

**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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
IAD	ILS OR LOC RWY 19L ILS RWY 19L (SA CAT II)	16	WASHINGTON	DC		
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
312	302	ILS OR LOC RWY 19L	15D	07/18/2019	10W	2000
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
I-SGC		16 MAY 2024	ROUTINE			

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>
LOGOW	IAF	PATWY		TF	FB	1.00	095.19	7.84	6000
PATWY		HOSTT		TF	FB	1.00	097.33	3.67	6000
HOSTT		FORKL		TF	FB	1.00	161.79	3.00	6000
DUBBV	IAF	HUGGZ		TF	FB	1.00	101.90	4.50	5000
HUGGZ		NOGGL		TF	FB	1.00	108.57	3.50	4000
NOGGL		TOOPR		TF	FB	1.00	142.48	5.98	4000
LEMIU	IAF	LEFVR		TF	FB	1.00	190.67	3.73	6000
LEFVR/I-SGC 24.41 DME/RADAR		FORKL/I-SGC 21.22 DME/RADAR					190.67	3.20 (I-SGC)	6000
FORKL/I-SGC 21.22 DME/RADAR	IAF	THRET/I-SGC 17.76 DME/RADAR					190.67	3.45 (I-SGC)	5000
THRET/I-SGC 17.76 DME/RADAR		TOOPR/I-SGC 14.71 DME/RADAR					190.67	3.06 (I-SGC)	4000
TOOPR/I-SGC 14.71 DME/RADAR	IAF	LEFFY/I-SGC 11.43 DME/RADAR					190.67	3.28 (I-SGC)	3000
LEFFY/I-SGC 11.43 DME/RADAR	IF	LOOOT/I-SGC 8.23 DME/RADAR					190.67	3.20 (I-SGC)	2000
LOOOT/I-SGC 8.23 DME/RADAR		DOMSE/I-SGC 5.75 DME/RADAR					190.67	2.48 (I-SGC)	1500

MISSED APPROACH

MAP:

ILS: DA
LOC: 3.62 NM AFTER DOMSE/I-SGC 5.75 DME/RADAR OR AT I-SGC 2.13 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 800 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 010 AND ON AML VOR/DME R-040 TO ASPER INT/AML 14.66 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 800 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 030 AND ON FDK VOR R-176 TO ASPER INT/RADAR AND HOLD N, RT 175.82.



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2.	PROFILE STARTS AT LEMIU					
3.	FAC:	190.67	FAF:	DOMSE/I-SGC 5.75 DME/RADAR	DIST FAF TO MAP:	3.62
4.	MIN ALT:	LEMIU 7000, LEFVR/RADAR 6000, FORKL/I-SGC 21.22 DME/RADAR 6000, THRET/I-SGC 17.76 DME/RADAR 5000, TOOPR/I-SGC 14.71 DME/RADAR 4000, LEFFY/I-SGC 11.43 DME/RADAR 3000, LOOOT/I-SGC 8.23 DME/RADAR 2000, DOMSE/I-SGC 5.75 DME/RADAR 1500				
5.	DIST TO THLD FROM OM:	MM:	IM:	100 HAT:	150 HAT:	GS ANT:
6.	MIN GS INCPT:	1500	GS ALT AT PFAF:	DOMSE/I-SGC 5.75 DME/RADAR 1500	OM:	MM:
7.	GS ANGLE:	3.00	34:1:	20:1:	TCH:	55.3
8.	MSA FROM:	AML VOR/DME 180-360 3500, 360-180 2500				

PBN REQUIREMENTS NOTE:

RNP APCH - GPS. FROM LOGOW, OR DUBBV, OR LEMIU.

EQUIPMENT REQUIREMENTS NOTES:

DME OR RADAR REQUIRED.
RADAR REQUIRED FOR PROCEDURE ENTRY AT LEMIU.

NOTES:

SA CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 19L: CAT A, B, C, D, RA 100, RVR 1200, HAT 100, DA 402 MSL.

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
SA CAT II CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: *RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.
CHART SPEED ICON IN PLANVIEW AT HOSTT: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART LOC RWY 19C.
CHART LOC RWY 19R.
HOLD NE, RT, 220.00 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N ASPER INT/RADAR, RT, 175.82 INBOUND.
CHART FAS OBST: 439 TOWER (51-002459) 385950N/0772627W.
510 AAO 390124N/0772509W.
CHART VDP AT 3.17 DME.
DISTANCE VDP TO THLD 1.04 NM.
CHART AT OR ABOVE 6000 AT LOGOW.
CHART AT OR ABOVE 5000 AT DUBBV.
CHART AT OR ABOVE 7000 AT LEMIU.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD

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 19L*	502	2400	200	502	2400	200	502	2400	200	502	2400	200			
S-LOC 19L	700	2400	398	700	2400	398	700	3500	398	700	3500	398			

CHANGES - REASONS

1. THIS IS A COMPLETE REDESIGN. THE ONLY FIXES THAT REMAIN ARE FAF DOMSE AND MAP HOLDING ASPER. INITIAL MRB VORTAC TO IZUMI, INITIAL DADEY TO IZUMI, INTERMEDIATE IZUMI TO DOMSE HAVE BEEN REMOVED AND REPLACED. THE PROCEDURE NO LONGER TIES TO AN AIRWAY. – FPT/ATC REDESIGN.
2. AIRPORT ELEVATION CHANGED FROM 313 TO 312. – DATA PULL/NEW SURVEY.
3. MISSED APPROACH POINT CHANGED FROM LOC: 4.20 MILES AFTER DOMSE INT/I-SGC 6.33 DME OR AT I-SGC 2.13 TO 3.62 NM AFTER DOMSE/5.75 DME/RADAR OR AT I-SGC 2.13 DME. – FAF MOVED.
4. MISSED APPROACH INSTRUCTIONS REMOVED “OR AS DIRECTED BY ATC.” – 8260.19I COMPLIANCE.
5. EQUIPMENT REQUIREMENT NOTE ADDED: DME OR RADAR REQUIRED. – FPT/ATC REDESIGN/8260.19I COMPLIANCE.
6. EQUIPMENT REQUIREMENT NOTE ADDED: RADAR REQUIRED FOR PROCEDURE ENTRY AT LEMIU. – ALL AIRWAY AVENUES REMOVED/FPT/ATC REDESIGN.
7. PBN REQUIREMENT NOTE ADDED: RNP APCH - GPS. FROM LOGOW, OR DUBBV, OR LEMIU. – 8260.19I COMPLIANCE.
8. NOTE DELETED: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 19C OR 19R. - 8260.19I/7110.803 COMPLIANCE.
9. NOTE ADDED: SIMULTANEOUS APPROACH AUTHORIZED. – 8260.19I/7110.803 COMPLIANCE.
10. PLANVIEW NOTE DELETED: PROCEDURE NA FOR ARRIVALS AT MRB VORTAC ON AIRWAY RADIALS 088 CW 137. – MRB IAF REMOVED/FPT/ATC REDESIGN.
11. PLANVIEW NOTE ADDED CHART SPEED ICON IN PLANVIEW AT HOSTT: MAX 210 KIAS. – TO REDUCE TURNING RADIUS ONTO EXTENDED FINAL.
12. NOTE CAT II CHANGED FROM REDUCED LIGHTING: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN. TO : REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL. – 8260.19I COMPLIANCE.
13. PROFILE LINE 2 CHANGED FROM PROFILE STARTS AT DADEY/I-SGC 18.68 DME/RADAR TO PROFILE STARTS AT LEMIU. – FPT/ATC REDESIGN.
14. PROFILE LINE 3 CHANGED FROM FAF: DOMSE INT/I-SGC 6.33 DME, DIST FAF TO MAP: 4.20, THLD: 4.20 TO DOMSE/I-SGC 5.75 DME/RADAR, 3.62, 3.62. – FAF MOVED AND LOWERED/ALIGN WITH ILS DESIGN TCH.
15. PROFILE LINE 4 CHANGED FROM MIN ALT: DADEY 3000, IZUMI 3000, DOMSE 1700 TO LEMIU 7000, LEFVR/I-SGC 24.41 DME/RADAR 6000, FORKL/I-SGC 21.22 DME/RADAR 6000, THRET/I-SGC 17.76 DME/RADAR 5000, TOOPR/I-SGC 14.71 DME/RADAR 4000, LEFFY/ISGC 11.43 DME/RADAR 3000, LOOOT/I-SGC 8.23 DME/RADAR 2000, DOMSE/I-SGC 5.75 DME/RADAR 1500. – FPT/ATC REDESIGN.
16. PROFILE LINE 5 CHANGED HAT DISTANCE FROM 1021 TO 1024.
17. PROFILE LINE 6 CHANGED MIN GS INCPT: 1700, GS ALT AT: DOMSE INT/I-ISGC 6.33 DME 1700 TO 1500, DOMSE/I-SGC 5.75 DME/RADAR 1500. – FAF ALT LOWERED.
18. PROFILE LINE 8 CHANGED MSA FROM 180-360 3400 TO 180-360 3500. – NEW CONTROLLING OBSTACLE/NEW EVALUATION.
19. ADDITIONAL FLIGHT DATA: CHART FAS OBSTACLE CHANGED FROM 430 TOWER 385950N/0772627W TO 439 TOWER (51-002459) 385950N/0772627W. – NEW EVALUATION/SURVEY
20. ADDITIONAL FLIGHT DATA: CHANGED CHART VDP FROM 3.30 DME* TO VDP AT 3.17 DME. – NEW EVALUATION/LOWER MDA/8260.19I COMPLIANCE.
21. ADDITIONAL FLIGHT DATA: CHANGED DISTANCE VDP TO THLD 1.17 MILES TO DISTANCE VDP TO THLD 1.04 NM. – VDP MOVED/8260.19I COMPLIANCE.
22. ADDITIONAL FLIGHT DATA: ADDED CHART LOC RWY 19C, CHART LOC RWY 19R. - CONTINUITY BETWEEN APPROACHES/PILOT SITUATIONAL AWARENESS.
23. ADDITIONAL FLIGHT DATA: ADDED 7:1 AAO 510 AAO 390124N/0772509W. – 8260.19I COMPLIANCE/NEW EVALUATION.
24. ADDITIONAL FLIGHT DATA: CHART AT OR ABOVE 6000 AT LOGOW. - FPT/ATC REDESIGN/8260.19I.
25. ADDITIONAL FLIGHT DATA: CHART AT OR ABOVE 5000 AT DUBBV. - FPT/ATC REDESIGN/8260.19I.
26. ADDITIONAL FLIGHT DATA: CHART AT OR ABOVE 7000 AT LEMIU. - FPT/ATC REDESIGN/8260.19I.
27. MINIMUMS: ILS CHANGED SPLAT, SPLAT TO SINGLE SPLAT. – 8260.19I COMPLIANCE.
28. LOC MINIMUMS CHANGED MDA/VIS/HAT FROM CAT A/B 740/2400/438, CAT C 740/4000/438, CAT D 740/5000/438 TO CAT A/B 700/2400/398, CAT C 700/3500/398, CAT D 700/3500/398. – NEW EVALUATION/NEW CONTROLLING OBSTACLE/8260.3E VIS TABLE.
29. UPDATED 1800 RVR NOTE FROM (DOUBLE) ** TO (SINGLE) *. - 8260.19I COMPLIANCE.
30. MINIMUMS CAT II ILS CHANGED DA FROM 102 TO 100. - NEW TERRAIN EVAL FROM TARGETS.

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: PCT APP CON, IAD ATCT, AIRPORT MGR, VA DOT

FLIGHT CHECKED BY

ANTHONY D VALLERA

Digitally signed by
CASIMIR L TABAKA

Mar 08, 2024

OFFICE

FPO

DATE

03/07/2024

DEVELOPED BY

JOHN KEEFER

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Jan 30, 2024

OFFICE

AJV-A432

DATE

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APPROVED BY

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Feb 06, 2024

OFFICE

AJV-A430

DATE

TITLE
MANAGER

QUALITY
35
CHECKED