ALTIMETER.

VEGETATION HEIGHT: 100 FT PER FPT.

ORDER 8260.3 CHAPTER 2 APPLIED TO 1424 AAO 410945.00N/0814009.00W.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	2.27
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	263.71
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1200
DISTANCE FROM	THLD	TO 1500FT POINT	4.07
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	263.71
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1200

THRESHOLD COORDINATES (IF STR-IN)

410756.79N/0814539.32W

ARP COORDINATES

410753.20N/0814553.60W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

RUNWAY 9 DISTANCE 0.40 NM

FAF COORDINATES

410825.02N/0814002.28W

FIX NAME COORDINATES

REMARKS

PART E: PREPARED BY

NAME

CASEY HILL (MICHAEL DARDEN)

OFFICE

AJV-A421

DATE

08/26/2025

TITLE

AERONAUTICAL INFORMATION SPECIALIST

