

**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> LCK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 23R	<u>ORIGINAL/AMENDMENT</u> ORIG-E	<u>CITY</u> COLUMBUS	<u>STATE</u> OH
<u>AIRPORT ELEVATION</u> 744	<u>TDZE</u> 743	<u>SUPERSEDED</u> RNAV (GPS) RWY 23R	<u>DATED</u> 09/09/2021	<u>MAG VAR</u> 7W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2010
			<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>
VADUY	IAF	HAMOT	NOPT	TF	FB	1.00	311.16	7.37	3000
FABDO	IAF	HAMOT	NOPT	TF	FB	1.00	189.25	6.97	3000
HAMOT	IF/IAF	HESLA		TF	FB	1.00	232.43	6.53	2400
HESLA	FAF	RW23R	MAP	TF	FO	0.30	232.37	5.04	
RW23R	MAP	943 MSL		CA			232.37		
943 MSL		COLMU		DF	FB	1.00			
COLMU		XUB VOR		TF	FO	1.00	178.72	13.27	3000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW23R

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3000 DIRECT COLMU AND ON TRACK 178.72 TO XUB VOR AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NE HAMOT, RT, 232.43 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC: 232.37 FAF: HESLA DIST FAF TO MAP: 5.04 DIST FAF TO THLD: 5.04
- MIN ALT: HAMOT 3000, HESLA 2400
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.46 GS ANT: IM:
- MIN GP INCPT: 2400 GP ALT AT PFAF: HESLA 2400 OM: MM:
- GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 55.0
- MSA FROM: RW23R 3100



**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: CIRCLING NA NW OF RWY 5L-23R.  
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.  
 CHART PROFILE NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT (VGSi ANGLE {ANGLE}/TCH {FEET}).  
 CHART NOTE: BARO-VNAV AND VDP NA WHEN USING JOHN GLENN COLUMBUS INTL ALTIMETER SETTING.  
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FABDO ON V5 NORTHEAST BOUND.  
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JOHN GLENN COLUMBUS INTL ALTIMETER SETTING: INCREASE LPV DA TO 978 FEET; INCREASE LNAV/VNAV DA TO 1041 FEET AND ALL VISIBILITIES TO 1 SM; INCREASE ALL MDAS 40 FEET AND CIRCLING CAT D VISIBILITY 1/4 SM.  
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT VADUY ON T323 SOUTHBOUND

**ADDITIONAL FLIGHT DATA:**

HOLD N, LT, 176.00 INBOUND.  
 FAS OBST: 970 AAO 395244N/0825005W.  
 CHART VDP AT 1.25 NM TO RW23R.  
 WAAS CHANNEL # 78421  
 REFERENCE PATH ID: W23B  
 LTP HAE: 191.7 M

**MINIMUMS:**

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

**ALTERNATE:** NA  STANDARD - 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	943	3/4	200	943	3/4	200	943	3/4	200	943	3/4	200				
LNAV/VNAV DA	1006	7/8	263	1006	7/8	263	1006	7/8	263	1006	7/8	263				
LNAV MDA	1220	1	477	1220	1	477	1220	1 3/8	477	1220	1 3/8	477				
CIRCLING	1240	1	496	1240	1	496	1280	1 1/2	536	1400	2	656				

**CHANGES - REASONS**

- INCORPORATED CHANGES FROM P-NOTAMS FOR ORIG-A THRU ORIG-D INTO FORM – IAW 8260-19I 8-3-4.C (3).
- UPDATED MAGVAR FROM 5W/1985 TO 7W/2010 - KLCK MAGVAR UPDATED FROM 5W-1985 TO 7W/2010; NO GROUND TRACK CHANGE AND CORRECTED DOCUMENTATION IAW 8260.19I 8-3-4.B(12).
- ALL COURSES, EXCEPT MA HOLDING, INCREASED BY 2 DEGREES - KLCK AIRPORT MAGVAR CORRECTED FROM 5W TO 7W
- PROFILE LINE 2: ADDED MAX 6000 - IAW 8260.19I, 8-6-7B(2).
- PROFILE LINE 5: ADDED "DIST TO THLD FROM 200 HAT: 0.46" - IAW 8260.19I, 8-6-7.E(3)
- PROFILE LINE 7: ADDED "20:1 IS CLEAR" – NO 20:1 PENETRATIONS
- PBN REQUIREMENT NOTES: CHANGED "RNP APCH" TO "RNP APCH – GPS" - IAW 8260.19I, 8-6-8.A.
- NOTES: UPDATED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TAROT ON V493 SOUTHBOUND." TO "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT VADUY ON T323 SOUTHBOUND – YRK VORTAC VOR MON, T323 ADDED PER AIRSPACE DOCKET 23-ASO-8.
- NOTES: COMBINED BARO-VNAV AND VDP NOTE, AND UPDATED AIRPORT NAME, INTO "BARO-VNAV AND VDP NA WHEN USING JOHN GLENN COLUMBUS INTL ALTIMETER SETTING."- IAW 8260.19I 8-6-9.R.
- ADDITIONAL FLIGHT DATA: UPDATED LTP HAE FROM 191.8M TO 191.7M. - IAW 8260.19I, 8-6-10J(3).
- ADDITIONAL FLIGHT DATA: REMOVED "LNAV ONLY" FROM VDP NOTE – IAW 8260.19I, 8-6-10. M
- ADDITIONAL FLIGHT DATA: UPDATED VDP FROM "1.33NM" TO "1.25NM" – IAW 8260.3E 2-6-5.B.
- FAS DATA BLOCK: CHANGED CRC REMAINDER FROM "73E9F8FF" TO "4DEE1CA8"- LTP/FTP LAT/LONG CHANGED FROM "394927.9195N/0825459.1225W" TO "394927.9210N/0825459.1325W"; FPAP LAT/LONG CHANGED FROM "394812.0800N/ 0825638.5500W" TO "394812.0715N/ 0825638.5510W", LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM "+01918" TO "+01917"; LTP/FPAP ORTHOMETRIC HEIGHT CHANGED FROM "+02259" TO "+02258". - NEW AIRPORT SURVEY DATED 4/26/2022.



AIRPORT ID  
LCK

PROCEDURE NAME  
RNAV (GPS) RWY 23R

ORIGINAL/AMENDMENT  
ORIG-E

CITY  
COLUMBUS

STATE  
OH

COORDINATED WITH:

A4A  ALPA  AOPA  APA  HAI  NBAA  OTHER: ZID, CMH APP CON, LCK ATCT, AMGR

FLIGHT CHECKED BY

SCOTT WIEBE

OFFICE

FPO

DATE

03/28/2024

DEVELOPED BY

DAVID DANNER (WALKER R. MILLIGAN)

OFFICE

AJV-A421

DATE

10/03/2023

APPROVED BY

DAVID DANNER

OFFICE

AJV-A421

DATE

05/16/2024

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  
KLCK  
RW23R  
0  
0  
W23B  
394927.9210N  
0825459.1325W  
+01917  
394812.0715N  
0825638.5510W  
00055.0  
F  
03.00  
106.75  
0000  
40.0  
35.0

CRC REMAINDER

4DEE1CA8

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE  
LTP ORTHOMETRIC HEIGHT  
FPAP ORTHOMETRIC HEIGHT

K5  
+02258  
+02258



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

<u>AIRPORT ID</u> LCK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 23R	<u>AMDT NO.</u> ORIG-E	<u>CITY</u> COLUMBUS	<u>STATE</u> OH	<u>AIRPORT ELEVATION</u> 744	<u>FACILITY</u> RNAV
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**PART A: OBSTRUCTION DATA SEGMENTS**

**INITIAL**  
**FROM**  
VADUY

**TO**  
HAMOT

RNP                      DISTANCE                      PAT                      MAP                      HAT                      HMAS

1.00                      7.37

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (39-002759)	395700.00N/0824329.00W	1360	500	50	5D	1000				AT640	3000
TERRAIN	395603.00N/0823830.00W	1116 (1100)								AS1500	2600

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**INITIAL**  
**FROM**  
FABDO

**TO**  
HAMOT

RNP                      DISTANCE                      PAT                      MAP                      HAT                      HMAS

1.00                      6.97

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (39-001219)	400334.00N/0824213.00W	1549	500	50	5D	1000				AT451	3000
TERRAIN	400400.00N/0824136.00W	1247 (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**  
LCK

**PROCEDURE NAME**  
RNAV (GPS) RWY 23R

**AMDT NO.**  
ORIG-E

**CITY**  
COLUMBUS

**STATE**  
OH

**AIRPORT ELEVATION**  
744

**FACILITY**  
RNAV

**INTERMEDIATE**

**FROM**  
HAMOT

**TO**  
HESLA

**RNP**  
1.00

**DISTANCE**  
6.53

**PAT**

**MAP**

**HAT**

**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>
TOWER (39-002759)	395700.00N/0824329.00W	1360	500	50	5D	500				AT540	2400
TERRAIN	395930.00N/0824506.00W	1083 (1100)								AS1000	2100

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**FINAL: LPV**

**FROM**  
HESLA

**TO**  
RW23R

**RNP**  
0.30

**DISTANCE**  
5.04

**PAT**

**MAP**  
DA

**HAT**  
200

**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>
							ASC				943

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
LCK

**PROCEDURE NAME**  
RNAV (GPS) RWY 23R

**AMDT NO.**  
ORIG-E

**CITY**  
COLUMBUS

**STATE**  
OH

**AIRPORT ELEVATION**  
744

**FACILITY**  
RNAV

**FINAL: LNAV/VNAV**

**FROM** HESLA **TO** RW23R

**RNP** 0.30 **DISTANCE** 5.04 **PAT** **MAP** DA **HAT** 263 **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 (39-077574)	395008.75N/0825444.93W	845	20	3	1A	161					1006

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**FINAL: LNAV**

**FROM** HESLA **TO** RW23R

**RNP** 0.30 **DISTANCE** 5.04 **PAT** **MAP** RW23R **HAT** 477 **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	395244.42N/0825004.93W	970	50	20	2C	250					1220

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
LCK

**PROCEDURE NAME**  
RNAV (GPS) RWY 23R

**AMDT NO.**  
ORIG-E

**CITY**  
COLUMBUS

**STATE**  
OH

**AIRPORT ELEVATION**  
744

**FACILITY**  
RNAV

**HOLD-IN-LIEU OF PT**

**FROM** HAMOT **TO**

**RNP** **DISTANCE** **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (39-001219)	400334.00N/0824213.00W	1549	500	50	5D	1000				AT451	3000
TERRAIN	400339.00N/0824054.00W	1250 (1300)								AS1500	2800

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**MISSED APPROACH: LPV**

**FROM** DA **TO** XUB VOR

**RNP** **DISTANCE** **PAT** **MAP** **HAT** **HMAS**  
0.30 774

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
AAO	394515.00N/0830339.00W	1001	164	98	4E	1000					2100
TERRAIN	394515.00N/0830339.00W	801 (800)								AS1500	2300

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
LCK

**PROCEDURE NAME**  
RNAV (GPS) RWY 23R

**AMDT NO.**  
ORIG-E

**CITY**  
COLUMBUS

**STATE**  
OH

**AIRPORT ELEVATION**  
744

**FACILITY**  
RNAV

**MISSED APPROACH: LNAV/VNAV**

**FROM**  
DA **TO**  
XUB VOR

**RNP** 0.30 **DISTANCE** **PAT** **MAP** **HAT** **HMAS**  
845

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
AAO	394515.00N/0830339.00W	1001	164	98	4E	1000					2100
TERRAIN	394515.00N/0830339.00W	801 (800)								AS1500	2300

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**MISSED APPROACH: LNAV**

**FROM**  
RW23R **TO**  
XUB VOR

**RNP** 0.30-1.00 **DISTANCE** **PAT** **MAP** **HAT** **HMAS**  
1120

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
AAO	394515.00N/0830339.00W	1001	164	98	4E	1000					2100
TERRAIN	394515.00N/0830339.00W	801 (800)								AS1500	2300

**COMPUTATIONS**

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

**SEGMENT REMARKS:**





**AIRPORT ID**  
LCK

**PROCEDURE NAME**  
RNAV (GPS) RWY 23R

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OH

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744

**FACILITY**  
RNAV

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

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>RADIUS</b>	<b>HAA</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
CATEGORY A											
ELEVATOR (39-100864)	394650.00N/0825648.00W	1.30	496	876	250	50	4D	300		AC50	1240
CATEGORY B											
ELEVATOR (39-100864)	394650.00N/0825648.00W	1.83	496	876	250	50	4D	300		AC50	1240
CATEGORY C											
TOWER (39-103369)	394946.54N/0825133.64W	2.88	536	929	250	50	4D	300		AC50	1280
CATEGORY D											
AAO	394741.33N/0825023.71W	3.76	656	1100	50	20	2C	300			1400

**CIRCLING REMARKS:**

**MSA**

**CENTER** **RADIUS**  
RW23R 25

<b>SECTOR</b>	<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>BEARING</b>	<b>DISTANCE</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
360-360	TWR (39-000604)	400933.00N/0825523.00W	004	20.1	2046	500	50	5D	1000			3100

**MSA REMARKS:**

**NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:**



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LCK

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ORIG-E

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OH

**AIRPORT ELEVATION**  
744

**FACILITY**  
RNAV

**PART B: SUPPLEMENTAL DATA**

**COMMUNICATIONS WITH**

ZID ARTCC, CMH APP CON, LCK TOWER

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>
AWOS-3	LCK	24	LCK	0.83	Y	0

<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>
ASOS	CMH	24	CMH	10.86	Y	35

**WX REMARKS:**

RASS PRESSURE PATTERNS THE SAME  
KLCK 744, KCMH 811  
RA = 34.4.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
-----------------------	----------------------	----------------------	------------

<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW05L - MALSR, HIRL, PAPI-4L	PIR-G	
RW05R - ALSF-2, C/LINE, HIRL, TDZ, PAPI-4L	PIR-G	APPROACH
RW23L - MALSR, C/LINE, HIRL, PAPI-4L	PIR-G	APPROACH
RW23R - REIL, HIRL, PAPI-4L	PIR-G	

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
3.00	740.7	55.0			3.00	79.3

**FINAL APPROACH COURSE AIMING**

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	989
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE		

**CRITICAL TEMPERATURES**

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
-16C	+54C	-16C	+13.53C

**CRITICAL TEMPERATURE REMARKS:**

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.  
CRITICAL LOW TEMPERATURE BASED ON ACT.  
DESCENT RATE (FPM): STANDARD TEMP 965 HIGH TEMP 1273.



**AIRPORT ID**  
LCK

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COLUMBUS

**STATE**  
OH

**AIRPORT ELEVATION**  
744

**FACILITY**  
RNAV

**"VISUAL PORTION OF FINAL" PENETRATIONS**

**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.

TAA NOT DEVELOPED AT ATC REQUEST.

MISSED APPROACH TO YELLOW BUD (XUB) VOR AT ATC REQUEST.

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>	<b>3.19</b>
<b>WIDTH OF</b>	<b>FINAL</b>	<b>SEGMENT AT 1000FT POINT</b>	<b>1.20</b>
<b>TRUE COURSE OF</b>	<b>FINAL</b>	<b>SEGMENT CONTAINING 1000FT POINT</b>	<b>225.37</b>
<b>HIGH TERRAIN IN</b>	<b>FINAL</b>	<b>SEGMENT CONTAINING 1000FT POINT</b>	<b>800</b>
<b>DISTANCE FROM</b>	<b>THLD</b>	<b>TO 1500FT POINT</b>	<b>10.77</b>
<b>WIDTH OF</b>	<b>INTERMEDIATE</b>	<b>SEGMENT AT 1500FT POINT</b>	<b>4.00</b>
<b>TRUE COURSE OF</b>	<b>INTERMEDIATE</b>	<b>SEGMENT CONTAINING 1500FT POINT</b>	<b>225.43</b>
<b>HIGH TERRAIN IN</b>	<b>INTERMEDIATE</b>	<b>SEGMENT CONTAINING 1500FT POINT</b>	<b>1100</b>

<b>THRESHOLD COORDINATES (IF STR-IN)</b>	394927.92N/0825459.13W
<b>ARP COORDINATES</b>	394849.64N/0825540.14W
<b>RUNWAY APCH END AND DIST FURTHEST FROM ARP</b>	RUNWAY 5R DISTANCE 1.01 NM
<b>FAF COORDINATES</b>	395300.49N/0825019.98W
<b>FIX NAME COORDINATES</b>	

**REMARKS**

THLD DISPLACED 989FT, ACTUAL COORDINATES: 394934.80N/0825450.12W

**PART E: PREPARED BY**

**NAME**  
DAVID DANNER (WALKER R. MILLIGAN)

**OFFICE**  
AJV-A421

**DATE**  
10/03/2023

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