

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD TERMINAL ARRIVAL (STAR)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>Arrival Name</u>	<u>Number</u>	<u>STAR Computer Code</u>	<u>Superseded Number</u>	<u>Dated</u>	<u>Effective Date</u>
CEGRM (RNAV)	FOUR	CEGRM.CEGRM4	THREE	7/24/2014	10 NOV 2016

TRANSITION ROUTES:

Transition Name	Transition Computer Code	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitude/Fixes
DELHI	DELHI.CEGRM4	DELHI	CADIZ	162.52	49.29	FL180			
			FATOX	162.31	23.64	FL180			
			BVT VORTAC	162.49	15.79	FL180			
			TORIO	158.24	20.43	FL180			
			MACES	158.36	16.31	15000			
			VHP VORTAC	128.50	19.94	15000			
			SHB VOR/DME	117.31	27.41	6000			
			CEGRM	117.43	17.17	6000			
ELANR	ELANR.CEGRM4	ELANR	BVT VORTAC	155.23	44.09	FL180			
			TORIO	158.24	20.43	FL180			
			MACES	158.36	16.31	15000			
			VHP VORTAC	128.50	19.94	15000			
			SHB VOR/DME	117.31	27.41	6000			
			CEGRM	117.43	17.17	6000			

QUALITY
24
CHECKED

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CEGRM (RNAV)			FOUR	CEGRM.CEGRM4	THREE	7/24/2014	10 NOV 2016
JOLIET	JOT.CEGRM4	JOT VORTAC	CADIZ	122.06	47.79	FL180	
			FATOX	162.31	23.64	FL180	
			BVT VORTAC	162.49	15.79	FL180	
			TORIO	158.24	20.43	FL180	
			MACES	158.36	16.31	15000	
			VHP VORTAC	128.50	19.94	15000	
			SHB VOR/DME	117.31	27.41	6000	
			CEGRM	117.43	17.17	6000	

ARRIVAL ROUTE DESCRIPTION:

FROM CEGRM ON TRACK 129.38/5.00 TO BCATT (MEA 4000), THEN ON TRACK 129.20/35.35 TO BAMGE (MEA 4000), THEN ON TRACK 184.38/9.87 TO FIDEK (MEA 4000), THEN ON TRACK 184.22/17.23 TO ZETIP (MEA 4000), THEN ON TRACK 184.22. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING NORTH: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE PRIOR TO ZETIP.

LANDING SOUTH, EAST, WEST: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE PRIOR TO BAMGE.

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED.

NOTE: RNAV 1.

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: ELANR TRANSITION FOR USE BY CHICAGO AREA DEPARTURES ONLY OR AS ASSIGNED BY ATC.

NOTE: JOT AND DELHI TRANSITIONS: EXPECT TO CROSS CADIZ AT FL290.

NOTE: JOT, DELHI AND ELANR TRANSITIONS: EXPECT TO CROSS TORIO AT FL240.

NOTE: JOT, DELHI AND ELANR TRANSITIONS: EXPECT TO CROSS SHB AT 14000.

NOTE: JOT, DELHI AND ELANR TRANSITIONS: EXPECT TO CROSS CEGRM: TURBOJETS AT 11000, NON-TURBOJETS AT 9000.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT CEGRM: HOLD NW, LT, 230 KTS MAX, 117.43 INBOUND, 10 NM LEGS.

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CEGRM (RNAV)	FOUR	CEGRM.CEGRM4	THREE	7/24/2014	10 NOV 2016

CHART HOLDING AT CVG VORTAC: HOLD NE, RT, 239.00 INBOUND, 4 NM LEGS.

COMMUNICATIONS:

CINCINNATI APP CON
CINCINNATI ATIS AR

AIRPORTS SERVED:

AIRPORT NAME

CITY

STATE

CINCINNATI/NORTHERN KENTUCKY INTL

COVINGTON

NY

LOST COMMUNICATIONS PREFERENCES:

LANDING NORTH: AT ZETIP FLY HEADING 090, MAINTAIN 4000: INTERCEPT AND EXECUTE ILS RWY 36L APPROACH. IF UNABLE, PROCEED DIRECT TO CVG VORTAC AND HOLD NE, RT, 239.00 INBOUND, MAINTAIN 4000.

LANDING SOUTH: AT BCATT FLY HEADING 090, MAINTAIN 4000: INTERCEPT AND EXECUTE ILS RWY 18R APPROACH. IF UNABLE, PROCEED DIRECT TO CVG VORTAC AND HOLD NE, RT, 239.00 INBOUND, MAINTAIN 4000.

REMARKS:

CEGRM FOUR AMENDMENT DOES NOT SATISFY PERIODIC REVIEW REQUIREMENTS.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)
REFERENCE MAGNETIC VARIATION: KCVG 04W/1995
RECOMMENDED NAVAID: CVG VORTAC

FLIGHT INSPECTED BY:

ORGANIZATION:

DATE:

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CHANGES:

1. SHELBYVILLE (SHB) VORTAC CHANGED TO SHELBYVILLE (SHB) VOR/DME
2. ADDED REMARK, "CEGRM FOUR AMENDMENT DOES NOT SATISFY PERIODIC REVIEW REQUIREMENTS".

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REASONS:

1. TACAN ANTENNA REPLACED WITH DME.
2. MINOR AMENDMENT DOES NOT QUALIFY AS A PERIODIC REVIEW.

**FEDERAL AVIATION ADMINISTRATION
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STAR (DATA RECORD)**

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
CEGRM (RNAV)	FOUR	CEGRM.CEGRM4	THREE	7/24/2014	10 NOV 2016

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
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ENROUTE TRANSITION

DELHI	415600.00N/0874710.00W	Y		IF					DELHI.CEGRM4
CADIZ	411003.99N/0872315.77W	Y	FB	TF	158.52	49.29			
FATOX	404804.34N/0871145.47W	Y	FB	TF	158.31	23.64			
BVT VORTAC	403322.22N/0870409.75W	Y	FB	TF	158.49	15.79			
TORIO	401456.71N/0865233.73W	Y	FB	TF	154.24	20.43			
MACES	400013.25N/0864322.62W	Y	FB	TF	154.36	16.31			
VHP VORTAC	394853.02N/0862202.88W	Y	FB	TF	124.50	19.94			
SHB VOR/DME	393757.15N/0854927.54W	Y	FB	TF	113.31	27.41			
CEGRM	393105.40N/0852906.04W	Y	FB	TF	113.43	17.17			

ENROUTE TRANSITION

ELANR	411206.00N/0873200.00W	Y		IF					ELANR.CEGRM4
BVT VORTAC	403322.22N/0870409.75W	Y	FB	TF	151.23	44.09			
TORIO	401456.71N/0865233.73W	Y	FB	TF	154.24	20.43			

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
MACES	400013.25N/0864322.62W	Y	FB	TF	154.36	16.31			
VHP VORTAC	394853.02N/0862202.88W	Y	FB	TF	124.50	19.94			
SHB VOR/DME	393757.15N/0854927.54W	Y	FB	TF	113.31	27.41			
CEGRM	393105.40N/0852906.04W	Y	FB	TF	113.43	17.17			
ENROUTE TRANSITION									
JOT VORTAC	413247.10N/0881906.28W	Y		IF					JOT.CEGRM4
CADIZ	411003.99N/0872315.77W	Y	FB	TF	118.06	47.79			
FATOX	404804.34N/0871145.47W	Y	FB	TF	158.31	23.64			
BVT VORTAC	403322.22N/0870409.75W	Y	FB	TF	158.49	15.79			
TORIO	401456.71N/0865233.73W	Y	FB	TF	154.24	20.43			
MACES	400013.25N/0864322.62W	Y	FB	TF	154.36	16.31			
VHP VORTAC	394853.02N/0862202.88W	Y	FB	TF	124.50	19.94			
SHB VOR/DME	393757.15N/0854927.54W	Y	FB	TF	113.31	27.41			
CEGRM	393105.40N/0852906.04W	Y	FB	TF	113.43	17.17			

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
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ENROUTE TRANSITION

CEGRM	393105.40N/0852906.04W	Y		IF					CEGRM.CEGRM4
BCATT	392811.58N/0852350.46W	Y	FB	TF	125.38	05.00			
BAMGE	390742.00N/0844643.00W	Y	FB	TF	125.20	35.35			
FIDEK	385749.00N/0844648.00W	Y	FB	TF	180.38	09.87			
ZETIP	384034.00N/0844653.00W		FO	TF	180.22	17.23			
KCVG				FM	180.22				RECOMMENDED NAVAID: CVG VORTAC

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