

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Arrival Name BLUZZ (RNAV)	Number FOUR	STAR Computer Code BLUZZ.BLUZZ4	Superseded Number THREE	Dated 9/10/2020	Effective Date
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TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
NASHVILLE	BNA.BLUZZ4	BNA VORTAC	BNA VORTAC						
			CITAN	260.00	50.00	FL180	3100		
			KELNE	259.07	31.00	FL180	2500	AT/ABOVE FL240	
			SPKER	258.92	37.75	14000	2500	BETWEEN 14000 AND FL230	
			BLUZZ	227.58	11.19	14000	2500	AT 14000	
KELNE	KELNE.BLUZZ4	KELNE	KELNE						AT/ABOVE FL240
			SPKER	258.92	37.75	14000	2500	BETWEEN 14000 AND FL230	
			BLUZZ	227.58	11.19	14000	2500	AT 14000	
POCKET CITY	PXV.BLUZZ4	PXV VORTAC	PXV VORTAC						
			WISNA	206.96	21.35	FL180	2500		
			SUDOE	206.84	34.65	FL180	2500		
			CASOT	206.65	54.00	FL180	2500	AT/ABOVE FL240	
			SPKER	206.36	35.98	14000	2500	BETWEEN 14000 AND FL230	
RAMRD	RAMRD.BLUZZ4	RAMRD	RAMRD						
			HARET	242.37	75.00	FL180	2500		
			AXXEL	241.56	30.00	FL180	2500	AT/ABOVE FL240	
			SPKER	241.25	41.18	14000	2500	BETWEEN 14000 AND FL230	
			BLUZZ	227.58	11.19	14000	2500	AT 14000	
SPKER	SPKER.BLUZZ4	SPKER	SPKER						BETWEEN 14000 AND FL230
			BLUZZ	227.58	11.19	14000	2500	AT 14000	

ARRIVAL ROUTE DESCRIPTION:

LANDING RWY 9: FROM BLUZZ ON TRACK 231.71/9.70 TO CROSS COPEN AT 10000 AND AT 230 KIAS, THEN ON TRACK 231.71. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.
 LANDING RWY 18L/C/R: FROM BLUZZ ON TRACK 231.71/9.70 TO CROSS COPEN AT 10000 AND AT 230 KIAS, THEN ON TRACK 231.71. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.
 LANDING RWY 27: FROM BLUZZ ON TRACK 231.71/9.70 TO CROSS COPEN AT 10000 AND AT 230 KIAS, THEN ON TRACK 231.71. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.
 LANDING RWY 36L/C/R: FROM BLUZZ ON TRACK 227.36/7.81 TO CROSS LTOWN BETWEEN 14000 AND 16000 AT 280 KIAS, THEN ON TRACK 227.36/16.07 TO DAPLE, THEN ON TRACK 227.23/4.93 TO CROSS MRCEL BETWEEN 10000 AND 12000 AND AT 250 KIAS, THEN ON TRACK 227.19/8.83 TO CROSS DASAC BETWEEN 9000 AND 11000, THEN ON TRACK 227.11/5.17 TO CROSS CLARK BETWEEN 8000 AND 10000 AND AT 210 KIAS, THEN ON TRACK 180.41/5.00 TO CROSS DIGLE BETWEEN 6000 AND 8000, THEN ON TRACK 180.41/15.00 TO CROSS DINKE AT 3000, THEN ON TRACK 180.41. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.



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BLUZZ (RNAV)	FOUR	BLUZZ.BLUZZ4	THREE	9/10/2020	

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED

PROCEDURAL DATA NOTES:

NOTE: JET AIRCRAFT ONLY

NOTE: ARTCC will issue landing direction assignment (North or South) and MEM APP CON will issue runway assignments.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT BNA VORTAC: HOLD E, LT, 260.00 INBOUND, 15 NM LEGS.

CHART HOLDING AT CASOT: HOLD NE, LT, 206.36 INBOUND, 15 NM LEGS.

CHART HOLDING AT MRCEL: HOLD NE, RT, 227.19 INBOUND, 6 NM LEGS.

CHART HOLDING AT RAMRD: HOLD NE, LT, 242.37 INBOUND, 15 NM LEGS.

CHART HOLDING AT SPKER: HOLD NE, LT, 227.58 INBOUND, 15 NM LEGS.

COMMUNICATIONS:

CHART: MEM APP CON

AIRPORTS SERVED:

AIRPORT ID
KMEM

CITY
MEMPHIS

STATE
TN

LOST COMMUNICATIONS PREFERENCES:

REMARKS:

ABBREV AMDT TO SUPPORT VOR MON BWG DMER RELOCATION; NO CHANGES TO FLIGHT TRACK/DIST; FC TO VALIDATE MOCA DATA.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)

MAG VAR: KMEM 01W/2020

CHART: AT COPEN TERMINUS: KMEM LANDING RWY 18L/18C/18R/9/27

CHART: AT DINKE TERMINUS: KMEM LANDING RWY 36L/36C/36R



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BLUZZ (RNAV)	FOUR	BLUZZ.BLUZZ4	THREE	9/10/2020	

FLIGHT INSPECTED BY:

ORGANIZATION: **DATE:**

Flight Inspected Signature: _____

DEVELOPED BY:

David Johnson

ESA PBN TEAM 6/15/2022
 ONE LEAD

Developed By Signature:

Digitally signed by
DAVID TEFFETELLER

Nov 29, 2023

APPROVED BY:

PAT MULQUEEN

AJV-A440

Approved By Signature:

Digitally signed by
DAVID TEFFETELLER

Nov 29, 2023

CHANGES:

1. VOR MON; REPLACED BWG WITH RAMRD (TO INCLUDE TRANSFER OF HOLD DATA).
2. SPKER/BLUZZ MEAS INCREASED FROM 10000 TO 14000.
3. CROSSING ALTITUDE AT BLUZZ CHANGED FROM AT/BELOW FL230 TO AT 14000.
4. ADDED MOCA VALUES TO ENROUTE TRANSITIONS.
5. REMOVED MEAS FROM COMMON ROUTE.
6. ARRIVAL DESCRIPTION EDITORIAL CHANGE: REMOVED LANDING DIRECTION AND SEPERATED OUT RWY 9/27 TRANSITIONS; RE-PHRASED AT/BELOW ALTITTUDES TO READ "BETWEEN."
7. REMOVED NOTE: DESCEND VIA MACH NUMBER UNTIL TRANSITION TO 290 KIAS.
8. CHANGED WORD TURBOJET TO JET.
9. REMOVED NOTES: CROSS CASOT, AXCEL, KELNE, AND SPKER AT 290 KIAS; CROSS BLUZZ AT 280 KIAS.
10. REMOVED FROM NOTES SECTION: NOTE: LANDING NORTH INDICATES RWY 36L/36C/36R.
 CHART AT DINKE: "LANDING NORTH: RWY 36L/36C/36R: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE AFTER DINKE."
- CHART AT COPEN: "LANDING SOUTH: RWY 18L/18C/18R/9/27: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE AFTER COPEN."
11. ADDED TERMINUS DATA.

REASONS:

1. VOR MON.
- 2, 3. ATC REQUEST FOR FLOW CONTROL.
4. IAW AFS MEMO DATED 07/01/2021.
- 5, 7. NO LONGER REQUIRED.
- 6, 8, 10. CURRENT DOCUMENTATION STANDARDS.
9. PUBLISHED FROM 17.2.
11. IAW 8260.19I, 4-5-2H(2).

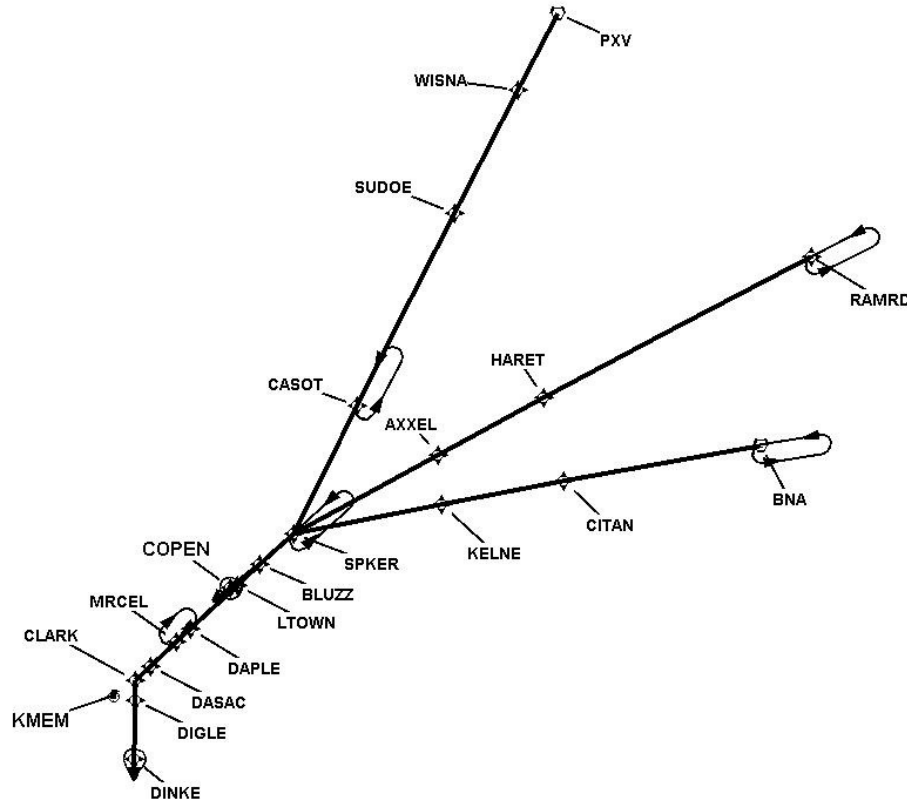


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Graphic Depiction 1



FEDERAL AVIATION ADMINISTRATION
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 STAR (DATA RECORD)

Arrival Name BLUZZ (RNAV)	Number FOUR	STAR Computer Code BLUZZ.BLUZZ4		Superseded Number THREE		Dated 9/10/2020	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									
BNA VORTAC	360813.06N / 0864105.18W	Y		IF					BNA.BLUZZ4
CITAN	355824.53N / 0874133.37W	Y	FB	TF	259.00	50.00			
KELNE	355153.58N / 0881852.37W	Y	FB	TF	258.07	31.00	AT/ABOVE FL240	AT 290K	
SPKER	354350.25N / 0890412.82W	Y	FB	TF	257.92	37.75	14000BFL230	AT 290K	
BLUZZ	353607.63N / 0891410.81W	Y	FB	TF	226.58	11.19	AT 14000	AT 280K	
En Route Transition									
KELNE	355153.58N / 0881852.37W	Y		IF			AT/ABOVE FL240	AT 290K	KELNE.BLUZZ4
SPKER	354350.25N / 0890412.82W	Y	FB	TF	257.92	37.75	14000BFL230	AT 290K	
BLUZZ	353607.63N / 0891410.81W	Y	FB	TF	226.58	11.19	AT 14000	AT 280K	
En Route Transition									
PXV VORTAC	375541.95N / 0874544.57W	Y		IF					PXV.BLUZZ4
WISNA	373628.29N / 0875730.25W	Y	FB	TF	205.96	21.35			
SUDOE	370513.36N / 0881622.76W	Y	FB	TF	205.84	34.65			
CASOT	361625.19N / 0884517.17W	Y	FB	TF	205.65	54.00	AT/ABOVE FL240	AT 290K	
SPKER	354350.25N / 0890412.82W	Y	FB	TF	205.36	35.98	14000BFL230	AT 290K	
BLUZZ	353607.63N / 0891410.81W	Y	FB	TF	226.58	11.19	AT 14000	AT 280K	
En Route Transition									
RAMRD	365544.04N / 0862636.58W	Y		IF					RAMRD.BLUZZ4
HARET	361916.57N / 0874804.31W	Y	FB	TF	241.37	75.00			
AXXEL	360426.33N / 0882018.08W	Y	FB	TF	240.56	30.00	AT/ABOVE FL240	AT 290K	
SPKER	354350.25N / 0890412.82W	Y	FB	TF	240.25	41.18	14000BFL230	AT 290K	
BLUZZ	353607.63N / 0891410.81W	Y	FB	TF	226.58	11.19	AT 14000	AT 280K	



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<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									
SPKER	354350.25N / 0890412.82W	Y		IF			14000BFL230	AT 290K	SPKER.BLUZZ4
BLUZZ	353607.63N / 0891410.81W	Y	FB	TF	226.58	11.19	AT 14000	AT 280K	
Runway Transition									
BLUZZ	353607.63N / 0891410.81W	Y		IF			AT 14000	AT 280K	
COPEN	352958.24N / 0892322.34W	Y	FO	TF	230.71	09.70	AT 10000	AT 230K	
KMEM:RWY 9				FM	230.71				
Runway Transition									
BLUZZ	353607.63N / 0891410.81W	Y		IF			AT 14000	AT 280K	
COPEN	352958.24N / 0892322.34W	Y	FO	TF	230.71	09.70	AT 10000	AT 230K	
KMEM:RWY 18C,RWY 18L,RWY 18R				FM	230.71				
Runway Transition									
BLUZZ	353607.63N / 0891410.81W	Y		IF			AT 14000	AT 280K	
COPEN	352958.24N / 0892322.34W	Y	FO	TF	230.71	09.70	AT 10000	AT 230K	
KMEM:RWY 27				FM	230.71				
Runway Transition									
BLUZZ	353607.63N / 0891410.81W	Y		IF			AT 14000	AT 280K	
LROWN	353043.57N / 0892106.22W	Y	FB	TF	226.36	07.81	14000B16000		
DAPLE	351936.17N / 0893519.27W	Y	FB	TF	226.36	16.07			
MRCEL	351611.30N / 0893939.91W	Y	FB	TF	226.23	04.93	10000B12000	AT 250K	
DASAC	351003.82N / 0894726.04W	Y	FB	TF	226.19	08.83	9000B11000		
CLARK	350628.20N / 0895158.69W	Y	FB	TF	226.11	05.17	8000B10000	AT 210K	
DIGLE	350127.73N / 0895154.90W	Y	FB	TF	179.41	05.00	6000B8000		
DINKE	344626.31N / 0895143.57W	Y	FO	TF	179.41	15.00	AT 3000		
KMEM:RWY 36C,RWY 36L,RWY 36R				FM	179.41				

