

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.
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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
GAVNN (RNAV)	SEVEN	GAVNN.GAVNN7	SIX	06/17/2021	21 MAR 2024

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
COLNS	COLNS.GAVNN7	COLNS	COLNS						
			STEVY	274.66	43.27	FL180	6900		
			FAIR	274.08	41.90	FL180	5600		
			JBIZZ	263.82	56.00	15000	3700		AT/ABOVE FL240
			BRROW	263.09	35.47	8000	2700		
			ICKEY	287.51	26.48	8000	2700		
			GAVNN	287.35	22.30	7000	2700		AT/BELOW 17000
FAIR	FAIR.GAVNN7	FAIR	FAIR						
			JBIZZ	263.82	56.00	15000	3700		AT/ABOVE FL240
			BRROW	263.09	35.47	8000	2700		
			ICKEY	287.51	26.48	8000	2700		
			GAVNN	287.35	22.30	7000	2700		AT/BELOW 17000

ARRIVAL ROUTE DESCRIPTION:

FROM GAVNN ON TRACK 309.79/4.99 TO KNEDY, THEN ON TRACK 309.61/6.69 TO CROSS UDEYS AT OR ABOVE 9000.

LANDING RWY 9: FROM UDEYS ON TRACK 309.43/6.99 TO CROSS JOTAR BETWEEN 9000 AND 12000 AND AT 250 KIAS, THEN ON TRACK 309.39/12.91 TO CROSS KEYTO AT OR ABOVE 8000 AND AT 210 KIAS, THEN ON TRACK 309.25/3.00 TO AAJAY, THEN ON TRACK 293.75/5.28 TO MAPUC, THEN ON TRACK 276.21/4.00 TO CROSS FLOTT AT 6000 AND AT 210 KIAS, THEN ON TRACK 276.21. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 18L/C/R: FROM UDEYS ON TRACK 309.43/6.99 TO CROSS JOTAR BETWEEN 9000 AND 12000 AND AT 250 KIAS, THEN ON TRACK 309.39/12.91 TO CROSS KEYTO AT OR ABOVE 8000 AND AT 210 KIAS, THEN ON TRACK 309.25/3.00 TO AAJAY, THEN ON TRACK 009.98/3.81 TO IGOCO, THEN ON TRACK 006.21/3.00 TO CROSS NXHAL AT 6000 AND AT 210 KIAS, THEN ON TRACK 006.21. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 27: FROM UDEYS ON TRACK 326.02/11.64 TO CROSS BREWZ AT 8000, THEN ON TRACK 326.02. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 36L/C/R: FROM UDEYS ON TRACK 276.17/12.90 TO CROSS DAWGY AT 8000, THEN ON TRACK 276.17. 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:

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT GAVNN: HOLD E, LT, 287.35 INBOUND, 10 NM LEGS.

CHART HOLDING AT ICKEY: HOLD E, LT, 287.35 INBOUND, 10 NM LEGS.



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GAVNN (RNAV)	SEVEN	GAVNN.GAVNN7	SIX	06/17/2021	21 MAR 2024

COMMUNICATIONS:

CHART: CINCINNATI APP CON

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
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 FLOTT TERMINUS: KCVG LDG RWY 9
CHART AT NXHAL TERMINUS: KCVG LDG RWY 18L/C/R
CHART AT BREWZ TERMINUS: KCVG LDG RWY 27
CHART AT DAWGY TERMINUS: KCVG LDG RWY 36L/C/R

FLIGHT INSPECTED BY:

JEFFREY A FINDLEY

ORGANIZATION:

FPO

DATE:

01/31/2024

Flight Inspected Signature:

Digitally signed by

ALLAN WILL

Feb 02, 2024

DEVELOPED BY:JEFFREY CHESTER, AIRSPACE/PROCEDURES;
MANAGERINDIANAPOLIS
ARTCC

10/13/2023

Developed By Signature:

Digitally signed by

ALLAN WILL

Feb 02, 2024

APPROVED BY:

MICHAEL GARRITY/MANAGER

AJV-A423

Approved By Signature:

Digitally signed by

ALLAN WILL

Feb 02, 2024

CHANGES:

1. ADDED HOLDING AT ICKEY.
2. REMOVED OGIRE.
3. REMOVED BACAS.
4. REMOVED BRUSH.
5. REMOVED JAYKB.
6. REMOVED HNN DME AND CVG VORTAC.
7. ADDED MAPUC WP.

QUALITY
14
CHECKED

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8. ADDED IGOCO WP.					
9. ADDED KEYTO WP.					
10. REMOVED ALL VERTICAL NAVIGATION PLANNING INFORMATION.					
11. ADDED FLOTT WP WITH AT 6000 ALTITUDE RESTRICTION.					
12. ADDED NXHAL WP WITH AT 6000 ALTITUDE RESTRICTION.					
13. ADDED BREWZ WP WITH AT 6000 RESTRICTION.					
14. ADDED DAWGY WP WITH AT 8000 ALTITUDE RESTRICTION.					
15. ADDED KEYTO WP WITH AT OR ABOVE 8000 RESTRICTION.					
16. ADDED AT OR BELOW 17000 RESTRICTION AT GAVNN.					
17. ADDED UDEYS WP WITH AT OR ABOVE 9000 RESTRICTION.					
18. ADDED JOTAR WP WITH 9000-12000 BLOCK ALTITUDE RESTRICTION.					
19. ADDED JBIZZ WP WITH AT OR ABOVE FL240 RESTRICTION.					
20. REMOVED LOST COMMUNICATIONS INSTRUCTIONS					
21. ADDED RUNWAY TRANSITIONS WITH CODED ALITUDES AND SPEEDS					
22. REMOVED AIRPORT NAME FROM AIRPORTS SERVED					
23. UPDATED REF MAG VAR FROM 4W TO 6W.					
24. MODIFIED HOLDING AT GAVNN WP FROM 309.93 INBOUND, 7 NM LEGS TO 287.35 INBOUND, 10 NM LEGS.					
25. ADDED MOCA VALUES.					
26. CHANGED MEA AT GAVNN FROM 8000 TO 7000.					
27. ADDED REMARKS: ATC SPECIFICALLY REQUESTS FM LEGS (REQUIRES FO AT TERMINUS); MIGHT CAUSE IAP CONNECTIVITY ISSUES FOR SOME AIRCRAFT (AIRBUS/737).					
28. FIX AAJAY MOVED 0.4 NM EAST.					

REASONS:

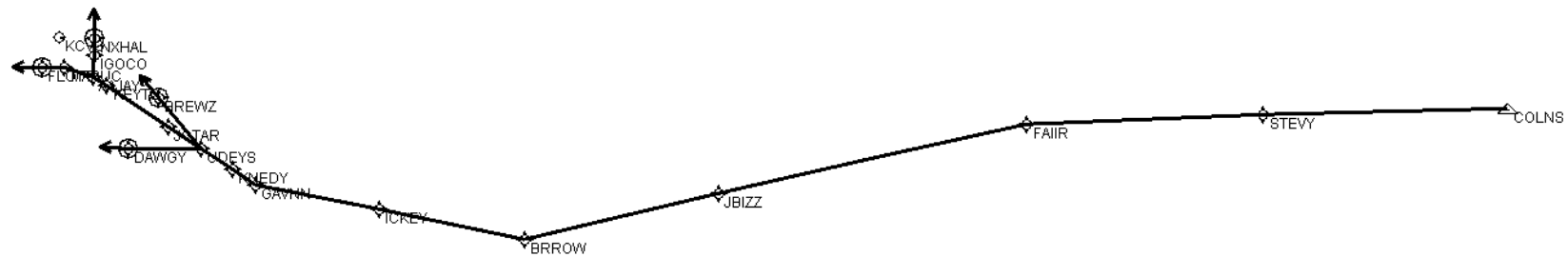
1. ATC REQUEST.
- 2-5, 7-9, 11-19. ROUTE MODIFICATIONS FOR IMPORVED EFFICIENCY.
6. REMOVING LAND BASED NAVIGATION AIDS.
10. NO LONGER PERMITTED PER FAAO 8260.19I PARA 4-5-2E NOTE.
- 8-11. REQUIRED PER FAAO 8260.3E PARA 2-2-7f(1)
- 12-19, 21. SEPERATION FROM ADJACENT TRAFFIC.
- 20, 22. NO LONGER NEEDED
23. UPDATED AIRPORT MAG VAR ASSESSMENT.
- 24, 26, 28. ATC REQUEST.
25. FAAO 8260.19I PARA 4-5-12, B (8).
27. ADDED REASON FOR FM LEGS IN REMARKS.

QUALITY
14
CHECKED

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Graphic Depiction 1					



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name GAVNN (RNAV)	Number SEVEN	STAR Computer Code GAVNN.GAVNN7		Superseded Number SIX		Dated 06/17/2021	Effective Date 21 MAR 2024		
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
COLNS	385025.48N / 0791148.61W	Y		IF					COLNS.GAVNN7
STEVY	384911.38N / 0800709.42W	Y	FB	TF	268.66	43.27			
FAIIR	384734.60N / 0810042.90W	Y	FB	TF	268.08	41.90			
JBIZZ	383524.09N / 0821031.95W	Y	FB	TF	257.82	56.00	AT/ABOVE FL240		
BRROW	382719.97N / 0825432.56W	Y	FB	TF	257.09	35.47			
ICKEY	383232.71N / 0832737.13W	Y	FB	TF	281.51	26.48			
GAVNN	383652.97N / 0835531.21W	Y	FB	TF	281.35	22.30	AT/BELOW 17000		
En Route Transition									
FAIIR	384734.60N / 0810042.90W	Y		IF					FAIIR.GAVNN7
JBIZZ	383524.09N / 0821031.95W	Y	FB	TF	257.82	56.00	AT/ABOVE FL240		
BRROW	382719.97N / 0825432.56W	Y	FB	TF	257.09	35.47			
ICKEY	383232.71N / 0832737.13W	Y	FB	TF	281.51	26.48			
GAVNN	383652.97N / 0835531.21W	Y	FB	TF	281.35	22.30	AT/BELOW 17000		
Common Route									
GAVNN	383652.97N / 0835531.21W	Y		IF			AT/BELOW 17000		GAVNN.GAVNN7
KNEDY	383939.38N / 0840048.59W	Y	FB	TF	303.79	04.99			
UDEYS	384321.63N / 0840755.87W	Y	FB	TF	303.61	06.69	AT/ABOVE 9000		
Runway Transition									
UDEYS	384321.63N / 0840755.87W	Y		IF			AT/ABOVE 9000		
JOTAR	384712.82N / 0841523.79W	Y	FB	TF	303.43	06.99	9000B12000	AT 250K	
KEYTO	385418.81N / 0842912.55W	Y	FB	TF	303.39	12.91	AT/ABOVE 8000	AT 210K	
AAJAY	385557.56N / 0843225.46W	Y	FB	TF	303.25	03.00			
MAPUC	385734.08N / 0843852.31W	Y	FB	TF	287.75	05.28			
FLOTT	385734.86N / 0844359.99W	Y	FO	TF	270.21	04.00	AT 6000	AT 210K	
KCVG:RWY 9				FM	270.21				

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Arrival Name GAVNN (RNAV)		Number SEVEN		STAR Computer Code GAVNN.GAVNN7			Superseded Number SIX			Dated 06/17/2021	Effective Date 21 MAR 2024
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS		
Runway Transition											
UDEYS	384321.63N / 0840755.87W	Y		IF			AT/ABOVE 9000				
JOTAR	384712.82N / 0841523.79W	Y	FB	TF	303.43	06.99	9000B12000	AT 250K			
KEYTO	385418.81N / 0842912.55W	Y	FB	TF	303.39	12.91	AT/ABOVE 8000	AT 210K			
AAJAY	385557.56N / 0843225.46W	Y	FB	TF	303.25	03.00					
IGOCO	385945.74N / 0843205.09W	Y	FB	TF	003.98	03.81					
NXHAL	390245.91N / 0843204.24W	Y	FO	TF	000.21	03.00	AT 6000	AT 210K			
KCVG:RWY 18C,RWY 18L,RWY 18R				FM	000.21						
Runway Transition											
UDEYS	384321.63N / 0840755.87W	Y		IF			AT/ABOVE 9000				
BREWZ	385216.84N / 0841730.28W	Y	FO	TF	320.02	11.64	AT 8000				
KCVG:RWY 27				FM	320.02						
Runway Transition											
UDEYS	384321.63N / 0840755.87W	Y		IF			AT/ABOVE 9000				
DAWGY	384322.79N / 0842424.49W	Y	FO	TF	270.17	12.90	AT 8000				
KCVG:RWY 36C,RWY 36L,RWY 36R				FM	270.17						