

**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> CGF	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 6	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> CLEVELAND	<u>STATE</u> OH
<u>AIRPORT ELEVATION</u> 876	<u>TDZE</u> 874	<u>SUPERSEDED</u> RNAV (GPS) RWY 6	<u>DATED</u> 11/08/2018	<u>MAG VAR</u> 8W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 1995
				<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>
ZONIA	IF	EUKER		TF	FB	1.00	057.36	6.11	2200
EUKER	FAF	RW06	MAP	TF	FO	0.30	057.43	4.02	
RW06	MAP	1175 MSL		CA			057.43		
1175 MSL		IFSEH		DF	FB	1.00			
IFSEH		BRICC		TF	FO	1.00	130.25	12.20	3100

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW06

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3100 DIRECT IFSEH AND ON TRACK 130.25 TO BRICC AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- PT** SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT ZONIA
- FAC:** 057.43 FAF: EUKER DIST FAF TO MAP: 4.02 DIST FAF TO THLD: 4.02
- MIN ALT:** ZONIA 2200, EUKER 2200
- DIST TO THLD FROM OM:** MM: IM: 150 HAT: 301 HAT: 0.80 GS ANT:
- MIN GP INCPT:** 2200 GP ALT AT PFAF: EUKER 2200 OM: MM: IM:
- GP ANGLE:** 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 45.0
- MSA FROM:** RW06 3100



**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: RWY 6 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.  
 CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CLE ALTIMETER SETTING.  
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CLE ALTIMETER SETTING AND INCREASE LPV DA TO 1233 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE LNAV/VNAV DA TO 1433 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C/D 1/8 SM, AND CIRCLING VISIBILITY CAT C/D 1/4 SM.

**ADDITIONAL FLIGHT DATA:**

HOLD S, LT, 357.37 INBOUND.  
 FAS OBST: 1191 AAO 413048N/0813230W.  
 CHART VDP AT 1.69 NM TO RW06.  
 WAAS CHANNEL # 70628  
 REFERENCE PATH ID: W06A  
 LTP HAE: 232.2 M

**MINIMUMS:**

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

**ALTERNATE:** NA  STANDARD - CAT D 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>												
LPV DA	1175	7/8	301	1175	7/8	301	1175	7/8	301	1175	7/8	301			
LNAV/VNAV DA	1375	1 3/8	501	1375	1 3/8	501	1375	1 3/8	501	1375	1 3/8	501			
LNAV MDA	1460	1	586	1460	1	586	1460	1 3/4	586	1460	1 3/4	586			
CIRCLING	1460	1	584	1500	1	624	1560	2	684	1640	2 1/2	764			



**CHANGES - REASONS**

1. TERMINAL ROUTES: UPDATED ZONIA TO EUKER DISTANCE FROM "6.10" TO "6.11" – FAF MOVED TO ALIGN TCH.
2. TERMINAL ROUTES: UPDATED EUKER COURSE FROM "057.42" TO "057.43" AND DISTANCE FROM "4.03" TO "4.02" – FAF MOVED TO ALIGN TCH.
3. TERMINAL ROUTES: UPDATED CA LEG COURSE FROM "057.42" TO "057.43" – TO ALIGN WITH FAC.
4. TERMINAL ROUTES: UPDATED MA LEG FROM IFSEH TO CRX VOR/DME TO IFSEH TO BRICC, UPDATED COURSE FROM "130.21" TO "130.25" AND DISTANCE FROM "12.19" TO "12.20" – CRX VOR/DME BEING DECOMMISSIONED.
5. MISSED APPROACH INSTRUCTIONS: UPDATED FROM "CLIMB TO 3100 DIRECT IFSEH AND ON TRACK 130.21 TO CXR VOR/DME AND HOLD" TO "CLIMB TO 3100 DIRECT IFSEH AND ON TRACK 130.25 TO BRICC AND HOLD" - CRX VOR/DME BEING DECOMMISSIONED.
6. PROFILE LINE 2: UPDATED FAC FROM "057.42" TO "057.43" AND DIST FAF TO MAP AND DIST FAF TO THLD FROM "4.03" TO "4.02" – FAF MOVED TO ALIGN WITH TCH.
7. PROFILE LINE 4: UPDATED 301 HAT FROM "0.81" TO "0.80" - UPDATED FAF LOCATION.
8. PROFILE LINE 7: UPDATED TCH FROM "42.0" TO "45.0" – TO ALIGN WITH AIRNAV DATA.
9. PBN REQUIREMENT NOTES: UPDATED FROM "RNP APCH" TO "RNP APCH – GPS" – IAW 8260.19K 8-6-8.
10. NOTES: UPDATED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C OR ABOVE 38C" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C" – 8-6-10.
11. NOTES: ADDED "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CLE ALTIMETER SETTING AND INCREASE LPV DA TO 1233 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE LNAV/VNAV DA TO 1433 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C/D 1/8 SM, AND CIRCLING VISIBILITY CAT C/D 1/4 SM." – UPDATED AND MOVED FROM PART C: GENERAL REMARKS, IAW 8260.19K 8-6-10.
12. NOTES: ADDED "CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CLE ALTIMETER SETTING." – IAW 8260.19K 8-6-10.
13. ADDITIONAL FLIGHT DATA: REMOVED "CHART CIRCLING ICON," "1199 AAO 413029N/0813242W" AND "LNAV ONLY" – NO LONGER REQUIRED.
14. ADDITIONAL FLIGHT DATA: UPDATED NOTE FROM "CHART FAS OBST: 1105 ANTENNA 413126N/0813216W" TO "FAS OBST: 1191 AAO 413048N/0813230W" – UPDATED SURVEY, NEW OBSTACLE IDENTIFIED.
15. ADDITIONAL FLIGHT DATA: UPDATED NOTE FROM "HOLD NW, RT, 150.87 INBOUND" TO "HOLD S, LT, 357.37 INBOUND" – MISSED APPROACH HOLDING FIX UPDATED.
16. ADDITIONAL FLIGHT DATA: UPDATED NOTE FROM "CHART VDP AT 1.39 NM TO RW06\*" TO "CHART VDP AT 1.69 NM TO RW06" – ASTERISK REMOVED; FAF LOCATION UPDATED.
17. MINIMUMS: ALTERNATE: UPDATED FROM "STANDARD - CAT D 800-2 1/4" TO "STANDARD - CAT D 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE" – IAW 8260.19K 8-6-12.
18. MINIMUMS: UPDATED LNAV ALL CATS DA/HAT FROM "1360/486" TO "1460/586" AND CAT C/D VISIBILITY FROM "1 3/8" TO "1 3/4" – NEW CONTROLLING OBSTACLE IDENTIFIED; IAW 8260.3E TABLE 3-3-1.
19. MINIMUMS: UPDATED CIRCLING CAT A MDA/HAA FROM "1400/524" TO "1460/584," CAT D FROM "1600/724" TO "1640/764" AND CAT D VISIBILITY FROM "2 1/4" TO "2 1/2" - NEW CONTROLLING OBSTACLES IDENTIFIED; IAW 8260.3E TABLE 3-3-1.
20. FAS DATA: UPDATED FPAF LONGITUDE/LATITUDE FROM "413434.7500N/0812808.0875W" TO "413434.7410N/ 0812808.0770W," TCH FROM "42.0" TO "45.0" AND CRC REMAINDER FROM "D421172B" TO "3317ECD3."

**COORDINATED WITH:**

A4A  
  ALPA  
  AOPA  
  APA  
  HAI  
  NBAA

**OTHER:** ZOB, CLE APP CON, CGF ATCT, AMGR

**FLIGHT CHECKED BY**

BRIAN P CARSON  
*Digitally signed by*  
**ROBERT G HAMILTON**  
 Oct 14, 2025

**OFFICE**

AJF

**DATE**

10/05/2025

**DEVELOPED BY**

RAKE MCGRAW (JUDITH TUTTLE)  
*Digitally signed by*  
**ROBERT G HAMILTON**  
 Oct 14, 2025

**OFFICE**

AJV-A431

**DATE**

07/30/2025

**APPROVED BY**

RAKE MCGRAW  
*Digitally signed by*  
**ROBERT G HAMILTON**  
 Oct 14, 2025

**OFFICE**

AJV-A4

**DATE**

**TITLE**  
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCGF
RUNWAY	RW06
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W06A
LTP/FTP LATITUDE	413336.8300N
LTP/FTP LONGITUDE	0812938.3200W
LTP/FTP ELLIPSOIDAL HEIGHT	+02322
FPAP LATITUDE	413434.7410N
FPAP LONGITUDE	0812808.0770W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1168
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 3317ECD3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02665
FPAP ORTHOMETRIC HEIGHT	+02665



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

<u>AIRPORT ID</u> CGF	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 6	<u>AMDT NO.</u> 3	<u>CITY</u> CLEVELAND	<u>STATE</u> OH	<u>AIRPORT ELEVATION</u> 876	<u>FACILITY</u> RNAV
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**PART A: OBSTRUCTION DATA SEGMENTS**

**INTERMEDIATE**

<u>FROM</u> ZONIA	<u>TO</u> EUKER
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<u>RNP</u> 1.00	<u>DISTANCE</u> 6.11	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	412951.00N/0813306.00W	1211	215	8	4B	500				AT489	2200
TERRAIN	412930.00N/0813312.00W	1010 (1000)								AS1000	2000

**COMPUTATIONS**

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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**SEGMENT REMARKS:**

**FINAL: LPV**

<u>FROM</u> EUKER	<u>TO</u> RW06
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<u>RNP</u> 0.30	<u>DISTANCE</u> 4.02	<u>PAT</u>	<u>MAP</u> DA	<u>HAT</u> 301	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (39-056758)	413314.89N/0813010.32W	970	20	3	1A		34.00:1				1175

**COMPUTATIONS**

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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**SEGMENT REMARKS:**



**AIRPORT ID**  
CGF

**PROCEDURE NAME**  
RNAV (GPS) RWY 6

**AMDT NO.**  
3

**CITY**  
CLEVELAND

**STATE**  
OH

**AIRPORT ELEVATION**  
876

**FACILITY**  
RNAV

**FINAL: LNAV/VNAV**

**FROM**  
EUKER

**TO**  
RW06

**RNP**  
0.30

**DISTANCE**  
4.02

**PAT**

**MAP**  
DA

**HAT**  
501

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
TREE (39-069439)	413230.53N/0813007.89W	1078	20	3	1A		23.36:1				1375

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**FINAL: LNAV**

**FROM**  
EUKER

**TO**  
RW06

**RNP**  
0.30

**DISTANCE**  
4.02

**PAT**

**MAP**  
RW06

**HAT**  
586

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
AAO	413048.00N/0813230.00W	1191	215	8	4B	250					1460

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
CGF

**PROCEDURE NAME**  
RNAV (GPS) RWY 6

**AMDT NO.**  
3

**CITY**  
CLEVELAND

**STATE**  
OH

**AIRPORT ELEVATION**  
876

**FACILITY**  
RNAV

**MISSED APPROACH: LPV**

**FROM**  
DA **TO**  
BRICC

**RNP**  
0.30-1.00

**DISTANCE**

**PAT**

**MAP**

**HAT**

**HMAS**  
966

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
							ASC				3100
TOWER (39-102374)	413459.89N/0811554.06W	1625	50	20	2C	1000					2700
TERRAIN	413057.00N/0811430.00W	1364 (1400)								AS1500	2900

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**MISSED APPROACH: LNAV/VNAV**

**FROM**  
DA **TO**  
BRICC

**RNP**  
0.30-1.00

**DISTANCE**

**PAT**

**MAP**

**HAT**

**HMAS**  
1214

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
							ASC				3100
TOWER (39-102374)	413459.89N/0811554.06W	1625	50	20	2C	1000					2700
TERRAIN	413057.00N/0811430.00W	1364 (1400)								AS1500	2900

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
CGF

**PROCEDURE NAME**  
RNAV (GPS) RWY 6

**AMDT NO.**  
3

**CITY**  
CLEVELAND

**STATE**  
OH

**AIRPORT ELEVATION**  
876

**FACILITY**  
RNAV

**MISSED APPROACH: LNAV**

**FROM**  
RW06 **TO**  
BRICC

**RNP**  
0.30-1.00

**DISTANCE**

**PAT**

**MAP**

**HAT**

**HMAS**  
1360

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3100
TOWER (39-102374)	413459.89N/0811554.06W	1625	50	20	2C	1000					2700
TERRAIN	413057.00N/0811430.00W	1364 (1400)								AS1500	2900

**COMPUTATIONS**

**ALT**    **CIAS**    **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

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TOWER (39-002613)	413239.86N/0812939.03W	1.30	584	1109	20	3	1A	300		SI	1460
CATEGORY B											
TOWER (39-020623)	413147.56N/0812932.82W	1.84	624	1143	500	50	5D	300		AC50	1500
CATEGORY C											
ANTENNA (39-065858)	413116.61N/0812756.69W	2.89	684	1254	20	10	1B	300			1560
CATEGORY D											
AAO	413027.00N/0812706.00W	3.77	764	1329	215	8	4B	300			1640

**CIRCLING REMARKS:**

**MSA**

**CENTER**  
RW06    **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	228	15.5	2049	250	50	4D	1000			3100

**MSA REMARKS:**

**AIRPORT ID**  
CGF

**PROCEDURE NAME**  
RNAV (GPS) RWY 6

**AMDT NO.**  
3

**CITY**  
CLEVELAND

**STATE**  
OH

**AIRPORT ELEVATION**  
876

**FACILITY**  
RNAV

**NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:**

**PART B: SUPPLEMENTAL DATA**

**COMMUNICATIONS WITH**

ZOB ARTCC, CLE APP CON, CGF TOWER

**WX SERVICE**  
AWOS-3PT

**LOCATION**  
CGF

**HRS OPERATION**  
24

**ALTIMETER SOURCE**  
CGF

**DISTANCE**

**WMSCR**  
Y

**ADJUSTMENTS**  
0

**BACK-UP WX SERVICE**  
ASOS

**LOCATION**  
CLE

**HRS OPERATION**  
24

**ALTIMETER SOURCE**  
CLE

**DISTANCE**  
19.01

**WMSCR**  
Y

**ADJUSTMENTS**  
58

**WX REMARKS:**

RASS PRESSURE PATTERNS THE SAME  
KCGF 876, KCLE 778  
RA = 57.5.

**PRIMARY NAVAID**

**MONITOR POINT**

**HRS OPERATION**

**CAT**

<b>APPROACH AND RUNWAY LIGHTING SYSTEM</b>	<b>RUNWAY MARKINGS</b>	<b>RUNWAY VISUAL RANGE</b>
RW06 - HIRL (PCL), REIL (PCL), PAPI-4L (PCL)	NPI-G	
RW24 - MALSR (PCL), HIRL (PCL), PAPI-4L	PIR-G	

**GLIDESLOPE ANGLE**  
3.00

**ELEV RWY THRESHOLD**  
874.2

**TCH**  
45.0

**ELEV GS ANTENNA**

**DISTANCE FROM RWY**

**VGSI ANGLE**  
3.00

**TCH**  
45.0

**FINAL APPROACH COURSE AIMING**

RUNWAY THRESHOLD  
ON CENTERLINE

FT FROM THRESHOLD  
FT FROM CENTERLINE

DISPLACED THRESHOLD DISTANCE 318

**CRITICAL TEMPERATURES**

**CRITICAL LOW**  
-16C

**CRITICAL HIGH**  
+54C

**ACT**  
-16C

**APT ISA**  
+13.27C

**CRITICAL TEMPERATURE REMARKS:**

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.  
CRITICAL LOW TEMPERATURE BASED ON ACT.  
DESCENT RATE (FPM): STANDARD TEMP 966 HIGH TEMP 1275.

**"VISUAL PORTION OF FINAL" PENETRATIONS**

FINAL TYPE	LPV, LNAV/VNAV, AND LNAV
34:1	
958 TREE (39-069290) 413318.6000N/0812958.3200W (20.43)	970 TREE (39-056825) 413315.1300N/0813001.6600W (20.04)
942 TREE (39-056539) 413320.8500N/0812954.3300W (15.56)	953 TREE (39-056973) 413318.1800N/0813000.0800W (11.63)
955 TREE (39-056978) 413316.9000N/0812959.9900W (11.3)	944 TREE (39-057073) 413322.5700N/0813002.0700W (7.74)

QUALITY  
10  
CHECKED

**AIRPORT ID**  
CGF

**PROCEDURE NAME**  
RNAV (GPS) RWY 6

**AMDT NO.**  
3

**CITY**  
CLEVELAND

**STATE**  
OH

**AIRPORT ELEVATION**  
876

**FACILITY**  
RNAV

970 TREE (39-056758) 413314.8900N/0813010.3200W (4.86)	949 TREE (39-069585) 413319.4200N/0813003.5100W (4.19)
945 TREE (39-056952) 413321.0600N/0813003.0600W (4.13)	950 TREE (39-056821) 413316.5000N/0813002.5200W (1.23)
894 NAVAID (39-022821) 413329.9200N/0812945.1300W (0.75)	

**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.

100 FT VEGETATION HEIGHT USED PER FPT.

ORDER 8260.3 CHAPTER 2 APPLIED TO 1208 AAO 413000.00N/0813254.00W.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

**PART D: AIRSPACE**

**DOCKET #**

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

<b>DISTANCE FROM</b>	<b>THLD</b>	<b>TO 1000FT POINT</b>	3.39
<b>WIDTH OF</b>	<b>FINAL</b>	<b>SEGMENT AT 1000FT POINT</b>	1.55
<b>TRUE COURSE OF</b>	<b>FINAL</b>	<b>SEGMENT CONTAINING 1000FT POINT</b>	49.43
<b>HIGH TERRAIN IN</b>	<b>FINAL</b>	<b>SEGMENT CONTAINING 1000FT POINT</b>	1000
<b>DISTANCE FROM</b>	<b>THLD</b>	<b>TO 1500FT POINT</b>	9.73
<b>WIDTH OF</b>	<b>INTERMEDIATE</b>	<b>SEGMENT AT 1500FT POINT</b>	4.00
<b>TRUE COURSE OF</b>	<b>INTERMEDIATE</b>	<b>SEGMENT CONTAINING 1500FT POINT</b>	049.43
<b>HIGH TERRAIN IN</b>	<b>INTERMEDIATE</b>	<b>SEGMENT CONTAINING 1500FT POINT</b>	1000

**THRESHOLD COORDINATES (IF STR-IN)**

413336.83N/0812938.32W

**ARP COORDINATES**

413352.50N/0812914.00W

**RUNWAY APCH END AND DIST FURTHEST FROM ARP**

RUNWAY 6 DISTANCE 0.45 NM

**FAF COORDINATES**

413059.89N/0813342.50W

**FIX NAME COORDINATES**

**REMARKS**

THLD DISPLACED 318FT, ACTUAL COORDINATES: 413334.79N/0812941.50W



AIRPORT ID  
CGF

PROCEDURE NAME  
RNAV (GPS) RWY 6

AMDT NO.  
3

CITY  
CLEVELAND

STATE  
OH

AIRPORT ELEVATION  
876

FACILITY  
RNAV

**PART E: PREPARED BY**

NAME  
RAKE MCGRAW (JUDITH TUTTLE)

OFFICE  
AJV-A431

DATE  
07/30/2025

TITLE  
AERONAUTICAL INFORMATION SPECIALIST

