U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SPUDR (IAF)(40E)(43A)	PHILO (TF)(FB)(RNP 1.00) (40E)	184.21/3.14	6000
PHILO (40E)	CRISM (TF)(FB)(RNP 1.00) (40E)	184.21/3.14	5000
CRISM (IF)(40E)(43I)	BAIRE (TF)(FB)(RNP 0.50) (40E)(42S)	184.21/3.14	4000
BAIRE (40E)(42S)	FRAZE (TF)(FB)(RNP 0.50) (40E)(43F)	184.21/5.02	2400
FRAZE (FAF)(40E)(43F)	RW18L (TF)(FO)(40G)(41Y)(43M)	184.21/4.52	
RW18L (MAP)(40G)(41Y)(43M)	LAPER (TF)(FB)(RNP 1.00) (40E)	184.21/11.16	
LAPER (40E)	FLM VOR/DME (TF)(FO)(RNP 1.00) (40V)(41E)(43H)	133.74/20.59	3000

MISSED APPROACH

MAP: DA

CLIMB TO 3000 VIA 184.21 TRACK TO LAPER AND 133.74 TRACK TO FLM VOR/DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SE, LT, 315.00 INBOUND.
CHART FAS OBST: 1050 TOWER 390432N/0843935W
DISTANCE TO THLD FROM 383 HAT: 1.04 NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
#TCH 944.3 (DO NOT CHART)

1. PT NA SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)
2. PROFILE STARTS AT SPUDR
3. FAC: 184.21 FAF: _____ DIST FAF TO MAP: _____ THLD: _____
4. MIN. ALT: SPUDR 7000, PHILO 6000, CRISM 5000, BAIRE 4000, FRAZE 2400
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____
6. MIN GS INCPT: 2400 GS ALT AT: FRAZE 2400 OM: _____ MM: _____ IM: _____
7. GS ANGLE: 3.00 TCH: 55.1# 34:1 IS NOT CLEAR
8. MSA FROM: RW18L 3000

MAG VAR: 4W EPOCH YEAR: 95

MINIMUMS

TAKEOFF: | | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

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
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.21 DA	1272	4000	383	1272	4000	383	1272	4000	383	1272	4000	383			
RNP 0.25 DA	1283	5000	394	1283	5000	394	1283	5000	394	1283	5000	394			
RNP 0.30 DA	1472	1 1/2	583	1472	1 1/2	583	1472	1 1/2	583	1472	1 1/2	583			

NOTES: CHART NOTES: GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -16C (4F) OR ABOVE 47C (116F). FOR INOPERATIVE MALSR, INCREASE RNP 0.21 AND RNP 0.25 VISIBILITY TO RVR 6000, RNP 0.30 VISIBILITY TO 2. VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CITY AND STATE	ELEVATION: 896 TDZE: 889 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
COVINGTON, KY	CINCINNATI/NORTHERN KENTUCKY INTL	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 18L, ORIG	AMDT: NONE DATE

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	SPUDR	SPUDR	010	IAF	IF		FB				
	SPUDR	PHILO	020	SDF	TF		FB	1.0	184.2 (180T)	003.1	06000
	SPUDR	CRISM	030	IF	TF		FB	1.0	184.2 (180T)	003.1	05000
		CRISM	010	FACF	IF		FB				05000
		BAIRE	011	SDF	TF		FB	0.5	184.2 (180T)	003.1	04000
		FRAZE	020	FAF	TF		FB	0.5	184.2 (180T)	005.0	02400
		RW18L	030	MAP	TF		FO	0.3	184.2 (180T)	004.5	00941 MAN

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	LAPER	040		TF		FB	1.0	184.2 (180T)	011.2	
	FLM	050		TF		FO	1.0	133.7 (130T)	020.6	03000
	FLM	060		HM	L	FO	2.0	315.0 (311T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BAIRE	N391254.50	W0843845.30	N3912.908	W08438.755
	CRISM	N391603.09	W0843844.41	N3916.052	W08438.740
	FLM	N383858.16	W0841838.27	N 3838.969	W08418.638
	FRAZE	N390752.75	W0843846.72	N3907.879	W08438.779
	LAPER	N385210.68	W0843851.14	N3852.178	W08438.852
	PHILO	N391911.68	W0843843.51	N3919.195	W08438.725
	SPUDR	N392220.26	W0843842.62	N3922.338	W08438.710
	RW18L	N390321.08	W0843848.00	N3903.351	W08438.800

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18L	00886	55

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COVINGTON, KY	896 TDZE: 889 CINCINNATI/NORTHERN KENTUCKY INTL	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 18L, ORIG	AMDT: NONE
				DATED: