

**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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<u>Arrival Name</u>	<u>Number</u>	<u>STAR Computer Code</u>	<u>Superseded Number</u>	<u>Dated</u>	<u>Effective Date</u>
<b>BREMN</b>	<b>SIX</b>	<b>BREMN.BREMN6</b>	<b>FIVE</b>	<b>06/22/2017</b>	<b>17 JUN 2021</b>

**TRANSITION ROUTES:**

Transition Name	Transition Computer Code	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitude/Fixes
BELLAIRE	AIR.BREMN6	AIR VOR/DME	AIR VOR/DME						
			HISOM	263.00 (AIR R-263)	34.26	10000	3100		
			FRICC	263.00 (AIR R-263)	28.92	10000	2600		
			BREMN	263.00 (AIR R-263)	12.56	10000	2600		AT/ABOVE 10000
MORGANTOWN	MGW.BREMN6	MGW VORTAC	MGW VORTAC						
			HISOM	289.41 & 289.11 (MGW R-289 & ZZV R-109)	79.96	10000	4500		
			FRICC	263.00 (AIR R-263)	28.92	10000	2600		
			BREMN	263.00 (AIR R-263)	12.56	10000	2600		AT/ABOVE 10000
TASKE	TASKE.BREMN6	TASKE	TASKE						
			NIKLS	348.49 (APE R-168)	42.73	10000	2700		
			BREMN	348.49 (APE R-168)	06.68	10000	2400		AT/ABOVE 10000

**ARRIVAL ROUTE DESCRIPTION:**

THENCE ... CROSS BREMN AT OR ABOVE 10000, EXPECT RADAR VECTORS TO FINAL APPROACH COURSE

**PROCEDURAL DATA NOTES:**

NOTE: DME REQUIRED.  
NOTE: RADAR REQUIRED.



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NOTE: MGW TRANSITION TO BE FILED BY NON-TURBO JET AIRCRAFT ONLY, AT OR BELOW FL230.

**FIXES AND/OR HOLDING PATTERNS:**

**COMMUNICATIONS:**

CHART: COLUMBUS APP CON. JOHN GLENN COLUMBUS INTL ATIS. OHIO STATE UNIVERSITY ATIS. RICKENBACKER INTL ATIS.

**AIRPORTS SERVED:**

AIRPORT NAME	CITY	STATE
JOHN GLENN COLUMBUS INTL (KCMH)	COLUMBUS	OH
OHIO STATE UNIVERSITY (KOSU)	COLUMBUS	OH
RICKENBACKER INTL (KLCK)	COLUMBUS	OH
BOLTON FIELD (KTZR)	COLUMBUS	OH

**LOST COMMUNICATIONS PREFERENCES:**

FOR KCMH - FROM BREMN DIRECT APE, MAINTAIN 3000 UNTIL APE VORTAC.  
FOR KOSU - FROM BREMN ON V45 TO APE VORTAC THEN DIRECT FULER (OS) LOM, MAINTAIN 3000 UNTIL FULER (OS) LOM (ADF REQUIRED).  
FOR KTZR - FROM BREMN TO XUB VOR DIRECT BOUTN (BU) LOM, MAINTAIN 3000 UNTIL BOUTN (BU) LOM (ADF REQUIRED).

**REMARKS:**

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**ADDITIONAL FLIGHT DATA:**

CHART AT BREMN TERMINUS: LDG KCMH, KOSU, KLCK AND KTZR.

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<b>FLIGHT INSPECTED BY:</b>	<i>Digitally signed by</i>	<b>ORGANIZATION:</b>	<b>DATE:</b>	
SHAWN D MAXWELL	<b>JOHN BORDY</b>	FICO	4/17/2021	Flight Inspected Signature:
	Apr 19, 2021			

  

<b>DEVELOPED BY:</b>	<i>Digitally signed by</i>			
ANA Y. VEGA	<b>ANA Y VEGA</b>	AJV-A422	1/27/2021	Developed By Signature:
	Mar 17, 2021			

  

<b>APPROVED BY:</b>	<i>Digitally signed by</i>			
MARLON ROBINSON	<b>JOHN BORDY</b>	AJV-A420		Approved By Signature:
	Apr 19, 2021			

**CHANGES:**

1. UPDATED SEGMENT HENDERSON FROM "HNN VORTAC.TASKE.NIKLS.BREMN" TO TASKE.NIKLS.BREMN" AND RENAMED IT AS "TASKE".
2. UPDATED NIKLS COURSE FROM "(HNN R-346)" TO "(APE R-168)".
3. REMOVED "V12 TO DIPNE" FROM THE OSU LOST COMM INSTRUCTIONS.
4. CORRECTED TYPO ON 8260-17.1 FROM "MGW R-289 & ZZZ R-109" TO "MGW R-289 & ZZV R-109".
5. COMMUNICATIONS: UPDATED "COLUMBUS APPROACH CONTROL" TO "CHART COLUMBUS APP CON".
6. REMOVED VERTICAL NAVIGATION NOTE.
7. ADDITIONAL DATA: REMOVED "MOCAS NOT REQUIRED AT ATC REQUEST" AND ADDED "CHART BREMN TERMINUS: LDG KCMH, KOSU, KLCK AND KTZR".
8. ADDED MOCA DATA TO TRANSITION ROUTES.
9. TRANSITION ROUTE: BELLAIRE UPDATED ALL MEAs FROM "9000" TO "10000".
10. TRANSITION ROUTE: MORGANTOWN UPDATED MEAS FROM "9000" TO "10000" TO FRICC AND BREMN.
11. TRANSITION ROUTE: BELLAIRE UPDATED DISTANCE FROM AIR VOR/DME TO HISOM FROM "34.27" TO "34.26".
12. LOST COMMUNICATIONS PREFERENCES: REMOVED "IN THE EVENT OF LOST COMMUNICATIONS:" AND ADDED "K" PREFIX TO AIRPORT IDENTIFIERS.
13. ARRIVAL ROUTE DESCRIPTION: UPDATED FROM "OVER BREMN, EXPECT RADAR VECTORS TO FINAL APPROACH COURSE" TO "THENCE ...CROSS BREMN AT OT ABOVE 1000, EXPECT RADAR VECTORS TO FINAL APPROACH COURSE".
14. CROSSING ALTITUDE/FIXES: ADDED "AT/ABOVE 10000" AT BREMN

**REASONS:**

- 1, 2, 3. HNN VOR IS BEING DECOMISSIONED.
4. ERROR IN CURRENT 8260-17.1.
5. COMMUNICATIONS INFORMATION "APPROACH CONTROL" SHALL BE SHOWN BY ABBREVIATED.
6. NOT CURRENT CRITERIA. IF THIS REMAINED AN ABBREVIATED AMENDMENT THAT THIS WOULD OF BEEN RETAINED.
7. 8. 8260.19I 4-5-12 b (8) AND (5)
9. 10. RAISED TO MATCH MINIMUM CROSSING ALTITUDE AT BREMN.
11. RECALCULATE DISTANCE WITH NEW EVALUATION.
12. 8260.19I 4-5-1 e.



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13. 8260.3D 2-2-7 B. (3).

14. 8260.19I 4-5-2 j.