

**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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>	
MFD	RNAV (GPS) RWY 14	1C	MANSFIELD	OH	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
1297	1276	RNAV (GPS) RWY 14	08/13/2020	6W	1985
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>	
RNAV			ROUTINE		

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 053/30 CW 233/30	NOPT	UPIYO	IF/IAF	3000
2. 233/30 CW 053/30		UPIYO	IF/IAF	3000

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>
UPIYO	IF/IAF	HUGIX		TF	FB	1.00	142.83	7.00	2700
HUGIX	FAF	WIMOS/1.70 NM TO RW14		TF	FB	0.30	142.90	2.74	
WIMOS/1.70 NM TO RW14		RW14	MAP	TF	FO	0.30	142.90	1.70	
RW14	MAP	1476 MSL		CA			142.90		
1476 MSL		PIRCI		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW14

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT PIRCI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
31
CHECKED

PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD NW UPIYO, RT, 142.83 INBOUND, 3000 IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	142.90	FAF:	HUGIX	DIST FAF TO MAP:	4.44	DIST FAF TO THLD:	4.44							
4.	MIN ALT:	UPIYO 3000, HUGIX 2700, WIMOS/1.70 NM TO RW14 1820													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		200 HAT:	0.59	GS ANT:				
6.	MIN GP INCPT:	2700	GP ALT AT PFAF:	HUGIX 2700			OM:				MM:			IM:	
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	42.1							
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 323.05 INBOUND.
CHART FAS OBST: 1396 TREE 404927N/0823157W.
CHART 1421 TOWER (39-001900) 405247N/0823514W.
CHART VDP AT 1.12 NM TO RW14.
WAAS CHANNEL # 53426
REFERENCE PATH ID: W14A
LTP HAE: 345.8 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	HAT/HAA
LPV DA	1476	3/4	200	1476	3/4	200	1476	3/4	200	1476	3/4	200			
LNAV/VNAV DA	1565	7/8	289	1565	7/8	289	1565	7/8	289	1565	7/8	289			
LNAV MDA	1660	1	384	1660	1	384	1660	1	384	1660	1	384			
CIRCLING	1760	1	463	1820	1	523	2000	2	703	2000	2 1/4	703			



CHANGES - REASONS

1. INCORPORATED CHANGES FROM P-NOTAM FOR AMENDMENT 1B INTO FORM – IAW 8260.19K PARA 8-3-4.C (3).
2. TERMINAL ROUTES: WIMOS TO RW14 AND CA LEG COURSES CHANGED FROM “142.92” TO “142.90” – NEW EVALUATION, NO CHANGE TO GROUND TRACK.
3. TERMINAL ROUTES: CA LEG CHANGED FROM 1446 TO 1476 – UPDATED TO MATCH PUBLISHED LPV MINIMUMS.
4. REMOVED “*” FROM PROFILE LINE 4 AND ON PROFILE VIEW FOR VDP AT “*1 NM TO RW14” AND DELETED “*LNAV ONLY” – NO LONGER REQUIRED PER CURRENT CRITERIA.
5. PROFILE: LINE 5 ADDED “200 HAT: 0.59” – IAW 8260.19K, 8-6-7.E.(3).
6. PROFILE: LINE 7 ADDED “20:1” IS CLEAR – IAW 8260.19K, 8-6-7.G.(3)(A).
7. DELETED CHART NOTE “DME/DME RNP-0.3 NA.” AND ADDED PBN REQUIREMENTS NOTE “RNP APCH – GPS.” – IAW 8260.19K 8-6-8.
8. NOTES: CHANGED CHART NOTE FROM “FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C (0°F) OR ABOVE 36°C (96°F).” TO “FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 54°C.” – FAHRENHEIT REMOVED IAW 8260.19K, 8-6-10.R.
9. NOTES: BACKUP ALTIMETER NOTE MOVED TO PART C – FPT DIRECTED TO MOVE BACKUP ALTIMETER NOTES.
10. NOTES: MOVED CHART NOTE TO PART C “VDP AND BARO-VNAV NA WHEN USING MARION ALTIMETER SETTING.” – FPT DIRECTED TO MOVE BACKUP ALTIMETER NOTES.
11. ADDITIONAL FLIGHT DATA: CHANGED CHART FAS OBST FROM “1356 TREE (KMFDL035) 404955N/0823117W” TO “1396 TREE 404927N/0823157W.” – NEW OBSTACLE EVALUATION.
12. ADDITIONAL FLIGHT DATA: CHANGED FROM “CHART 1430 TOWER (39-001900) 405246N/0823514W.” TO “CHART 1421 TOWER (39-001900) 405247N/0823514W.” – DUE TO NEW OBSTACLE EVALUATION/NEW 7:1 TAKEN.
13. ADDITIONAL FLIGHT DATA: CHANGED FROM “CHART VDP AT 1.04 NM TO RW14.” TO “CHART VDP AT 1.12 NM TO RW14.” – NEW TARGETS EVALUATION.
14. ADDITIONAL FLIGHT DATA: DELETED “CHART CIRCLING ICON” – NO LONGER REQUIRED AND IAW FAA MEMO “REVISED CIRCLING MANEUVERING AREA CRITERIA IMPLEMENTATION PLAN” DATED 09/30/2021.
15. ADDITIONAL FLIGHT DATA: DELETED “CHART: ASR” – NO LONGER REQUIRED BY CRITERIA.
16. MINIMUMS: LNAV/VNAV RAISED DA/HAT ALL CATS FROM 1557/281 TO 1565/289 – NEW OBSTACLE EVALUATION.
17. MINIMUMS: LNAV RAISED MDA/HAT ALL CATS FROM 1620/344 TO 1660/384 – NEW OBSTACLE EVALUATION.
18. MINIMUMS: CIRCLING CAT B RAISED MDA/HAA FROM 1760/463 TO 1820/523 – NEW OBSTACLE EVALUATION AND CLEARS NOTAM FDC 5/8958.
19. FAS DATA: CRC REMAINDER CHANGED FROM “52ECDAC3” TO “9B7A98A4” – FPAP LAT/LONG CHANGED FROM “404853.9700N/0823021.8600W” TO “404853.9755N/0823021.8560W”.

09/19/2025: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 08/11/2025.
1. CHANGED TAA FROM “223/30 CW 053/30” TO “233/30 CW 053/30”

COORDINATED WITH:

A4A

☒

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER: ZOB, MFD ATCT, MFD APP CON, AMGR

FLIGHT CHECKED BY

MARC WEBBER

Digitally signed by
CASIMIR L TABAKA
Sep 19, 2025

OFFICE

AJF

DATE

11/19/2025

DEVELOPED BY

CASIMIR L. TABAKA (CHRISTOPHER D. WILKINSON)

Digitally signed by
CASIMIR L TABAKA
Sep 19, 2025

OFFICE

AJV-A432

DATE

08/11/2025

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by
CASIMIR L TABAKA
Sep 19, 2025

OFFICE

AJV-A4

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMFD
RUNWAY	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	404959.1235N
LTP/FTP LONGITUDE	0823141.9780W
LTP/FTP ELLIPSOIDAL HEIGHT	+03458
FPAP LATITUDE	404853.9755N
FPAP LONGITUDE	0823021.8560W
THRESHOLD CROSSING HEIGHT (TCH)	00042.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0008
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	9B7A98A4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03796
FPAP ORTHOMETRIC HEIGHT	+03796



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

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
MFD	RNAV (GPS) RWY 14	1C	MANSFIELD	OH	1297	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM 053/30 CW 233/30 **TO** UPIYO

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (39-020129)	410430.29N/0822704.00W	1949	500	50	5D	1000					3000
TERRAIN	405139.00N/0825127.00W	1079 (1100)								AS1500	2600

COMPUTATIONS

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

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM 233/30 CW 053/30 **TO** UPIYO

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (39-138307)	403458.60N/0822824.80W	1961	250	50	4D	1000					3000
TERRAIN	404339.00N/0823706.00W	1509 (1500)								AS1500	3000

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY
31
CHECKED

INTERMEDIATE

FROM

UPIYO (IF/IAF)

TO

HUGIX

RNP

1.00

DISTANCE

7.00

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (39-004001)	405645.57N/0823948.28W	1598	250	50	4D	500					2100
TERRAIN	405315.00N/0823542.00W	1161 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LPV

FROM

HUGIX

TO

RW14

RNP

0.30

DISTANCE

4.44

PAT

MAP

DA

HAT

200

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				1476

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV/VNAV

FROM

HUGIX

TO

RW14

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	4.44		DA		289						
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE	404927.00N/0823157.00W	1396	215	8	4B	161				AC8	1565

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

HUGIX

TO

WIMOS/1.70 NM TO RW14

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	2.74										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	405209.00N/0823527.00W	1421	215	8	4B	250				RA120 DG21	1820

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM

WIMOS/1.70 NM TO RW14

TO

RW14

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	1.70		RW14		384						
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE	404927.00N/0823157.00W	1396	215	8	4B	250					1660

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



HOLD-IN-LIEU OF PT

FROM

UPIYO

TO

P-5

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-5	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (39-004001)	405645.57N/0823948.28W	1598	250	50	4D	1000				AT402	3000
TERRAIN	405339.00N/0824442.00W	1145 (1100)								AS1500	2600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSSED APPROACH: LPV

FROM

DA

TO

PIRCI

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30										1297	
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				3000
TOWER (39-001730)	404521.12N/0822520.47W	1729	500	50	5D	1000					2800
TERRAIN	404618.00N/0822721.00W	1381 (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

PIRCI

<u>RNP</u> 0.30	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 1404			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				3000
TOWER (39-001730)	404521.12N/0822520.47W	1729	500	50	5D	1000					2800
TERRAIN	404618.00N/0822721.00W	1381 (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

FROM

RW14

TO

PIRCI

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 1560				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				3000
TOWER (39-001730)	404521.12N/0822520.47W	1729	500	50	5D	1000					2800
TERRAIN	404618.00N/0822721.00W	1381 (1400)								AS1500	2900

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

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TREE	404854.00N/0822851.00W	1.31	463	1452	215	8	4B	300			1760
CATEGORY B											
TOWER (39-002567)	404727.10N/0823023.30W	1.85	523	1468	250	50	4D	300		AC50	1820
CATEGORY C											
TOWER (39-000400)	404614.00N/0823234.00W	2.91	703	1647	250	50	4D	300		AC50	2000
CATEGORY D											
TOWER (39-000400)	404614.00N/0823234.00W	3.81	703	1647	250	50	4D	300		AC50	2000

CIRCLING REMARKS:

MSA/ESA

CENTERRADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

MFD TOWER, MFD APP CON, ZOB ARTCC

WX SERVICE ASOS	LOCATION MFD	HRS OPERATION 24	ALTIMETER SOURCE MFD	DISTANCE	WMSCR Y	ADJUSTMENTS 0
BACK-UP WX SERVICE ASOS	LOCATION MNN	HRS OPERATION 24	ALTIMETER SOURCE MNN	DISTANCE 27.82	WMSCR Y	ADJUSTMENTS 108

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KMFD 1297, KMNN 986
RA = 108.0.

PRIMARY NAVAID

MONITOR POINT

HRS OPERATION

CAT



<u>AIRPORT ID</u> MFD	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 14	<u>AMDT NO.</u> 1C	<u>CITY</u> MANSFIELD	<u>STATE</u> OH	<u>AIRPORT ELEVATION</u> 1297	<u>FACILITY</u> RNAV
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>		<u>RUNWAY VISUAL RANGE</u>		
RW05 - HIRL (PCL), REIL (PCL), PAPI-4L (PCL)		NPI-F				
RW23 - HIRL (PCL), REIL (PCL), PAPI-4L (PCL)		NPI-F				
RW14 - HIRL (PCL), PAPI-4L (PCL)		PIR-G		ROLL OUT		
RW32 - MALSR (PCL), HIRL (PCL)		PIR-G		APPROACH		

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 1245.5	<u>TCH</u> 42.1	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 42.1
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	☒	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	☒	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -18C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -18C	<u>APT ISA</u> +12.43C
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CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2006-2010).
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 972 HIGH TEMP 1282.

"VISUAL PORTION OF FINAL" PENETRATIONS

<u>PENETRATIONS REMARKS:</u>

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

<u>PENETRATIONS REMARKS:</u>



PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
100 FT VEGETATION PER FPT.

FOR CONTINGENCY USE:
WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MNN ALTIMETER SETTING AND INCREASE LPV DA TO 1584 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE LNAV/VNAV DA TO 1673 FEET AND ALL VISIBILITIES 1/4 SM; INCREASE ALL MDAS 120 FEET AND LNAV VISIBILITY CAT C/D 3/8 SM, AND CIRCLING VISIBILITY CAT C/D 1/2 SM.
BARO-VNAV AND VDP NA WHEN USING MNN ALTIMETER SETTING.

ORDER 8260.3 CHAPTER 2 APPLIED TO 1421 TOWER (39-001900) 405246.87N/0823513.96W.

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

DISTANCE FROM	THLD	TO 1000FT POINT	3.18
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	136.90
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1300
DISTANCE FROM	THLD	TO 1500FT POINT	10.84
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	8.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	136.83
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	1100

THRESHOLD COORDINATES (IF STR-IN)	404959.12N/0823141.98W
ARP COORDINATES	404917.10N/0823059.90W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 14 DISTANCE 0.88 NM
FAF COORDINATES	405313.60N/0823541.53W
FIX NAME COORDINATES	

REMARKS

TAA: UPIYO 405820.28N-0824200.39W, 30NM.

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
CASIMIR L. TABAKA (CHRISTOPHER D. WILKINSON)	AJV-A432	08/11/2025	AERONAUTICAL INFORMATION SPECIALIST

