

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
ILS STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.29**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.  
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u>AIRPORT ID</u> IAD	<u>PROCEDURE NAME</u> ILS OR LOC RWY 1R ILS RWY 1R (CAT II) ILS RWY 1R (CAT III)	<u>ORIGINAL/AMENDMENT</u> 25A	<u>CITY</u> WASHINGTON	<u>STATE</u> DC		
<u>AIRPORT ELEVATION</u> 312	<u>TDZE</u> 312	<u>SUPERSEDED</u> ILS OR LOC RWY 1R ILS RWY 1R (CAT II) ILS RWY 1R (CAT III)	<u>ORIGINAL/AMENDMENT</u> 25	<u>DATED</u> 05/16/2024	<u>MAG VAR</u> 10W	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> I-IAD	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 17 APRIL 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES**

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
EERRS/I-IAD 25.00 DME/RADAR	IAF	ELLLA/I-IAD 21.30 DME/RADAR					010.67 (I-IAD)	3.71	7000
ELLLA/I-IAD 21.30 DME/RADAR		FAWLR/I-IAD 18.20 DME/RADAR					010.67 (I-IAD)	3.10	6000
FAWLR/I-IAD 18.20 DME/RADAR	IAF	TREAA/I-IAD 14.43 DME/RADAR					010.67 (I-IAD)	3.76	5000
TREAA/I-IAD 14.43 DME/RADAR		TWOOT/I-IAD 11.33 DME/RADAR					010.67 (I-IAD)	3.11	4000
TWOOT/I-IAD 11.33 DME/RADAR	IAF	ESTYN/I-IAD 8.04 DME/RADAR					010.67 (I-IAD)	3.29	3000
HELMZ	IAF	GRASK		TF	FB	1.00	098.62	7.41	5000
GRASK		LAZER		TF	FB	1.00	086.40	5.30	4000
LAZER		TWOOT/RADAR		TF	FB	1.00	062.15	6.86	4000
HUFFF	IAF	JMATZ		TF	FB	1.00	098.32	8.86	6000
JMATZ		LAWWS		TF	FB	1.00	089.53	5.62	6000
LAWWS		FAWLR/RADAR		TF	FB	1.00	074.56	4.62	6000
ESTYN/I-IAD 8.04 DME/RADAR	IF	EDSCO/I-IAD 4.89 DME/RADAR					010.67 (I-IAD)	3.15	2000
EDSCO/I-IAD 4.89 DME/RADAR		WAXIN/I-IAD 3.32 DME/RADAR	PFAF				010.67 (I-IAD)	1.57	1500

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: I-IAD 0.24 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 060 AND EMI VORTAC R-219 TO EMI VORTAC AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2.	PROFILE STARTS AT EERRS/I-IAD 25.00 DME/RADAR					
3.	FAC:	010.67	FAF:	WAXIN/I-IAD 3.32 DME/RADAR	DIST FAF TO MAP:	DIST FAF TO THLD: 3.56
4.	MIN ALT:	EERRS/I-IAD 25.00 DME/RADAR 7000, ELLLA/I-IAD 21.30 DME/RADAR 7000, FAWLR/I-IAD 18.20 DME/RADAR 6000, TREAA/I-IAD 14.43 DME/RADAR 5000, TWOOT/I-IAD 11.33 DME/RADAR 4000, ESTYN/I-IAD 8.04 DME/RADAR 3000, EDSCO/I-IAD 4.89 DME/RADAR 2000, WAXIN/I-IAD 3.32 DME/RADAR 1500, TIBBY/I-IAD 1.43 DME 900				
5.	DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	200 HAT:	0.46 GS ANT: 1050
6.	MIN GS INCPT:	1500	GS ALT AT PFAF:	WAXIN/I-IAD 3.32 DME/RADAR 1500	OM:	MM: IM:
7.	GS ANGLE:	3.00	34:1:	20:1:	TCH:	55.2
8.	MSA FROM:	AML VOR/DME 180-360 3500, 360-180 2500				

PBN REQUIREMENTS NOTE:

RNP APCH-GPS. FROM HELMZ, OR HUFFF.

EQUIPMENT REQUIREMENTS NOTES:

DME OR RADAR REQUIRED.  
DME REQUIRED FOR LOC ONLY.  
RADAR REQUIRED FOR PROCEDURE ENTRY AT EERRS.

NOTES:

CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 1R: CAT A, B, C, D, RA 94, RVR 1200, HAT 100, DA 412 MSL  
CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 1R: CAT A, B, C, D, RVR 600  
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.

ADDITIONAL FLIGHT DATA:

CHART I-IAD DME ANTENNA IN PROFILE  
HOLD S, LT, 359.00 INBOUND.  
CHART FAS OBST: 434 TRANSMISSION\_LINE (51-002387) 385402N/0772554W.  
588 AAO 385157N/0772524W.  
CHART R-6608A/B/C.  
CHART VDP AT 0.75 DME.  
DISTANCE VDP TO THLD 0.99 NM.  
CHART AT OR ABOVE 7000 AT EERRS.  
CHART AT OR ABOVE 5000 AT HELMZ.  
CHART AT OR ABOVE 6000 AT HUFFF.

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD - CAT D 900-2 3/4

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
S-ILS 01R	512	1800	200	512	1800	200	512	1800	200	512	1800	200			
S-LOC 01R	700	2400	388	700	2400	388	700	3500	388	700	3500	388			
CIRCLING	940	1	628	940	1	628	940	1 3/4	628	1180	2 3/4	868			

QUALITY  
30  
CHECKED

