

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
PRTZL (RNAV)	TWO	PRTZL.PRTZL2	ONE	03/21/2024	

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
LYKOM	LYKOM.PRTZL2	LYKOM	LYKOM						
			WATSO	198.58	17.73	5200	4500		
			SEG VOR/DME	198.58	15.48	5000	3800		
			LEGGO	203.40	31.00	5000	3800		
			PRTZL	203.29	13.28	5000	3800		
SELINSGROVE	SEG.PRTZL2	SEG VOR/DME	SEG VOR/DME						
			LEGGO	203.40	31.00	5000	3800		
			PRTZL	203.29	13.28	5000	3800		
WLKES	WLKES.PRTZL2	WLKES	WLKES						
			DIANO	246.30	29.31	5300	5000		
			BLESS	257.43	09.56	5000	4200		
			SEG VOR/DME	257.31	22.92	5000	4100		
			LEGGO	203.40	31.00	5000	3800		
			PRTZL	203.29	13.28	5000	3800		

ARRIVAL ROUTE DESCRIPTION:

IAD: FROM PRTZL ON TRACK 203.42/11.90 TO CROSS GEEGI AT 9000, THEN ON TRACK 203.05/12.01 TO HYPER.

LANDING IAD RWY 1C/R: FROM HYPER ON TRACK 211.45/8.81 TO CROSS BRUHH AT 9000, THEN ON TRACK 211.41/8.81 TO CROSS SIGBE AT 7000, THEN ON TRACK 188.92/8.65 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 HYPER ON TRACK 227.52/27.41 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 HYPER ON TRACK 220.00/5.00 TO CROSS PHATT AT 9000, THEN ON TRACK 220.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING CJR/FRR/HWY/JYO/MRB/OKV: FROM PRTZL ON TRACK 203.42/11.90 TO CROSS GEEGI AT 9000, THEN ON TRACK 203.05/12.01 TO HYPER, THEN ON TRACK 220.00/5.00 TO CROSS PHATT AT 9000, THEN ON TRACK 240.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING EZF/HEF/NYG/RMN: FROM PRTZL ON TRACK 203.42/11.90 TO CROSS GEEGI AT 9000, THEN ON TRACK 203.05/12.01 TO HYPER, THEN ON TRACK 211.45/8.81 TO CROSS BRUHH AT 9000, THEN ON TRACK 211.41/8.81 TO CROSS SIGBE AT 7000, THEN ON TRACK 188.92/8.65 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



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PRTZL (RNAV)	TWO	PRTZL.PRTZL2	ONE	03/21/2024	

PROCEDURAL DATA NOTES:

NOTE: FOR NON-JET AIRCRAFT CAPLE OF 180 KIAS OR GREATER

FIXES AND/OR HOLDING PATTERNS:

- CHART HOLDING AT HYPER: HOLD E, LT, 248.61 INBOUND, 4 NM LEGS, 210 KIAS.
- CHART HOLDING AT PRTZL: HOLD NE, RT, 203.29 INBOUND, 4 NM LEGS, 210 KIAS.
- CHART HOLDING AT SEG VOR/DME: HOLD N, RT, 198.58 INBOUND, 4 NM LEGS, 210 KIAS.

COMMUNICATIONS:

AIRPORTS SERVED:

AIRPORT ID	CITY	STATE
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.
- DO NOT CHART MOCA VALUES WLKES-DIANO. MEA/MOCA VALUES WITHIN 500FT.

ADDITIONAL FLIGHT DATA:

- DME/DME ASSESSMENT: SAT (RNP 2.0)
- MAG VAR: IAD 10W/2000
- CHART AT PHATT TERMINUS: IAD LDG RWY 19L/C/R
- CHART AT ELISN TERMINUS: IAD LDG RWY 1L, 30
- CHART AT YACKK TERMINUS: IAD LDG RWY 1C/R
- CHART AT PHATT TERMINUS: LDG CJR/FRR/HWY/JYO/MRB/OKV



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CHART AT TICON TERMINUS: LDG EZF/HEF/NYG/RMN
CHART: P-40, R-4009
CHART: P-56A, P-56B

FLIGHT INSPECTED BY:

HANNAH WIESNESKI

ORGANIZATION:

AJF

DATE:

04/17/2026

Flight Inspected Signature:

Digitally signed by

TARA N MARTINELLI

May 05, 2026

DEVELOPED BY:

JAY BAGGETT

AJV-A432

01/26/2026

Developed By Signature:

Digitally signed by

TARA N MARTINELLI

May 05, 2026

APPROVED BY:

CASIMIR TABAKA

AJV-A432

Approved By Signature:

Digitally signed by

TARA N MARTINELLI

May 05, 2026

CHANGES:

1. ADDED CJR/MRB/FRR/JYO/HEF/NYG/EZF/RMN/HWY/OKV AIRPORTS ALONG WITH THEIR RESPECTIVE COMMON ROUTES.
2. RELOCATED ELISN 1745 FT EAST.
3. IAD RWY 1L/30 TRANSITION - REMOVED MIKEJ AND ADDED ELISN; FM LEG CHANGED TO 190.
4. ADDED "AT 4000/210 KIAS" CONSTRAINT AT YACKK FOR RWY 1C/1R TRANSITION.
5. REMOVED TICON AND ADDED YACKK FOR RWY 1C/1R TRANSITION.
6. IAD RWY 1C/1R TRANSITION, ADDED BRUHH WITH "AT 9000" CONSTRAINT.
7. ADDED GEEGI WITH "AT 9000" CONSTRAINT FOR PRTZL TRANSITION LANDING EZF/HEF/NYG/RMN.
8. RELOCATED PHATT 4.2 NM NE.
9. IAD RWY 19L/19C/19R TRANSITION FM LEG FROM 230.00 COURSE TO 220.00 COURSE.
10. UPDATED TERMINUS DATA IN ADDITIONAL FLIGHT DATA.
11. ADDED "LOWEST ASSIGNED ATC ALTITUDE AT ELISN,4000 AND AT TICON, 3000" TO REMARKS.
12. LOWERED ALL MEAS TO 5000 EXCEPT WATSO/DIANO. WATSO LOWERED TO 5200, AND DIANO LOWERED TO 5300.
13. ADDED DO NOT CHART MOCA STATEMENT FOR FIX DIANO.

REASONS:

- 1-9. ATC REQUEST.
10. TERMINUS DATA UPDATED IAW 8260.19K, 4-5-2H.
11. NO ALTITUDE AT TERMINUS FIX.
12. D/D/I.
13. VALUES WITHIN 500 FT.

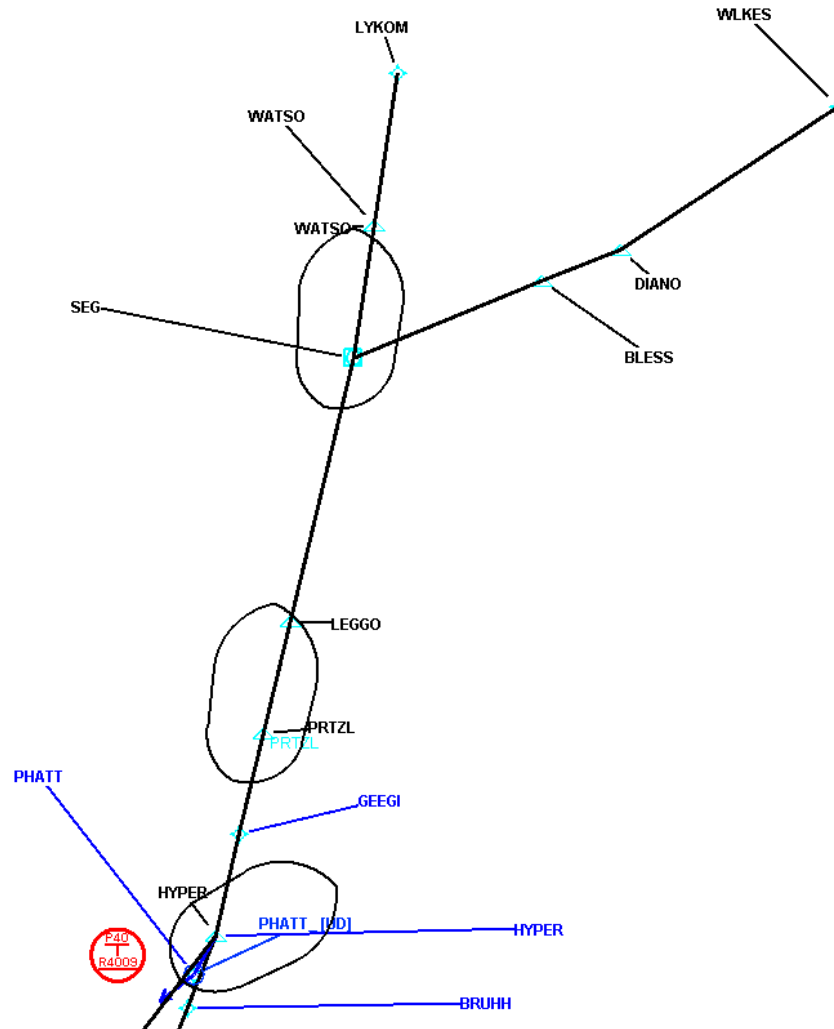
5/13/2026: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 05/05/2026.
ARRIVAL ROUTE DESCRIPTION: LANDING CJR/FRR/HWY/JYO/MRB/OKV:..., CHANGED "GEEGE" TO "GEEGI".



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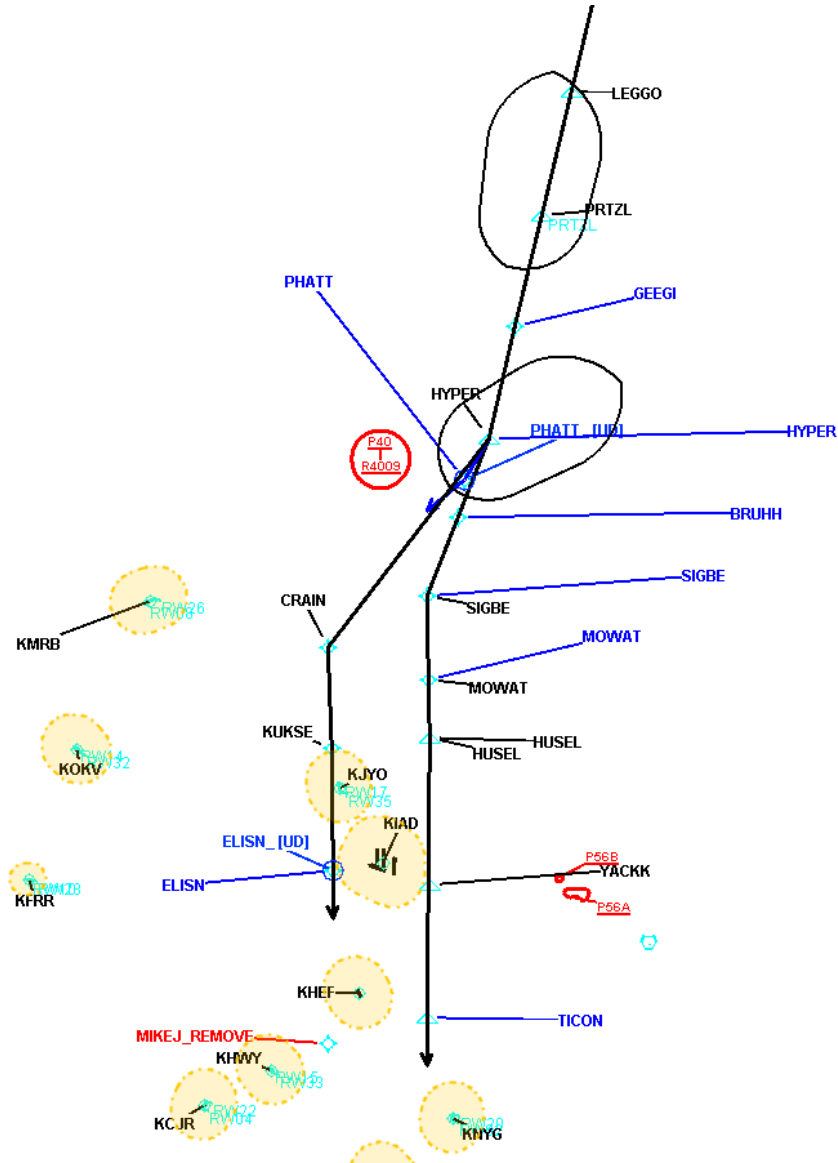
Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
PRTZL (RNAV)	TWO	PRTZL.PRTZL2	ONE	03/21/2024	
Graphic Depiction 1					



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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
PRTZL (RNAV)	TWO	PRTZL.PRTZL2	ONE	03/21/2024	
Graphic Depiction 2					



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name PRTZL (RNAV)		Number TWO		STAR Computer Code PRTZL.PRTZL2			Superseded Number ONE		Dated 03/21/2024	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										
LYKOM	412018.75N / 0764630.30W	Y		IF						LYKOM.PRTZL2
WATSO	410246.31N / 0765000.10W	Y	FB	TF	188.58	17.73				
SEG VOR/DME	404727.09N / 0765302.55W	Y	FB	TF	188.58	15.48				
LEGGO	401716.01N / 0770225.65W	Y	FB	TF	193.40	31.00				
PRTZL	400420.17N / 0770624.16W	Y	FB	TF	193.29	13.28				
En Route Transition										
SEG VOR/DME	404727.09N / 0765302.55W	Y		IF						SEG.PRTZL2
LEGGO	401716.01N / 0770225.65W	Y	FB	TF	193.40	31.00				
PRTZL	400420.17N / 0770624.16W	Y	FB	TF	193.29	13.28				
En Route Transition										
WLKES	411622.57N / 0754121.60W	Y		IF						WLKES.PRTZL2
DIANO	410001.99N / 0761333.78W	Y	FB	TF	236.30	29.31				
BLESS	405621.21N / 0762512.51W	Y	FB	TF	247.43	09.56				
SEG VOR/DME	404727.09N / 0765302.55W	Y	FB	TF	247.31	22.92				
LEGGO	401716.01N / 0770225.65W	Y	FB	TF	193.40	31.00				
PRTZL	400420.17N / 0770624.16W	Y	FB	TF	193.29	13.28				
Common Route										
PRTZL	400420.17N / 0770624.16W	Y		IF						PRTZL.PRTZL2
GEEGI	395244.85N / 0770959.56W	Y	FB	TF	193.42	11.90	AT 9000			
HYPER	394102.16N / 0771330.34W	Y	FB	TF	193.05	12.01				
Common Route										
PRTZL	400420.17N / 0770624.16W	Y		IF						PRTZL.PRTZL2
GEEGI	395244.85N / 0770959.56W	Y	FB	TF	193.42	11.90	AT 9000			
HYPER	394102.16N / 0771330.34W	Y	FB	TF	193.05	12.01				



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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
PHATT	393642.09N / 0771644.43W	Y	FO	TF	210.00	05.00	AT 9000		
KCJR,KFRR,KHWY, KJYO,KMRB,KOKV				FM	230.00				
Common Route									
PRTZL	400420.17N / 0770624.16W	Y		IF					PRTZL.PRTZL2
GEEGI	395244.85N / 0770959.56W	Y	FB	TF	193.42	11.90	AT 9000		
HYPER	394102.16N / 0771330.34W	Y	FB	TF	193.05	12.01			
BRUHH	393249.70N / 0771740.29W	Y	FB	TF	201.45	08.81	AT 9000		
SIGBE	392437.20N / 0772149.20W	Y	FB	TF	201.41	08.81	AT 7000		
MOWAT	391557.60N / 0772136.60W	Y	FB	TF	178.92	08.65	AT 5000		
HUSEL	390951.60N / 0772127.60W	Y	FB	TF	178.90	06.10	AT 4000		
TICON	384045.60N / 0772142.60W	Y	FO	TF	180.39	29.07			
KEZF,KHEF,KNYG, KRMN				FM	181.00				
Runway Transition									
HYPER	394102.16N / 0771330.34W	Y		IF					
BRUHH	393249.70N / 0771740.29W	Y	FB	TF	201.45	08.81	AT 9000		
SIGBE	392437.20N / 0772149.20W	Y	FB	TF	201.41	08.81	AT 7000		
MOWAT	391557.60N / 0772136.60W	Y	FB	TF	178.92	08.65	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									
HYPER	394102.16N / 0771330.34W	Y		IF					
CRAIN	391914.47N / 0773501.25W	Y	FB	TF	217.52	27.41	AT 6000		
KUKSE	390850.86N / 0773428.65W	Y	FB	TF	177.67	10.39	AT 5000		



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STAR (DATA RECORD)

Arrival Name PRTZL (RNAV)	Number TWO	STAR Computer Code PRTZL.PRTZL2		Superseded Number ONE		Dated 03/21/2024	Effective Date		
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
ELISN	385604.53N / 0773425.56W	Y	FO	TF	179.82	12.76			
KIAD:RWY 1L,RWY 30				FM	180.00				
Runway Transition									
HYPER	394102.16N / 0771330.34W	Y		IF					
PHATT	393642.09N / 0771644.43W	Y	FO	TF	210.00	05.00	AT 9000		
KIAD:RWY 19L/C/R				FM	210.00				

