

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.

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date				
CEGRM (RNAV)	SIX	CEGRM.CEGRM6	FIVE	03/29/2018					
TRANSITION ROUTES:									
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
DELHI	DELHI.CEGRM6	DELHI	DELHI						
			CADIZ	164.52	49.29	FL180	2900		AT FL290
			FATOX	164.31	23.64	FL180	2900		
			BOLRR	164.48	15.79	FL180	2900		
			TORIO	160.24	20.43	FL180	2900		
			MACES	160.36	16.31	15000	2900		AT FL230
			CRYME	130.45	20.04	14000	2900		
			ARIVR	120.03	29.50	7000	2900		
			CEGRM	117.99	15.00	7000	2300		BETWEEN 13000 AND FL190
ELANR	ELANR.CEGRM6	ELANR	ELANR						
			BOLRR	157.23	44.09	FL180	2900		
			TORIO	160.24	20.43	FL180	2900		
			MACES	160.36	16.31	15000	2900		AT FL230
			CRYME	130.45	20.04	14000	2900		
			ARIVR	120.03	29.50	7000	2900		
			CEGRM	117.99	15.00	7000	2300		BETWEEN 13000 AND FL190
ZABNU	ZABNU.CEGRM6	ZABNU	ZABNU						
			CADIZ	124.07	47.79	FL180	2900		AT FL290
			FATOX	164.31	23.64	FL180	2900		
			BOLRR	164.48	15.79	FL180	2900		
			TORIO	160.24	20.43	FL180	2900		
			MACES	160.36	16.31	15000	2900		AT FL230
			CRYME	130.45	20.04	14000	2900		
			ARIVR	120.03	29.50	7000	2900		
			CEGRM	117.99	15.00	7000	2300		BETWEEN 13000 AND FL190

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.

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
CEGRM (RNAV)	SIX	CEGRM.CEGRM6	FIVE	03/29/2018	

ARRIVAL ROUTE DESCRIPTION:

FROM CEGRM ON TRACK 131.38/5.00 TO BCATT, THEN ON TRACK 131.44/7.00 TO EGONE.

LANDING RWY 9: FROM EGONE ON TRACK 149.52/15.89 TO CROSS ACHOO AT 8000, THEN ON TRACK 149.52. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 27: FROM EGONE ON TRACK 131.26/24.65 TO CROSS FRING BETWEEN 8000 AND 10000 AND AT 210 KIAS, THEN ON TRACK 131.13/3.00 TO BAMGE, THEN ON TRACK 097.55/4.81 TO COGDU, THEN ON TRACK 096.15/3.00 TO CROSS ZALD AT 6000 AND AT 210 KIAS, THEN ON TRACK 096.15. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 36L/C/R: FROM EGONE ON TRACK 131.26/24.65 TO CROSS FRING BETWEEN 8000 AND 10000 AND AT 210 KIAS, THEN ON TRACK 131.13/3.00 TO BAMGE, THEN ON TRACK 187.77/3.61 TO BBURG, THEN ON TRACK 187.68/2.64 TO CROSS BRCAT AT 6000 AND AT 210 KIAS, THEN ON TRACK 187.68. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 18L/C/R: FROM EGONE ON TRACK 112.02/17.21 TO CROSS BYRAN AT 8000, THEN ON TRACK 112.02. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED

PROCEDURAL DATA NOTES:

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

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT ARIVR: HOLD NW, RT, 117.99 INBOUND, 10 NM LEGS.

COMMUNICATIONS:

CHART: CINCINNATI APP CON

AIRPORTS SERVED:

AIRPORT ID	CITY	STATE
KCVG	COVINGTON	KY

LOST COMMUNICATIONS PREFERENCES:

REMARKS:
ATC SPECIFICALLY REQUESTS FM LEGS (REQUIRES FO AT TERMINUS); MIGHT CAUSE IAP CONNECTIVITY ISSUES FOR SOME AIRCRAFT (AIRBUS/737).

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)

MAG VAR: KCVG 06W/2025

CHART AT ZALD TERMINUS: KCVG LDG RWY 27

CHART AT BYRAN TERMINUS: KCVG LDG RWY 18L/C/R

CHART AT ACHOO TERMINUS: KCVG LDG RWY 9

CHART AT BRCAT TERMINUS: KCVG LDG RWY 36L/C/R

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.

Arrival Name CEGRM (RNAV)	Number SIX	STAR Computer Code CEGRM.CEGRM6	Superseded Number FIVE	Dated 03/29/2018	Effective Date
					<i>Digitally signed by</i>
					ALLAN WILL
					<i>Feb 02, 2024</i>
					<i>Digitally signed by</i>
					ALLAN WILL
					<i>Feb 02, 2024</i>
					<i>Digitally signed by</i>
					ALLAN WILL
					<i>Feb 02, 2024</i>

FLIGHT INSPECTED BY:

JEFFREY A FINDLEY

ORGANIZATION:

FPO

DATE:

02/01/2024

Flight Inspected Signature: _____

DEVELOPED BY:

JEFFREY CHESTER, AIRSPACE/PROCEDURES:
MANAGER

INDIANAPOLIS
ARTCC

10/13/2023

Developed By Signature: _____

APPROVED BY:

MICHAEL GARRITY/MANAGER

AJV-A423

Approved By Signature: _____

CHANGES:

1. COMMON ROUTE SHORTENED TO PROCEED CEGRM TO BCATT TO EGONE.
2. FIDEK REMOVED FROM PROCEDURE
3. ZETIP REMOVED FROM PROCEDURE.
4. RUNWAY TRANSITIONS WITH CODED ALTITUDE AND SPEED RESTRICTIONS CREATED FOR ALL RUNWAYS.
5. BAMGE MOVED 0.70 NM NW.
6. JOT VORTAC REPLACED BY ZABNU WP; ENROUTE TRANSITION RENAMED ZABNU.
7. BVT VORTAC REPLACED BY BOLLR WP ON ALL ENROUTE TRANSITIONS.
8. VHP VORTAC REPLACED BY CRYME WP ON ALL ENROUTE TRANSITIONS.
9. SHB VOR/DME REPLACED BY ARIVR WP ON ALL ENROUTE TRANSITIONS.
10. ALL "EXPECT" PILOT PLANNING GRAPHIC NOTES DELETED.
11. "AT FL230" RESTRICTION ADDED AT MACES.
12. "BLOCK 13000 ft MSL TO FL 190" RESTRICTION ADDED AT CEGRM.
13. REMOVED ALL LOST COMM.
14. REMOVED CVG VORTAC AS RECOMMENDED NAVAID.
15. REMOVED AIRPORT NAME FROM AIRPORTS SERVED.
16. REMOVED HOLDING AT CEGRM AND CVG VORTAC, ADDED HOLDING AT ARIVR.
17. UPDATED REF MAG VAR FROM 4W TO 6W.
18. CHANGED MEA AT CEGRM FROM 6000 TO 7000.
19. ADDED MOCA VALUES.
20. ADDED REMARK: ATC SPECIFICALLY REQUESTS FM LEGS (REQUIRES FO AT TERMINUS); MIGHT CAUSE IAP CONNECTIVITY ISSUES FOR SOME AIRCRAFT (AIRBUS/737).
21. ADDED FL290 RESTRICTION AT CADIZ.

REASONS:

- 1-4. INCREASE PROCEDURE UTILITY.
5. FACILITATE RNP-AR APPROACHES.
- 6-9. REMOVAL OF GROUND-BASED NAVAIDS FROM PROCEDURE.
10. IAW 8260.19I.
- 11-12. SEPARATION FROM AIRCRAFT IN LOWER AIRSPACE STRUCTURE.



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.

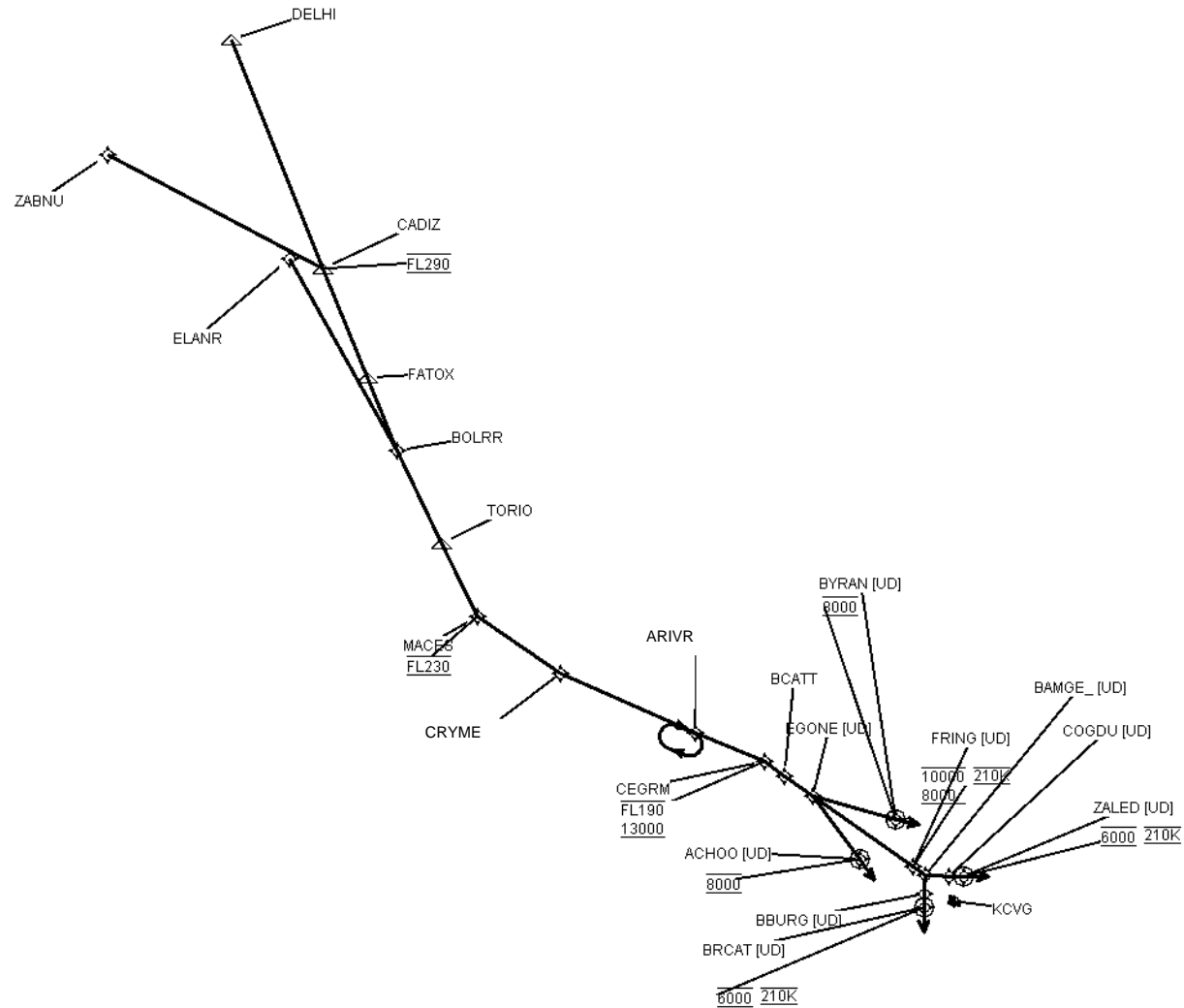
Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
CEGRM (RNAV)	SIX	CEGRM.CEGRM6	FIVE	03/29/2018	
13-15. NO LONGER REQUIRED.					
16. ATC REQUEST - PROVIDE ADDITIONAL SEPARATION					
17. UPDATED MAG VAR ASSESSMENT.					
18, 21. ATC REQUEST.					
19. IAW 8260.19I, PARA 4-5-12, B (2).					
20. ADDED REASON FOR FM LEGS IN REMARKS.					



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.

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
CEGRM (RNAV)	SIX	CEGRM.CEGRM6	FIVE	03/29/2018	
Graphic Depiction 1					



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)**

Arrival Name CEGRM (RNAV)	Number SIX	STAR Computer Code CEGRM.CEGRM6		Superseded Number FIVE		Dated 03/29/2018		Effective Date	
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
En Route Transition									
DELHI	415600.00N / 0874710.00W	Y		IF					DELHI.CEGRM6
CADIZ	411003.99N / 0872315.77W	Y	FB	TF	158.52	49.29	AT FL290		
FATOX	404804.34N / 0871145.47W	Y	FB	TF	158.31	23.64			
BOLRR	403322.03N / 0870409.55W	Y	FB	TF	158.48	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	AT FL230		
CRYME	394850.61N / 0862155.98W	Y	FB	TF	124.45	20.04			
ARIVR	393644.13N / 0854704.41W	Y	FB	TF	114.03	29.50			
CEGRM	393105.40N / 0852906.04W	Y	FB	TF	111.99	15.00	13000BFL190		
En Route Transition									
ELANR	411206.00N / 0873200.00W	Y		IF					ELANR.CEGRM6
BOLRR	403322.03N / 0870409.55W	Y	FB	TF	151.23	44.09			
TORIO	401456.71N / 0865233.73W	Y	FB	TF	154.24	20.43			
MACES	400013.25N / 0864322.62W	Y	FB	TF	154.36	16.31	AT FL230		
CRYME	394850.61N / 0862155.98W	Y	FB	TF	124.45	20.04			
ARIVR	393644.13N / 0854704.41W	Y	FB	TF	114.03	29.50			
CEGRM	393105.40N / 0852906.04W	Y	FB	TF	111.99	15.00	13000BFL190		
En Route Transition									
ZABNU	413247.40N / 0881905.83W	Y		IF					ZABNU.CEGRM6
CADIZ	411003.99N / 0872315.77W	Y	FB	TF	118.07	47.79	AT FL290		
FATOX	404804.34N / 0871145.47W	Y	FB	TF	158.31	23.64			
BOLRR	403322.03N / 0870409.55W	Y	FB	TF	158.48	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	AT FL230		
CRYME	394850.61N / 0862155.98W	Y	FB	TF	124.45	20.04			



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)**

Arrival Name CEGRM (RNAV)		Number SIX		STAR Computer Code CEGRM.CEGRM6		Superseded Number FIVE		Dated 03/29/2018	Effective Date
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
ARIVR	393644.13N / 0854704.41W	Y	FB	TF	114.03	29.50			
CEGRM	393105.40N / 0852906.04W	Y	FB	TF	111.99	15.00	13000BFL190		
Common Route									
CEGRM	393105.40N / 0852906.04W	Y		IF			13000BFL190		CEGRM.CEGRM6
BCATT	392811.58N / 0852350.46W	Y	FB	TF	125.38	05.00			
EGONE	392407.47N / 0851628.72W	Y	FB	TF	125.44	07.00			
Runway Transition									
EGONE	392407.47N / 0851628.72W	Y		IF					
ACHOO	391119.72N / 0850419.79W	Y	FO	TF	143.52	15.89	AT 8000		
KCVG:RWY 9				FM	143.52				
Runway Transition									
EGONE	392407.47N / 0851628.72W	Y		IF					
BYRAN	391920.24N / 0845509.56W	Y	FO	TF	106.02	17.21	AT 8000		
KCVG:RWY 18C,RWY 18L,RWY 18R				FM	106.02				
Runway Transition									
EGONE	392407.47N / 0851628.72W	Y		IF					
FRING	390950.19N / 0845036.09W	Y	FB	TF	125.26	24.65	8000B10000	AT 210K	
BAMGE	390806.46N / 0844726.90W	Y	FB	TF	125.13	03.00			
COGDU	390758.47N / 0844116.22W	Y	FB	TF	091.55	04.81			
ZALED	390757.94N / 0843724.89W	Y	FO	TF	090.15	03.00	AT 6000	AT 210K	
KCVG:RWY 27				FM	090.15				
Runway Transition									
EGONE	392407.47N / 0851628.72W	Y		IF					
FRING	390950.19N / 0845036.09W	Y	FB	TF	125.26	24.65	8000B10000	AT 210K	

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name CEGRM (RNAV)	Number SIX	STAR Computer Code CEGRM.CEGRM6		Superseded Number FIVE		Dated 03/29/2018	Effective Date		
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
BAMGE	390806.46N / 0844726.90W	Y	FB	TF	125.13	03.00			
BBURG	390429.64N / 0844735.49W	Y	FB	TF	181.77	03.61			
BRCAT	390151.29N / 0844741.46W	Y	FO	TF	181.68	02.64	AT 6000	AT 210K	
KCVG:RWY 36C,RWY 36L,RWY 36R				FM	181.68				