

**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 5L	<u>ORIGINAL/AMENDMENT</u> ORIG-D	<u>CITY</u> COLUMBUS	<u>STATE</u> OH
<u>AIRPORT ELEVATION</u> 744	<u>TDZE</u> 744	<u>SUPERSEDED</u> RNAV (GPS) RWY 5L	<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**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
TARTO		LAKDE		TF	FB	1.00	283.32	17.65	3000
LAKDE	IAF	HIGID	NOPT	TF	FB	1.00	322.39	8.00	3000
GAILL	IAF	HIGID	NOPT	TF	FB	1.00	079.48	14.09	3000
HIGID	IF/IAF	COLMU		TF	FB	1.00	052.19	7.20	2400
COLMU	FAF	ZOGAM/1.20 NM TO RW05L		TF	FB	0.30	052.26	3.83	
ZOGAM/1.20 NM TO RW05L		RW05L	MAP	TF	FO	0.30	052.26	1.20	
RW05L	MAP	1500 MSL		CA			052.26		1500
1500 MSL		XUB VOR		DF	FO	1.00			3000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW05L

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 DIRECT XUB VOR AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD SW HIGID, RT, 052.19 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.					
3. FAC: 052.26	FAF: COLMU		DIST FAF TO MAP: 5.03	DIST FAF TO THLD: 5.03	
4. MIN ALT: HIGID 3000, COLMU 2400, ZOGAM/1.20 NM TO RW05L 1200					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	200 HAT: 0.45	GS ANT:
6. MIN GP INCPT: 2400	GP ALT AT PFAF: COLMU 2400			OM:	MM:
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 55.0		IM:
8. MSA FROM: RW05L 3100					



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA NW OF RWY 5L-23R.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.  
CHART NOTE: BARO-VNAV NA WHEN USING JOHN GLENN COLUMBUS INTL ALTIMETER SETTING.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GAILL ON V19 SOUTHWEST BOUND.  
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JOHN GLENN COLUMBUS INTL ALTIMETER SETTING: INCREASE LPV DA TO 979 FEET; INCREASE LNAV/VNAV DA TO 1042 FEET; INCREASE ALL MDAS 40 FEET AND CIRCLING VISIBILITY CAT D 1/4 SM.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TARTO ON T323 SOUTHBOUND

ADDITIONAL FLIGHT DATA:

HOLD N, LT, 176.00 INBOUND.  
CHART FAS OBST: 846 TREE (39-077242) 394756N/0825600W.  
WAAS CHANNEL # 78022  
REFERENCE PATH ID: W05B  
LTP HAE: 192.1 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	944	1/2	200	944	1/2	200	944	1/2	200	944	1/2	200			
LNAV/VNAV DA	1007	1/2	263	1007	1/2	263	1007	1/2	263	1007	1/2	263			
LNAV MDA	1100	1/2	356	1100	1/2	356	1100	5/8	356	1100	5/8	356			
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, ORIG-B, AND ORIG-C INTO FORM – IAW 8260.19I 8-3-4.C (3).
- UPDATED MAGVAR FROM 5W/1985 TO 7W/2010 - KLCK MAGVAR UPDATED ON ORIG-B BUT COURSES NOT UPDATED; 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 MAGVAR UPDATED FROM 5W TO 7W.
- TERMINAL ROUTES: UPDATED ZOGAM/1.20 NM TO RW05L AND RWY05L TO 1500 MSL COURSES FROM 050.30 TO 052.26 - UPDATED MAGVAR; NO ASSOCIATED GROUND TRACK CHANGE, IAW 8260.58C 3-5-2, AND 8260.19I 8-6-4.B(12).
- PROFILE LINE 2: ADDED MAX HOLDING 6000 - IAW 8260.19I, PARA 8-6-7B(2).
- PROFILE LINE 4: REMOVED THE ASTERISK FROM 1200 - NO LONGER REQUIRED, IAW 8260.19I, 8-6-7.D.
- 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 TARTO ON V493 SOUTHBOUND." TO "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TARTO ON T323 SOUTHBOUND – YRK VORTAC VOR MON, T323 ADDED PER AIRSPACE DOCKET 23-ASO-8.
- NOTES: REMOVED "CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 3/4 SM." - TERMINAL PROCEDURES PUBLICATION TABLE (3) APPLIES.
- NOTES: REMOVED "LNAV ONLY" - NO LONGER REQUIRED, IAW 8260.19I, 8-6-7.D.
- NOTES: UPDATED "CHART NOTE: CIRCLING NA NORTHWEST OF RWY 5L-23R" TO "CHART NOTE: CIRCLING NA NW OF RWY 5L-23R" - 8260.19I, 8-6-11, O.(G).



COORDINATED WITH:

A4A☒ALPA☒AOPA☒APA☐HAI☐NBAA☒OTHER:

ZID, CMH APP CON, LCK ATCT, AMGR

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

Digitally signed by

DAVID DANNER

Mar 29, 2024

DATE

10/10/2023

DEVELOPED BY

DAVID DANNER (WALKER R. MILLIGAN)

Digitally signed by

DAVID DANNER

Mar 29, 2024

OFFICE

AJV-A421

DATE

10/10/2023

APPROVED BY

DAVID DANNER

Digitally signed by

DAVID DANNER

Mar 29, 2024

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  
RW05L  
0  
0  
W05B  
394818.3150N  
0825630.3710W  
+01921  
394934.7900N  
0825450.1100W  
00055.0  
F  
03.00  
106.5  
0000  
40.0  
35.0

CRC REMAINDER 46C79BB9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5  
LTP ORTHOMETRIC HEIGHT +02262  
FPAP ORTHOMETRIC HEIGHT +02262



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

<u>AIRPORT ID</u> LCK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 5L	<u>AMDT NO.</u> ORIG-D	<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**

**FEEDER**

**FROM** TARTO **TO** LAKDE

RNP 1.00 DISTANCE 17.65 PAT MAP HAT HMAS

<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	393230.00N/0823854.00W	1398	164	98	4E	1000				AT602	3000
TERRAIN	393230.00N/0823900.00W	1198 (1200)								AS1500	2700

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**INITIAL**

**FROM** LAKDE **TO** HIGID

RNP 1.00 DISTANCE 8.00 PAT MAP HAT HMAS

<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 (39-002176)	393901.00N/0831006.00W	1260	500	50	5D	1000				AT740	3000
TERRAIN	393939.00N/0831021.00W	837 (800)								AS1500	2300

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

QUALITY  
21  
CHECKED

INITIAL

FROM

GAILL

TO

HIGID

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	14.09										
<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 (39-002176)	393901.00N/0831006.00W	1260	500	50	5D	1000				AT740	3000
TERRAIN	393651.00N/0832542.00W	1001 (1000)								AS1500	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

HIGID

TO

COLMU

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	7.20										
<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 (39-002176)	393901.00N/0831006.00W	1260	500	50	5D	500				AT640	2400
TERRAIN	394039.00N/0831000.00W	840 (800)								AS1500	2300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

NOTE RETAINED FROM AMDT 0C:

ALL INTERMEDIATE SEGMENTS HAVE DIFFERENT CONTROLLING OBSTACLE'S. DUE TO SIAP LIMITATIONS, UNABLE TO ENTER THEM BY NAME.

CHARTED 1260 TOWER (39-002176) BECAUSE IT IS HIGHEST.

OTHER CONTROLLERS:

1054 AAO (4E) 394024.00N/0831030.00W

1054 AAO (4E) 394109.00N/0831021.00W



FINAL: LPV

FROM

COLMU

TO

RW05L

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	5.03		DA				200				
<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				944

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM

COLMU

TO

RW05L

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	5.03		DA				263				
<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 (39-077242)	394756.42N/0825600.28W	846	20	3	1A	161					1007

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV

FROM

COLMU

TO

ZOGAM/1.20 NM TO RW05L

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	3.83										
<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	394458.64N/0825948.09W	900	50	20	2C	250				RA35	1200

COMPUTATIONS

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

SEGMENT REMARKS:



FINAL: LNAV STEPDOWN

FROM

ZOGAM/1.20 NM TO RW05L

TO

RW05L

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	1.20		RW05L	356	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (39-077242)	394756.42N/0825600.28W	846	20	3	1A	250					1100

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

HIGID

TO

P-5

RNP	DISTANCE	PAT	MAP	HAT	HMAS
		P-5			

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (39-002643)	393520.00N/0830644.00W	1916	500	50	5D	1000					3000
TERRAIN	393930.00N/0831457.00W	890 (900)								AS1500	2400

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

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30											776
<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 (39-000351)	394117.00N/0824321.00W	1411	250	50	4D	1000					2500
TERRAIN	394657.00N/0824424.00W	1172 (1200)								AS1500	2700

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

XUB VOR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30										907	
<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 (39-000351)	394117.00N/0824321.00W	1411	250	50	4D	1000					2500
TERRAIN	394657.00N/0824424.00W	1172 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:





MISSSED APPROACH: LNAV

FROM

RW05L

TO

XUB VOR

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 1000			
<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 (39-000351)	394117.00N/0824321.00W	1411	250	50	4D	1000					2500
TERRAIN	394657.00N/0824424.00W	1172 (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

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
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

RW05L

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (39-000604)	400933.00N/0825523.00W	007	21.3	2046	500	50	5D	1000			3100

MSA REMARKS:



NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZID ARTCC, CMH APP CON, LCK TOWER

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
AWOS-3	LCK	24	LCK	0.83	Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
ASOS	CMH	24	CMH	10.86	Y	35

WX REMARKS:

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

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
APPROACH AND RUNWAY LIGHTING SYSTEM		RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW05L - MALSR, HIRL, PAPI-4L		PIR-G	
RW05R - ALSF-2, HIRL, TDZ, C/LINE, PAPI-4L		PIR-G	APPROACH
RW23L - MALSR, HIRL, C/LINE, PAPI-4L		PIR-G	APPROACH
RW23R - REIL, HIRL, PAPI-4L		PIR-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	742.0	55.0			3.00	70.1

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	898
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE		

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
-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 1272.



"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:

VDP NOT ESTABLISHED - VDP IS LESS THAN 0.5NM AFTER STEPDOWN.  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
TAA NOT DEVELOPED AT ATC REQUEST.  
ALL ASSUMED VEGETATION HEIGHT= 100 FEET.

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	3.15
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	045.26
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	800
DISTANCE FROM	THLD	TO 1500FT POINT	4.83
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	045.26
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	800

THRESHOLD COORDINATES (IF STR-IN)	394818.32N/0825630.37W
ARP COORDINATES	394849.64N/0825540.14W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 5R DISTANCE 1.01 NM
FAF COORDINATES	394445.66N/0830108.74W
FIX NAME COORDINATES	

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.  
THLD DISPLACED 898FT, ACTUAL COORDINATES: 394812.08N/0825638.55W

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
DAVID DANNER (WALKER R. MILLIGAN)	AJV-A421	10/10/2023	AERONAUTICAL INFORMATION SPECIALIST



AIRPORT ID  
LCK

PROCEDURE NAME  
RNAV (GPS) RWY 5L

AMDT NO.  
ORIG-D

CITY  
COLUMBUS

STATE  
OH

AIRPORT ELEVATION  
744

FACILITY  
RNAV

