

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
WAYNZ (RNAV)	TWO	PRIVO.WAYNZ2	ONE	03/21/2024	09 Jul 2026

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
PHILIPSBURG	PSB.WAYNZ2	PSB VORTAC	PSB VORTAC						
			JARAF	177.33	24.50	6000	4900		
			PRIVO	177.41	26.70	6000	4700		
WILSS	WILSS.WAYNZ2	WILSS	WILSS						
			PRIVO	236.30	16.73	6000	4700		

ARRIVAL ROUTE DESCRIPTION:

IAD: FROM PRIVO ON TRACK 177.49/10.37 TO CROSS DAFIX AT 12000, THEN ON TRACK 177.52/10.54 TO CROSS WAYNZ AT 10000 AND AT 250 KIAS.

LANDING IAD RWY 1C/R: FROM WAYNZ ON TRACK 179.88/14.34 TO CROSS MAPEL AT 8000, THEN ON TRACK 152.60/18.15 TO CROSS MOWAT AT 5000, THEN ON TRACK 188.90/6.10 TO CROSS HUSEL AT 4000, THEN ON TRACK 189.88/15.37 TO CROSS YACKK AT 4000 AND AT 210 KIAS, THEN ON TRACK 191.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING IAD RWY 1L, 30: FROM WAYNZ ON TRACK 179.88/14.34 TO CROSS MAPEL AT 8000, THEN ON TRACK 186.88/11.18 TO CROSS CRAIN AT 6000, THEN ON TRACK 187.67/10.39 TO CROSS KUKSE AT 5000, THEN ON TRACK 189.82/12.76 TO ELISN, THEN ON TRACK 190.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING IAD RWY 19L/C/R: FROM WAYNZ ON TRACK 179.88/7.69 TO CROSS SULII AT 10000, THEN ON TRACK 180.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING CJR/FRR/HWY/JYO/MRB/OKV: FROM PRIVO ON TRACK 177.49/10.37 TO CROSS DAFIX AT 12000, THEN ON TRACK 177.52/10.54 TO CROSS OVIEE AT 10000 AND AT 250 KIAS, THEN ON TRACK 230.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING EZF/HEF/NYG/RMN: FROM PRIVO ON TRACK 177.49/10.37 TO CROSS DAFIX AT 12000, THEN ON TRACK 177.52/10.54 TO CROSS WAYNZ AT 10000 AND AT 250 KIAS, THEN ON TRACK 179.88/14.34 TO CROSS MAPEL AT 8000, THEN ON TRACK 152.60/18.15 TO CROSS MOWAT AT 5000, THEN ON TRACK 188.90/6.10 TO CROSS HUSEL AT 4000, THEN ON TRACK 190.39/29.07 TO TICON, THEN ON TRACK 191.00. 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

NOTE: LANDING NORTH USE RWY 1C/R TRANSITION, LANDING SOUTH USE RWY 19L/C/R TRANSITION, EXPECT RWY ASSIGNMENT 10 NM PRIOR TO DAFIX.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT DAFIX: HOLD N, LT, 182.00 INBOUND, 4 NM LEGS, 210 KIAS.

COMMUNICATIONS:



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AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
IAD	WASHINGTON	DC
CJR	CULPEPER	VA
MRB	MARTINSBURG	WV
FRR	FRONT ROYAL	VA
JYO	LEESBURG	VA
HEF	WASHINGTON	DC
NYG	QUANTICO	VA
EZF	FREDERICKSBURG	VA
RMN	STAFFORD	VA
HWY	WARRENTON	VA
OKV	WINCHESTER	VA

LOST COMMUNICATIONS PREFERENCES:**REMARKS:**

THE ENVIRONMENTAL REVIEW UNDER ORDER 1050.1 (LATEST EDITION) AND THE NOISE SCREENING HAVE BEEN ACCOMPLISHED.
LOWEST ASSIGNED ATC ALTITUDE AT ELISN, 4000 AND AT TICON, 3000.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)
MAG VAR: IAD 10W/2000
CHART AT YACKK TERMINUS: IAD LDG RWY 1C/R
CHART AT ELISN TERMINUS: IAD KLDG RWY 1L, 30
CHART AT SULII TERMINUS: IAD LDG RWY 19L/C/R
CHART AT TICON TERMINUS: LDG EZF,HEF,NYG,RMN
CHART AT OVIEE TERMINUS: LDG CJR,FRR,HWY,JYO,MRB,OKV
CHART: P-40, R-4009
CHART: P-56A, P-56B



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FLIGHT INSPECTED BY:**ORGANIZATION:** **DATE:**

MICHAEL G CAMPBELL

AJF

04/02/2026

Flight Inspected Signature:

Digitally signed by

TARA N MARTINELLI

May 05, 2026

DEVELOPED BY:

JAY BAGGETT

AJV-A430

01/26/2026

Developed By Signature:

Digitally signed by

TARA N MARTINELLI

May 05, 2026

Digitally signed by

TARA N MARTINELLI

May 05, 2026

APPROVED BY:

CASIMIR TABAKA

AJV-A430

Approved By Signature:

CHANGES:

1. ADDED MRB/CJR/JYO/FRR/HWY/OKV/NYG/EZF/RMN/HEF AIRPORTS ALONG WITH THEIR RESPECTIVE COMMON ROUTES.
2. RELOCATED ELISN 1745 FT EAST.
3. RWY 1L/30 TRANSITION - REMOVED MIKEJ AND ADDED ELISN; FM LEG CHANGED TO 190.
4. RWY 1C/R TRANSITION - REMOVED TICON AND ADDED YACKK.
5. ADDED "AT 4000/210 KIAS" CONSTRAINT AT YACKK TO IAD 1C/1R RWY TRANSITION.
6. ADDED CRAIN WITH AN "AT 6000" CONSTRAINT TO RWY 1L/30 RWY TRANSITION.
7. ADDED OVIEE WITH AN "AT 10000/250KIAS" CONSTRAINT LANDING CJR/FRR/HWY/JYO/MRB/OKV.
8. RELOCATED SULII 4.69NM SOUTH.
9. CHANGED NOTE FROM "MAINTAIN LAST ASSIGNED ALTITUDE UNTIL CLEARED TO DESCEND VIA WAYNZ2 STAR" TO "LANDING NORTH USE RWY 1C/R TRANSITION, LANDING SOUTH USE RWY 19L/C/R TRANSITION, EXPECT RWY ASSIGNMENT 10 NM PRIOR TO DAFIX."
10. ADDED NEW COMMON ROUTE FOR CJR/FRR/HWY/JYO/MRB/OKV AIRPORTS.
11. UPDATED TERMINUS DATA IN ADDITIONAL FLIGHT DATA.
12. ADDED "LOWEST ASSIGNED ATC ALTITUDE AT ELISN, 4000 AND AT TICON 3000" TO REMARKS.
13. CHANGED ALTITUDE CONSTRAINT AT MAPEL FROM "AT 7000" TO "AT 8000" TO IAD 1C/1R RWY TRANSITION.
14. LOWERED MEAS FROM 12000 TO 6000.

REASONS:

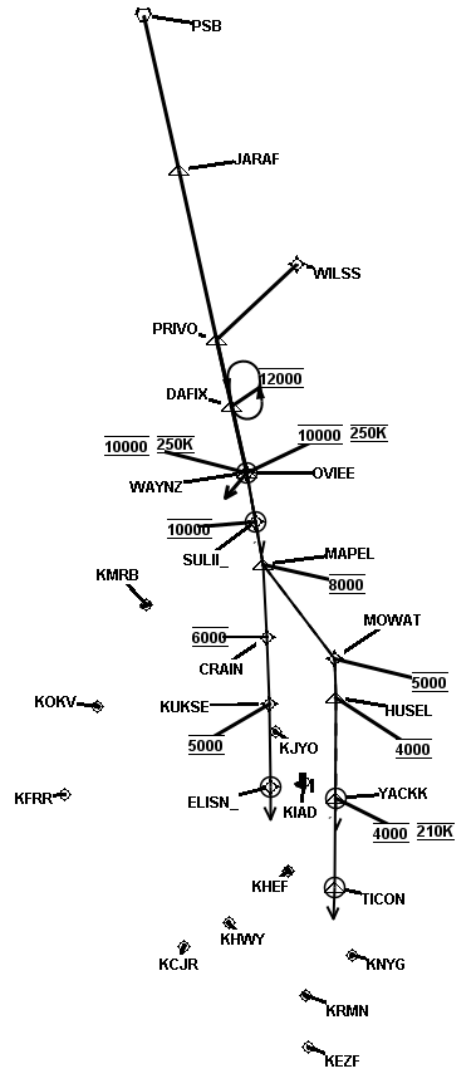
- 1-10, 12. ATC REQUEST.
11. TERMINUS DATA UPDATED IAW 8260.19K, 4-5-2H.
13. NO ALTITUDE AT TERMINUS FIX.
14. D/D/I COVERAGE.

QUALITY
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CHECKED

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Graphic Depiction 1					

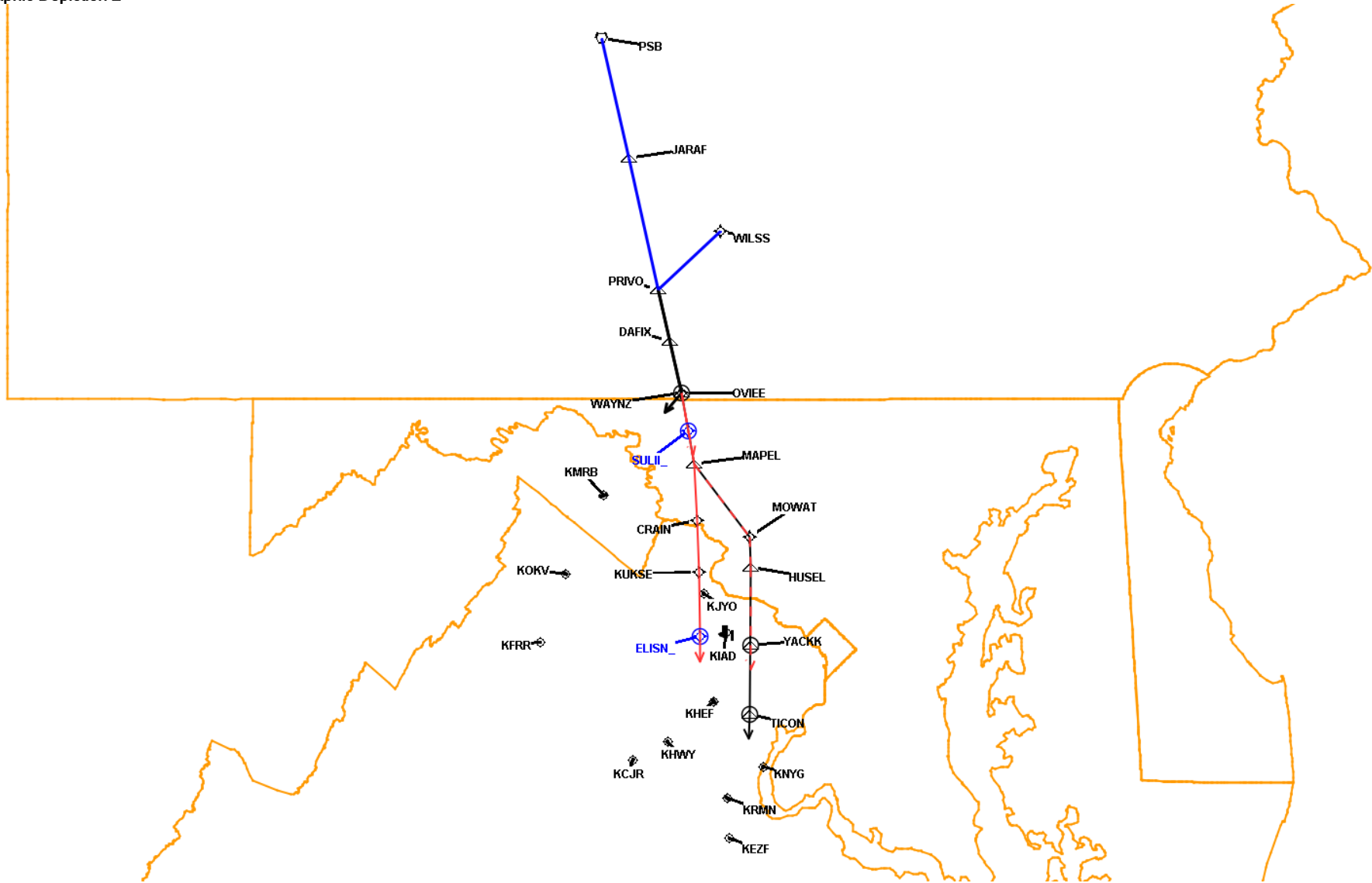


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Graphic Depiction 2



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name WAYNZ (RNAV)		Number TWO		STAR Computer Code PRIVO.WAYNZ2		Superseded Number ONE		Dated 03/21/2024	Effective Date 09 Jul 2026
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
PSB VORTAC	405458.53N / 0775933.78W	Y		IF					PSB.WAYNZ2
JARAF	403103.18N / 0775231.02W	Y	FB	TF	167.33	24.50			
PRIVO	400458.57N / 0774456.01W	Y	FB	TF	167.41	26.70			
En Route Transition									
WILSS	401633.51N / 0772910.74W	Y		IF					WILSS.WAYNZ2
PRIVO	400458.57N / 0774456.01W	Y	FB	TF	226.30	16.73			
Common Route									
PRIVO	400458.57N / 0774456.01W	Y		IF					PRIVO.WAYNZ2
DAFIX	395450.43N / 0774200.78W	Y	FB	TF	167.49	10.37	AT 12000		
WAYNZ	394432.58N / 0773903.69W	Y	FB	TF	167.52	10.54	AT 10000	AT 250K	
Common Route									
PRIVO	400458.57N / 0774456.01W	Y		IF					PRIVO.WAYNZ2
DAFIX	395450.43N / 0774200.78W	Y	FB	TF	167.49	10.37	AT 12000		
OVIEE	394432.59N / 0773903.69W	Y	FO	TF	167.52	10.54	AT 10000	AT 250K	
KCJR,KFRR,KHWY, KJYO,KMRB,KOKV				FM	220.00				
Common Route									
PRIVO	400458.57N / 0774456.01W	Y		IF					PRIVO.WAYNZ2
DAFIX	395450.43N / 0774200.78W	Y	FB	TF	167.49	10.37	AT 12000		
WAYNZ	394432.58N / 0773903.69W	Y	FB	TF	167.52	10.54	AT 10000	AT 250K	
MAPEL	393024.59N / 0773548.34W	Y	FB	TF	169.88	14.34	AT 8000		
MOWAT	391557.60N / 0772136.60W	Y	FB	TF	142.60	18.15	AT 5000		
HUSEL	390951.60N / 0772127.60W	Y	FB	TF	178.90	06.10	AT 4000		



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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
TICON	384045.60N / 0772142.60W	Y	FO	TF	180.39	29.07			
KEZF,KHEF,KNYG, KRMN				FM	181.00				
Runway Transition									
WAYNZ	394432.58N / 0773903.69W	Y		IF			AT 10000	AT 250K	
MAPEL	393024.59N / 0773548.34W	Y	FB	TF	169.88	14.34	AT 8000		
MOWAT	391557.60N / 0772136.60W	Y	FB	TF	142.60	18.15	AT 5000		
HUSEL	390951.60N / 0772127.60W	Y	FB	TF	178.90	06.10	AT 4000		
YACKK	385428.80N / 0772125.20W	Y	FO	TF	179.88	15.37	AT 4000	AT 210K	
KIAD:RWY 1C,RWY 1R				FM	181.00				
Runway Transition									
WAYNZ	394432.58N / 0773903.69W	Y		IF			AT 10000	AT 250K	
MAPEL	393024.59N / 0773548.34W	Y	FB	TF	169.88	14.34	AT 8000		
CRAIN	391914.47N / 0773501.25W	Y	FB	TF	176.88	11.18	AT 6000		
KUKSE	390850.86N / 0773428.65W	Y	FB	TF	177.67	10.39	AT 5000		
ELISN	385604.53N / 0773425.56W	Y	FO	TF	179.82	12.76			
KIAD:RWY 1L,RWY 30				FM	180.00				
Runway Transition									
WAYNZ	394432.58N / 0773903.69W	Y		IF			AT 10000	AT 250K	
SULII	393657.88N / 0773718.77W	Y	FO	TF	169.88	07.69	AT 10000		
KIAD:RWY 19L/C/R				FM	170.00				

QUALITY
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CHECKED