

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

Bearings, headings, courses, 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 in feet RVR.

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
APE VORTAC	CABMI (FO)	260.62 / 28.02	3000	LPV: DA LNAV/VNAV: DA LNAV: RW10L CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 3000 DIRECT APE VORTAC AND HOLD.
LIMPS (IAF)	CABMI (NOPT) (FB)	013.88 / 11.34	3000	
PIZZA (IAF)	CABMI (NOPT) (FB)	131.00 / 8.74	3000	
CABMI (IF/IAF)	ALEME (FB)	101.03 / 6.43	2700	ADDITIONAL FLIGHT DATA: HOLD NE, RT, 235.00 INBOUND. CHART FAS OBST: 1176 BLDG 395954N/0830022W CHART: 1400 TOWER 400103N/0830108W DISTANCE TO THLD FROM 200 HATH: 0.47 NM. CHART VDP AT 1.92 MILES TO RW10L* *LNAV ONLY.
ALEME (FAF)	RW10L (MAP) (FO)	101.12 / 5.76	1400	
RW10L (MAP)	1400 MSL	101.12	3000	
1400 MSL	APE VORTAC (FO)			

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD W CABMI, RT, 101.03 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 101.12 FAF: ALEME DIST FAF TO MAP: 5.76 THLD: 5.76
- MIN. ALT: CABMI 3000, ALEME 2700
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2700 GS ALT AT: ALEME 2700 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 50.1 34:1 IS CLEAR
- MSA FROM: RW10L 3100

WAAS CHANNEL # 40299
REFERENCE PATH ID: W10B
CHART CIRCLING ICON
LTP HAE: 214.3 M

MAG VAR: 7W

EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		STANDARD @						
CATEGORY	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1015	2400	200	1015	2400	200	1015	2400	200	1015	2400	200			
LNAV/VNAV DA	1199	4000	384	1199	4000	384	1199	4000	384	1199	4000	384			
LNAV MDA	1480	2400	665	1480	2400	665	1480	1 1/2	665	1480	1 1/2	665			
CIRCLING	1480	1	665	1480	1	665	1520	2	705	1540	2 1/4	725			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 54C (130F).
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 10R.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON APE VORTAC AIRWAY RADIALS 189 CW 335.
(SEE FORM 8260-10)

@ CAT D 800-2 1/4

QUALITY
5
CHECKED

CITY AND STATE COLUMBUS, OH	ELEVATION: 815 THRE: 815 AIRPORT NAME: PORT COLUMBUS INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 10L, AMDT 3 22 AUGUST 2013	SUP: AMDT: 2 DATED 09/23/2010
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RNAV - STANDARD
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NOTES, (CONT.):

CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.

QUALITY
CHECKED
5

CITY AND STATE
COLUMBUS, OH

ELEVATION: 815 THRE: 815
AIRPORT NAME:
PORT COLUMBUS INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) Y RWY 10L, AMDT 3
22 AUGUST 2013

SUP:
AMDT: 2
DATED: 09/23/2010

RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA 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
KCMH
RW10L
0
Y
0
W10B
400011.5300N
0825427.4945W
+02143
400004.9835N
0825231.8615W
00050.1
F
03.00
106.75
0312
40.0
35.0

CRC REMAINDER

187B1CB8

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K5
+02483
+02483

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RNAV (GPS) Y RWY 10L; AMDT 3
22 AUGUST 2013

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KCMHK5FR10LY	AAPE	010APE	K5D 0V	IF					18000		A JS	
SUSAP	KCMHK5FR10LY	AAPE	020CABMIK5EA0EY	020TF			26060280	+ 03000				A JS	
SUSAP	KCMHK5FR10LY	AAPE	030CABMIK5EA0EE	AR HF			10100040	+ 03000				A JS	
SUSAP	KCMHK5FR10LY	ALIMPS	010LIMPSK5EA0E	A IF						18000		A JS	
SUSAP	KCMHK5FR10LY	ALIMPS	020CABMIK5EA0EE	B 010TF			01390113	+ 03000				A JS	
SUSAP	KCMHK5FR10LY	APIZZA	010PIZZAK5EA0E	A IF						18000		A JS	
SUSAP	KCMHK5FR10LY	APIZZA	020CABMIK5EA0EE	B 010TF			13100087	+ 03000				A JS	
SUSAP	KCMHK5FR10LY	R	010CABMIK5EA0E	I IF				+ 03000		18000		A JS	
SUSAP	KCMHK5FR10LY	R	020ALEMEK5EA1E	F 051TF			10100064	+ 02700			RW10L K5PGA	JS	
SUSAP	KCMHK5FR10LY	R	020ALEMEK5EA2WALPV		ALNAV/VNAV	ALNAV						JS	
SUSAP	KCMHK5FR10LY	R	030RW10LK5PGOGY	M 031TF			10110058	00865		-300		A JS	
SUSAP	KCMHK5FR10LY	R	040	0 M CA			1011	+ 01400				A JS	
SUSAP	KCMHK5FR10LY	R	050APE	K5D 0VY L DF				+ 03000				A JS	
SUSAP	KCMHK5FR10LY	R	060APE	K5D 0VE R HM			23500040	+ 03000				A JS	

[illegible][illegible]

CITY AND STATE COLUMBUS, OH	ELEVATION: 815	THRE: 815	FACILITY IDENTIFIER:	PROCEDURE NO. /AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			RNAV (GPS) Y RWY 10L, AMDT 3	AMDT: 2
	PORT COLUMBUS INTL		RNAV	22 AUGUST 2013	DATED: 09/23/2010

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[illegible]

RECEIVED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	APE	APE	010		IF		FB					
	APE	CABMI	020		TF		FO	2.0	260.6 (253.6T)	028.0	AA 03000	
	APE	CABMI	030	IAF	HF	R	FO		101.0 (094.0T)	004.0	AA 03000	
	LIMPS	LIMPS	010	IAF	IF		FB					
	LIMPS	CABMI	020		TF		FB	1.0	013.9 (006.9T)	011.3	AA 03000	
	PIZZA	PIZZA	010	IAF	IF		FB					
	PIZZA	CABMI	020		TF		FB	1.0	131.0 (124.0T)	008.7	AA 03000	
		CABMI	010	FACF	IF		FB				AA 03000	
		ALEME	020	FAF	TF		FB	0.5	101.0 (094.0T)	006.4	AA 02700	
		RW10L	030	MAP	TF		FO	0.3	101.1 (094.1T)	005.8	AT 00865	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		101.1 (094.1T)		AA 01400	
	APE	050		DF	L	FO				AA 03000	
	APE	060		HM	R	FO		235.0 (228.0T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	APE	N400903.83	W0823517.88	N4009.064	W08235.298
	ALEME	N400036.63	W0830156.28	N4000.611	W08301.938
	CABMI	N400104.06	W0831016.93	N4001.068	W08310.282
	LIMPS	N394948.22	W0831203.00	N3949.804	W08312.050
	PIZZA	N400558.01	W0831942.91	N4005.967	W08319.715
	RW10L	N400011.53	W0825427.49	N4000.192	W08254.458

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW10L	00815	50

CITY AND STATE
COLUMBUS, OH

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 PORT COLUMBUS INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
 RNAV (GPS) Y RWY 10L, AMDT 3
 22 AUGUST 2013

SUP:
 AMDT: 2
 DATED: 09/23/2010