

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
MIIDY (RNAV)	THREE	MIIDY.MIIDY3	TWO	12/10/2015	5 SEP 2024

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
LAFLN	LAFLN.MIIDY3	LAFLN	LAFLN						
			CHOPS	276.35	21.04	5000	1500		AT 11000
			BILIT	276.06	04.99	5000	1400		
			TRUTH	313.54	02.49	5000	1400		AT 10000
			MIIDY	313.51	10.34	5000	1300		AT/ABOVE 7000

ARRIVAL ROUTE DESCRIPTION:

LANDING KBWI RWY 10: FROM MIIDY ON TRACK 301.66/10.05 TO CROSS KAPTN AT 5000, THEN ON TRACK 310.54/5.04 TO CROSS NAVEY AT 5000 AND AT 230 KIAS, THEN ON TRACK 310.87/7.40 TO CROSS ANCRR AT 4000 AND AT 210 KIAS, THEN ON TRACK 311.10/5.20 TO LURRL, THEN ON TRACK 299.92/2.80 TO HUNNN, THEN ON TRACK 299.92/2.00 TO CROSS HUTOO AT 4000, THEN ON TRACK 299.92. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KBWI RWY 15L: FROM MIIDY ON TRACK 358.33/19.03 TO CROSS DRZTT AT 4000, THEN ON TRACK 337.71/11.27 TO DAAXX, THEN ON TRACK 301.22/9.56 TO CROSS DADLE AT 4000 AND AT 210 KIAS, THEN ON TRACK 333.97/2.58 TO CROSS RYJON AT 4000, THEN ON TRACK 335.19. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KBWI RWY 15R: FROM MIIDY ON TRACK 301.66/10.05 TO CROSS KAPTN AT 5000, THEN ON TRACK 310.54/5.04 TO CROSS NAVEY AT 5000 AND AT 230 KIAS, THEN ON TRACK 310.87/7.40 TO CROSS ANCRR AT 4000 AND AT 210 KIAS, THEN ON TRACK 311.10/5.20 TO LURRL, THEN ON TRACK 299.92/2.80 TO HUNNN, THEN ON TRACK 003.04/11.49 TO CROSS ZARTZ AT 4000 AND AT 210 KIAS, THEN ON TRACK 337.71/2.00 TO CROSS ZOEYY AT 4000, THEN ON TRACK 337.71. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KBWI RWY 28: FROM MIIDY ON TRACK 301.66/10.05 TO CROSS KAPTN AT 5000, THEN ON TRACK 353.06/4.54 TO CROSS TOGAH AT 5000 AND AT 210 KIAS, THEN ON TRACK 019.66/4.90 TO CROSS BMTTR AT 4000, THEN ON TRACK 105.57/3.00 TO CROSS FHRST AT 4000, THEN ON TRACK 105.57. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KBWI RWY 33L: FROM MIIDY ON TRACK 316.14/8.33 TO CROSS SNUGI AT OR BELOW 5000, THEN ON TRACK 323.03/3.87 TO CROSS JANNS AT OR ABOVE 4000 AND AT 210 KIAS. EXPECT ILS OR LOC RWY 33L APPROACH.

LANDING KBWI RWY 33R: FROM MIIDY ON TRACK 322.90/12.95 TO CROSS DUDDS AT OR ABOVE 3000. EXPECT ILS OR LOC RWY 33R APPROACH.

LANDING KMTN: FROM MIIDY ON TRACK 021.73/18.68 TO CROSS JUGMO AT 3000, THEN ON HEADING 315.00. 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: JET AIRCRAFT ONLY

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT BILIT: HOLD E, LT, 275.00 INBOUND, 4 NM LEGS, 210 KIAS.

COMMUNICATIONS:

CHART: POTOMAC APP CON

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KBWI	BALTIMORE	MD
KMTN	BALTIMORE	MD

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LOST COMMUNICATIONS PREFERENCES:

REMARKS:

ENVIRONMENTAL REVIEW UNDER ORDER 1050.1 (LATEST EDITION) AND THE NOISE SCREENING HAVE BEEN ACCOMPLISHED.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)
MAG VAR: KBWI 11W/2000
CHART AT JANNS TERMINUS: KBWI LDG RWY 33L
CHART AT ZOEEY TERMINUS: KBWI LDG RWY 15R
CHART AT FHRST TERMINUS: KBWI LDG RWY 28
CHART AT HUTOO TERMINUS: KBWI LDG RWY 10
CHART AT RYJON TERMINUS: KBWI LDG RWY 15L
CHART AT DUDDS TERMINUS: KBWI LDG RWY 33R
CHART AT JUGMO TERMINUS: LDG KMTN
CHART: R-4006

FLIGHT INSPECTED BY:

MICHAEL G CAMPBELL

ORGANIZATION: DATE:

FPO 04/23/2024

Flight Inspected Signature:

Digitally signed by

ALLAN WILL

May 06, 2024

DEVELOPED BY:

Christopher Stocking (FAA); Adam Searcy (NATCA)

ESC PBN Co-Leads 02/28/2024

Developed By Signature:

Digitally signed by

ALLAN WILL

May 06, 2024

APPROVED BY:

ALLAN WILL (MANAGER)

AJV-A423

Approved By Signature:

Digitally signed by

ALLAN WILL

May 06, 2024

CHANGES:

1. ADDED: TOGAH WITH "AT 5000/210 KIAS" CONSTRAINT.
2. ADDED: BMTTR WITH "AT 4000" CONSTRAINT.
3. ADDED: FHRST WITH "AT 4000" CONSTRAINT.
4. AMENDED: BWI RWY ARRIVAL DESCRIPTIONS: SEPARATED/AMENDED INSTRUCTIONS FOR ALL RWY TRANSITIONS.
5. AMENDED: KAPTN ALTITUDE CONSTRAINT FROM "AOB 5000" TO "AT 5000."
6. AMENDED: NAVEY ALTITUDE/SPEED CONSTRAINT FROM "AT 4000" TO "AT 5000/230 KIAS."
7. ADDED: ANCRRT ALTITUDE/SPEED CONSTRAINT "AT 4000/210 KIAS."
8. ADDED: HUTOO WITH "AT 4000" ALTITUDE CONSTRAINT TO RWY 10 TRANSITION.
9. AMENDED: DUDDS ALTITUDE CONSTRAINT FROM "AOA 3000" TO "AT 3000."

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MIIDY (RNAV)	THREE	MIIDY.MIIDY3	TWO	12/10/2015	5 SEP 2024
10. ADDED: ZARTZ WITH "AT 4000/210 KIAS" CONSTRAINT.					
11. ADDED: ZOEYY WITH "AT 4000" CONSTRAINT.					
12. ADDED: DRZZT WITH "AT 4000" CONSTRAINT.					
13. ADDED: DADLE WITH "AT 4000/210 KIAS" CONSTRAINT.					
14. ADDED: DAAXX.					
15. ADDED: RYJON WITH "AT 4000" CONSTRAINT.					
16. ADDED: ALTITUDE 11000 and 250 KIAS SPEED CONSTRAINT AT CHOPS.					
17. DELETED: 250 KIAS SPEED CONSTRAINT AT TRUTH.					
18. DELETED: 250 KIAS SPEED CONSTRAINT AT BILIT.					
19. DELETED: TROTZ, HURTZ.					
20. MOVED: LURRL 732 FT SE.					
21. REMOVED: THE WORD "REQUIRED" FROM NOTE GPS REQUIRED.					
22. LOWERED ALL ENROUTE MEAS TO 5000.					
23. REMOVED MEA/MOCA VALUES FROM COMMON ROUTE/RWY TRANSITIONS.					
24. REMOVED AIRPORT NAMES FROM AIRPORTS SERVED.					
25. CHANGED TURBOJET NOTE TO REFLECT JETS.					
26. REMOVED RECOMMENDED NAVAID FROM 17.2.					
27. DELETED PROCEDURE LANDING NOTES AT HUNN, TROTZ, JANNS, AND DUDDS.					

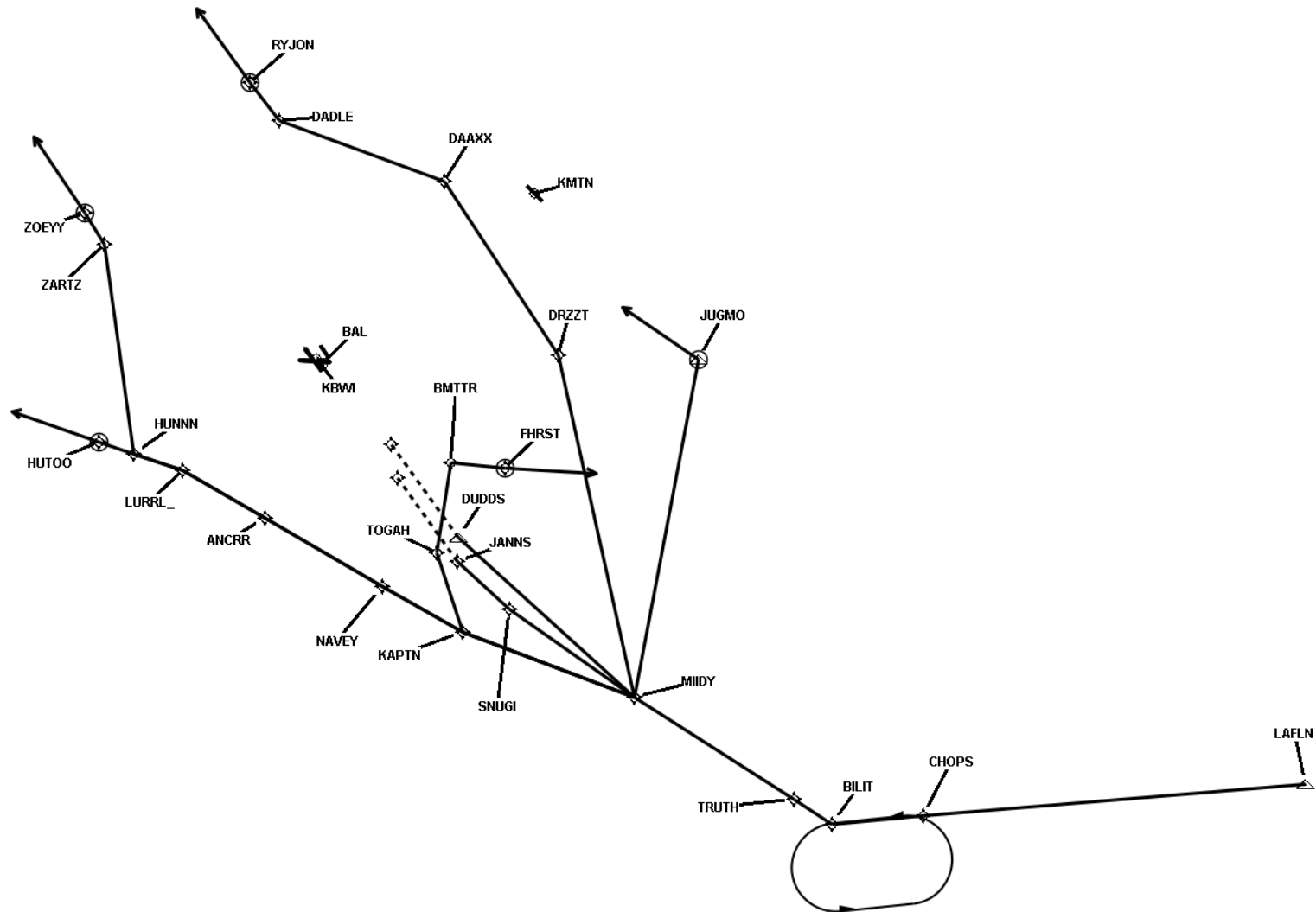
REASONS:

- 1-19. ATC REQUEST, PROVIDES MORE EFFICIENT ROUTING AND ALIGNS WITH ACTUAL OPERATIONAL REQUIREMENTS TO KBWI.
- 20. RESOLVE LEG LENGTH FAILURE.
- 21. IAW 8260.19I, 4-5-3.
- 22-23. REQUESTED BY AIS.
- 24-25. IAW 8260.19I
- 26. CURRENT DOCUMENTATION STANDARDS.
- 27. ATC REQUEST.

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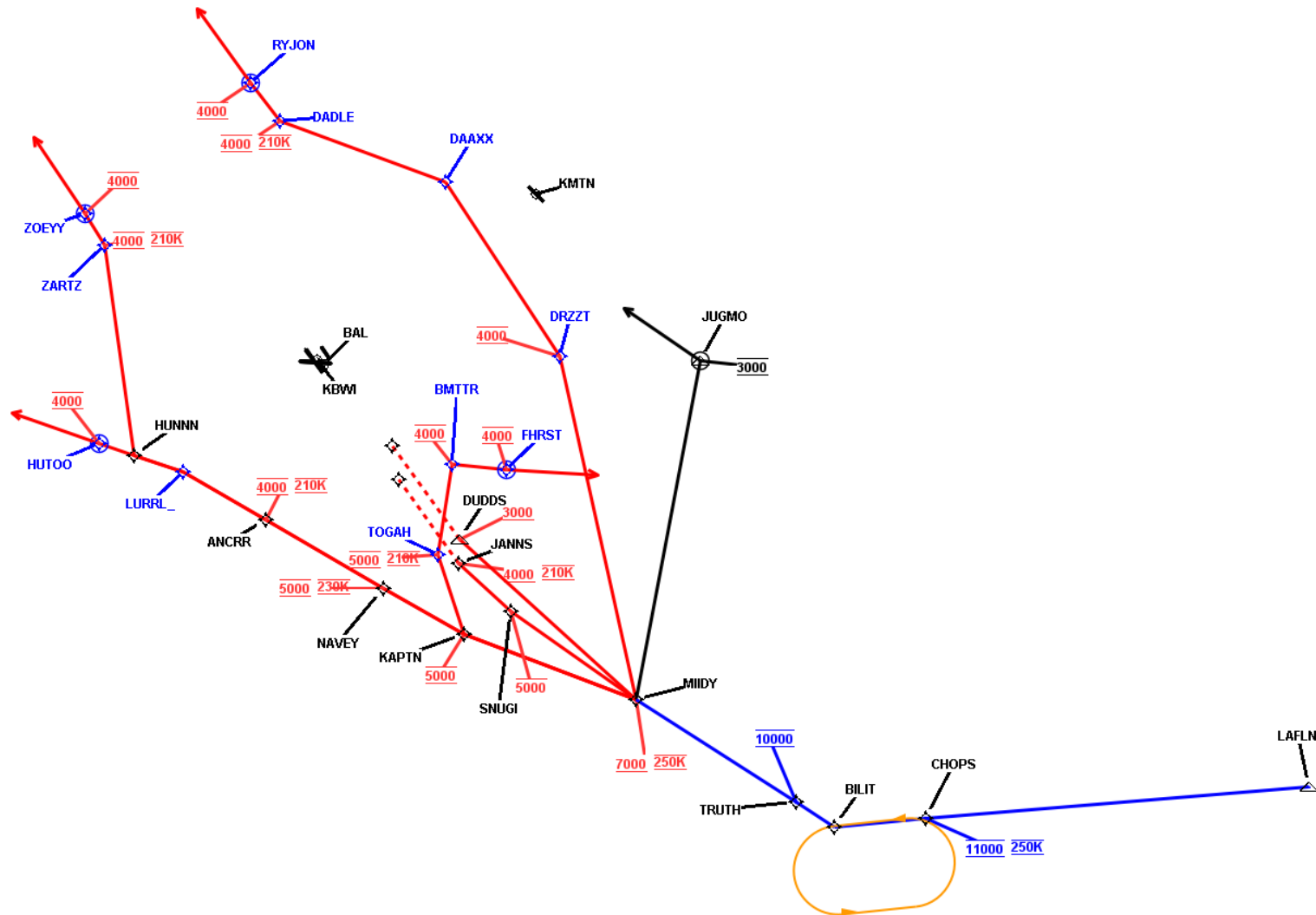
Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
MIIDY (RNAV)	THREE	MIIDY.MIIDY3	TWO	12/10/2015	5 SEP 2024
Graphic Depiction 1					



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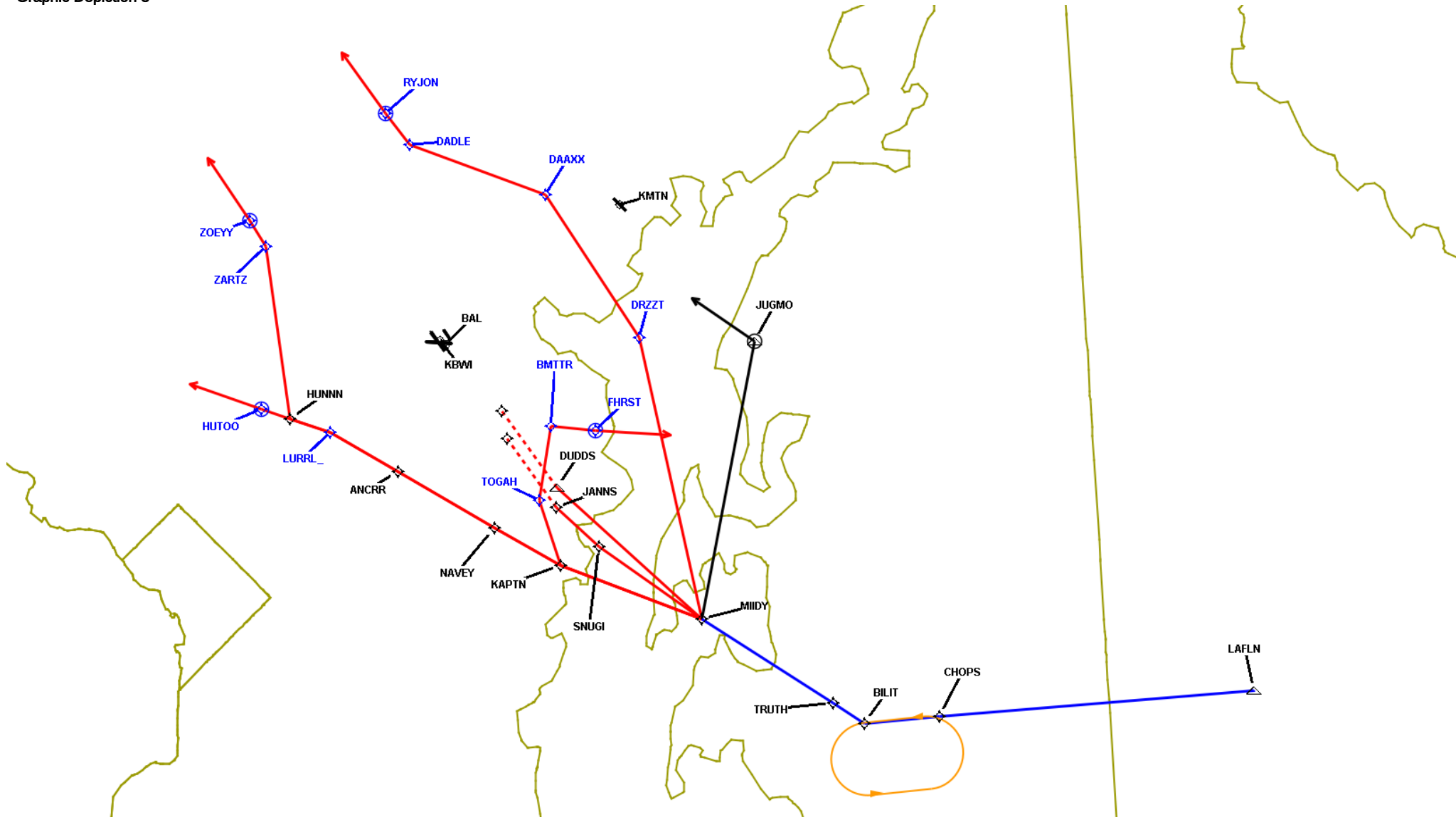
Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
MIIDY (RNAV)	THREE	MIIDY.MIIDY3	TWO	12/10/2015	5 SEP 2024
Graphic Depiction 2					



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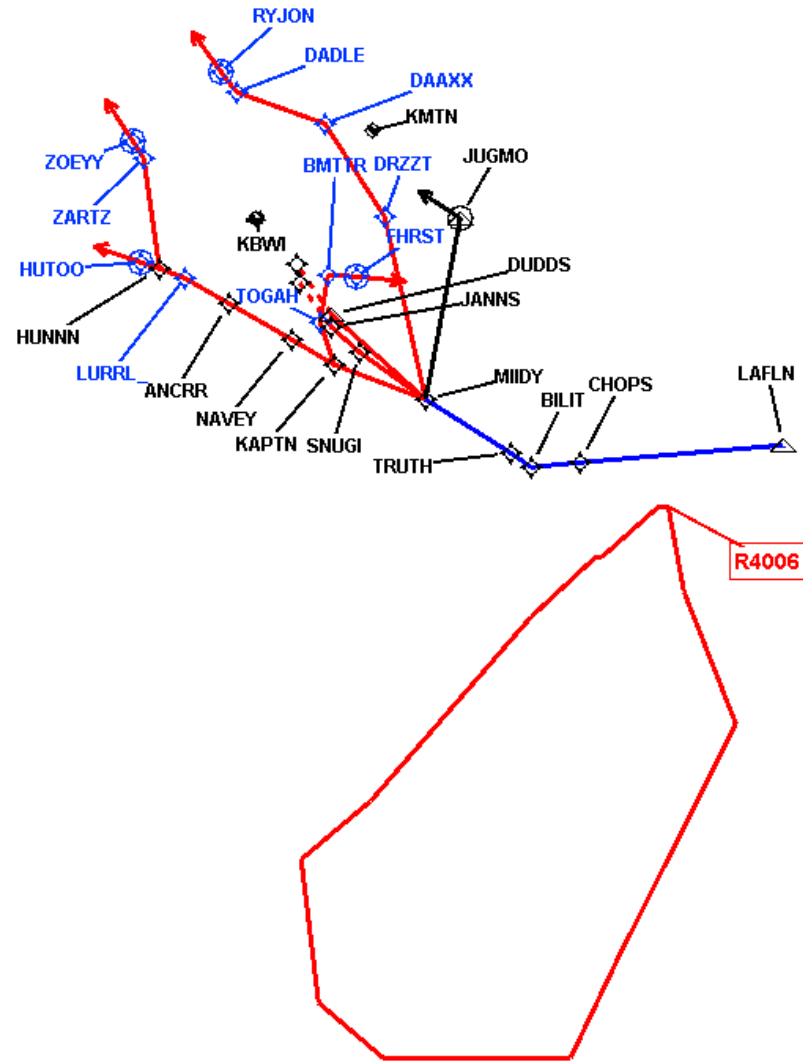
Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
MIIDY (RNAV)	THREE	MIIDY.MIIDY3	TWO	12/10/2015	5 SEP 2024
Graphic Depiction 3					



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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
MIIDY (RNAV)	THREE	MIIDY.MIIDY3	TWO	12/10/2015	5 SEP 2024
Graphic Depiction 4					



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name MIIDY (RNAV)		Number THREE		STAR Computer Code MIIDY.MIIDY3		Superseded Number TWO		Dated 12/10/2015	Effective Date 5 SEP 2024
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
LAFLN	384727.40N / 0753047.72W	Y		IF					LAFLN.MIIDY3
CHOPS	384541.81N / 0755736.18W	Y	FB	TF	265.35	21.04	AT 11000	AT 250K	
BILIT	384515.82N / 0760357.59W	Y	FB	TF	265.06	04.99			
TRUTH	384636.08N / 0760638.37W	Y	FB	TF	302.54	02.49	AT 10000		
MIIDY	385209.40N / 0761748.46W	Y	FB	TF	302.51	10.34	AT/ABOVE 7000	AT 250K	
Common Route									
MIIDY	385209.40N / 0761748.46W	Y		IF			AT/ABOVE 7000	AT 250K	MIIDY.MIIDY3
JUGMO	391031.78N / 0761320.04W	Y	FO	TF	010.73	18.68	AT 3000		
KMTN				VM	304.00				
Runway Transition									
MIIDY	385209.40N / 0761748.46W	Y		IF			AT/ABOVE 7000	AT 250K	
KAPTN	385541.79N / 0762951.72W	Y	FB	TF	290.66	10.05	AT 5000		
NAVEY	385810.99N / 0763529.26W	Y	FB	TF	299.54	05.04	AT 5000	AT 230K	
ANCRR	390152.15N / 0764343.60W	Y	FB	TF	299.87	07.40	AT 4000	AT 210K	
LURRL	390428.63N / 0764930.23W	Y	FB	TF	300.10	05.20			
HUNNN	390523.10N / 0765254.35W	Y	FB	TF	288.92	02.80			
HUTOO	390602.02N / 0765520.17W	Y	FO	TF	288.92	02.00	AT 4000		
KBWI:RWY 10				FM	288.92				
Runway Transition									
MIIDY	385209.40N / 0761748.46W	Y		IF			AT/ABOVE 7000	AT 250K	
DRZZT	391044.40N / 0762310.52W	Y	FB	TF	347.33	19.03	AT 4000		
DAAXX	392009.94N / 0763109.03W	Y	FB	TF	326.71	11.27			
DADLE	392327.88N / 0764243.50W	Y	FB	TF	290.22	09.56	AT 4000	AT 210K	
RYJON	392531.57N / 0764443.81W	Y	FO	TF	322.97	02.58	AT 4000		
KBWI:RWY 15L				FM	324.19				

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STAR (DATA RECORD)

Arrival Name MIIDY (RNAV)		Number THREE		STAR Computer Code MIIDY.MIIDY3		Superseded Number TWO		Dated 12/10/2015	Effective Date 5 SEP 2024
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
Runway Transition									
MIIDY	385209.40N / 0761748.46W	Y		IF			AT/ABOVE 7000	AT 250K	
KAPTN	385541.79N / 0762951.72W	Y	FB	TF	290.66	10.05	AT 5000		
NAVEY	385810.99N / 0763529.26W	Y	FB	TF	299.54	05.04	AT 5000	AT 230K	
ANCRR	390152.15N / 0764343.60W	Y	FB	TF	299.87	07.40	AT 4000	AT 210K	
LURRL	390428.63N / 0764930.23W	Y	FB	TF	300.10	05.20			
HUNNN	390523.10N / 0765254.35W	Y	FB	TF	288.92	02.80			
ZARTZ	391646.19N / 0765457.24W	Y	FB	TF	352.04	11.49	AT 4000	AT 210K	
ZOEYY	391826.57N / 0765622.11W	Y	FO	TF	326.71	02.00	AT 4000		
KBWI:RWY 15R				FM	326.71				
Runway Transition									
MIIDY	385209.40N / 0761748.46W	Y		IF			AT/ABOVE 7000	AT 250K	
KAPTN	385541.79N / 0762951.72W	Y	FB	TF	290.66	10.05	AT 5000		
TOGAH	390001.29N / 0763139.42W	Y	FB	TF	342.06	04.54	AT 5000	AT 210K	
BMTTR	390452.21N / 0763042.59W	Y	FB	TF	008.66	04.90	AT 4000		
FHRST	390437.80N / 0762652.18W	Y	FO	TF	094.57	03.00	AT 4000		
KBWI:RWY 28				FM	094.57				
Runway Transition									
MIIDY	385209.40N / 0761748.46W	Y		IF			AT/ABOVE 7000	AT 250K	
SNUGI	385656.88N / 0762632.18W	Y	FB	TF	305.14	08.33	AT/BELOW 5000		
JANNS	385932.32N / 0763013.23W	Y	FB	TF	312.03	03.87	AT/ABOVE 4000	AT 210K	
KBWI:RWY 33L									
Runway Transition									
MIIDY	385209.40N / 0761748.46W	Y		IF			AT/ABOVE 7000	AT 250K	
DUDDS	390048.21N / 0763010.61W	Y	FB	TF	311.90	12.95	AT/ABOVE 3000		
KBWI:RWY 33R									

