

**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 1L ILS RWY 1L (CAT II) ILS RWY 1L (CAT III)	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> WASHINGTON	<u>STATE</u> DC		
<u>AIRPORT ELEVATION</u> 312	<u>TDZE</u> 296	<u>SUPERSEDED</u> ILS OR LOC RWY 1L ILS RWY 1L (CAT II) ILS RWY 1L (CAT III)	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 05/16/2024	<u>MAG VAR</u> 10W	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> I-OIU	<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>
WABER/I-OIU 28.29 DME/RADAR	IAF	WESVA/I-OIU 24.53 DME/RADAR					010.65 (I-OIU)	3.76	7000
WESVA/I-OIU 24.53 DME/RADAR		WOFUL/I-OIU 21.43 DME/RADAR					010.65 (I-OIU)	3.10	6000
WOFUL/I-OIU 21.43 DME/RADAR	IAF	WISHY/I-OIU 17.80 DME/RADAR					010.65 (I-OIU)	3.63	5000
WISHY/I-OIU 17.80 DME/RADAR		WIRLY/I-OIU 14.62 DME/RADAR					010.65 (I-OIU)	3.18	4000
WIRLY/I-OIU 14.62 DME/RADAR	IAF	WERTH/I-OIU 11.33 DME/RADAR					010.65 (I-OIU)	3.30	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		WIRLY/RADAR		TF	FB	1.00	051.06	5.50	4000
WERTH/I-OIU 11.33 DME/RADAR	IF	FAXES/I-OIU 6.90 DME/RADAR	PFAF				010.65 (I-OIU)	4.43	2000

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: I-OIU 1.72 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 800 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 276 AND ON AML VOR/DME R-319 TO NHLEN INT/AML 27.33 DME AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):**

CLIMB TO 800 THEN CLIMBING LEFT TURN TO 4000 ON HEADING 240 AND ON LDN VORTAC R-088 TO OLIVR INT/LDN 14.94 DME AND HOLD.



**AIRPORT ID**  
IAD

**PROCEDURE NAME**  
ILS OR LOC RWY 1L  
ILS RWY 1L (CAT II)  
ILS RWY 1L (CAT III)

**ORIGINAL/AMENDMENT**  
2A

**CITY**  
WASHINGTON

**STATE**  
DC

**PROFILE:**

- 1. **PT**                      **SIDE OF COURSE**                      **OUTBOUND**                      **FT WITHIN**                      **MILES OF**                      (IAF)
- 2. PROFILE STARTS AT WABER/I-OIU 28.29 DME/RADAR
- 3. **FAF:** 010.65                      **FAF:** FAXES/I-OIU 6.90 DME/RADAR                      **DIST FAF TO MAP:**                      **DIST FAF TO THLD:** 5.18
- 4. **MIN ALT:** WABER/I-OIU 28.29 DME/RADAR 8000, WESVA/I-OIU 24.53 DME/RADAR 7000, WOFUL/I-OIU 21.43 DME/RADAR 6000, WISHY/I-OIU 17.80 DME/RADAR 5000, WIRLY/I-OIU 14.62 DME/RADAR 4000, WERTH/I-OIU 11.33 DME/RADAR 3000, FAXES/I-OIU 6.90 DME/RADAR 2000, CULCO/I-OIU 5.02 DME 1400
- 5. **DIST TO THLD FROM OM:**                      **MM:**                      **IM:**                      **100 HAT:** 856.00                      **150 HAT:**                      **GS ANT:** 1108
- 6. **MIN GS INCPT:** 2000                      **GS ALT AT PFAF:** FAXES/I-OIU 6.90 DME/RADAR 2000                      **OM:**                      **MM:**                      **IM:**
- 7. **GS ANGLE:** 3.00                      **34:1:**                      **20:1:**                      **TCH:** 55.1
- 8. **MSA FROM:** AML VOR/DME 180-360 3500, 360-180 2500

**PBN REQUIREMENTS NOTE:**

RNP APCH-GPS. FROM HELMZ.

**EQUIPMENT REQUIREMENTS NOTES:**

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

**NOTES:**

CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 1L: CAT A, B, C, D, RA 97, RVR 1200, HAT 100, DA 396 MSL  
CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 1L: 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.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LOC CATS C/D VISIBILITY TO RVR 5500.

**ADDITIONAL FLIGHT DATA:**

HOLD SE, LT, 318.62 INBOUND.  
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W OLIVR INT/LDN 14.94 DME, RT, 088.30 INBOUND.  
CHART FAS OBST: 444 TREE (51-020678) 385409N/0772904W.  
CHART R-6608A/B/C.  
CHART VDP AT 2.64 DME.  
DISTANCE VDP TO THLD 0.92 NM.  
CHART IN PLANVIEW: OLIVR INT/LDN 14.94 DME.  
CHART AT OR ABOVE 8000 AT WABER.  
CHART AT OR ABOVE 5000 AT HELMZ.

**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												
S-ILS 01L	496	1800	200	496	1800	200	496	1800	200	496	1800	200				
S-LOC 01L	660	2400	364	660	2400	364	660	3500	364	660	3500	364				
CIRCLING	940	1	628	940	1	628	940	1 3/4	628	1180	2 3/4	868				



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2A

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**CHANGES - REASONS**

- PBN REQUIREMENT NOTE - CHANGED FROM RNP APCH-GPS. FROM GNATZ TO RNP APCH-GPS. FROM HELMZ - FIX NAME CHANGE, SIMILAR SOUNDING FIXES IN AIRSPACE.
- ADDITIONAL FLIGHT DATA - CHANGED CHART AT OR ABOVE 5000 AT GNATZ TO AT OR ABOVE 5000 AT HELMZ - ATC REQUEST, SIMILAR SOUNDING FIXES IN AIRSPACE.
- TERMINAL ROUTES - CHANGED IAF FROM GNATZ TO HELMZ - ATC REQUEST, SIMILAR SOUNDING FIXES IN AIRSPACE.

**COORDINATED WITH:**

**A4A** 
**ALPA** 
**AOPA** 
**APA** 
**HAI** 
**NBAA** 
**OTHER:** PCT APP CON, LAD ATCT, APT MGR

**FLIGHT CHECKED BY**

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

*Digitally signed by*

**ROBERT G HAMILTON**

Dec 06, 2024

**OFFICE**

AJV-33

**DATE**

04/17/2025

**DEVELOPED BY**

JOHN BORDY (JOHN BRUNO)

*Digitally signed by*

**ROBERT G HAMILTON**

Dec 06, 2024

**OFFICE**

AJV-33

**DATE**

04/17/2025

**APPROVED BY**

JOHN BORDY

*Digitally signed by*

**ROBERT G HAMILTON**

Dec 06, 2024

**OFFICE**

AJV-33

**DATE**

09/10/2024

**TITLE**

MANAGER

