

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 1C ILS RWY 1C (SA CAT II)	3	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SUPERSEDED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	286	ILS OR LOC/DME RWY 1C ILS RWY 1C (CAT II)	2D	07/15/2021	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-OSZ		16 MAY 2024	ROUTINE			

TERMINAL ROUTES

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 24-10.

<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>
GNATZ	IAF	GRASK		TF	FB	1.00	098.62	7.41	5000
GRASK		LAZER		TF	FB	1.00	086.40	5.30	4000
LAZER		MOOOV/RADAR		TF	FB	1.00	055.70	6.03	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		MAYFR/RADAR		TF	FB	1.00	067.12	3.65	6000
MUDDO/AML 30.78 DME/RADAR	IAF	MRTZY/AML 25.89 DME/RADAR					010.65	4.90 (I-OSZ)	8000
MRTZY/AML 25.89 DME/RADAR		MOKRR/AML 22.19 DME/RADAR					010.65	3.70 (I-OSZ)	7000
MOKRR/AML 22.19 DME/RADAR		MAYFR/AML 19.09 DME/RADAR					010.65	3.10 (I-OSZ)	6000
MAYFR/AML 19.09 DME/RADAR	IAF	MODLL/AML 15.35 DME/RADAR					010.65	3.74 (I-OSZ)	5000
MODLL/AML 15.35 DME/RADAR		MOOOV/AML 12.22 DME/RADAR					010.65	3.13 (I-OSZ)	4000
MOOOV/AML 12.22 DME/RADAR	IAF	MATAZ/AML 8.92 DME/RADAR					010.65	3.29 (I-OSZ)	3000
MATAZ/AML 8.92 DME/RADAR	IF	MEEST/AML 5.78 DME/RADAR					010.65	3.14 (I-OSZ)	2000
MEEST/AML 5.78 DME/RADAR		SKINS/AML 4.32 DME/RADAR	PFAF				010.65	1.46 (I-OSZ)	1800

MISSED APPROACH

MAP:

ILS: DA
LOC: AML 0.42 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 ON AML VOR/DME R-010 TO CHDMN/AML 16.90 DME/RADAR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
10
CHECKED

AIRPORT ID

IAD

PROCEDURE NAME

ILS OR LOC RWY 1C
ILS RWY 1C (SA CAT II)

ORIGINAL/AMENDMENT

3

CITY

WASHINGTON

STATE

DC

CHANGES - REASONS

QUALITY
10
CHECKED

1. UPDATED 8260 FORMS TO NEW REPORT FORMATTING – PER CURRENT AUTOMATION.
2. TERMINAL ROUTES DELETED “CSN VORTAC TO LUSIE, LUSIE TO PEPRR, PEPRR TO CARRY, CARRY TO SKINS” - NEW PROCEDURE DESIGN PER ATC REQUEST.
3. TERMINAL ROUTES ADDED “GNATZ TO GRASK, GRASK TO LAZER, LAZER TO MOOOV, HUFFF TO JMATZ, JMATZ TO LAWWS, LAWWS TO MAYFR, MUDDO TO MRTZY, MRTZY TO MOKRR, MOKRR TO MAYFR, MAYFR TO MODLL, MODLL TO MOOOV, MOOOV TO MATAZ, MATAZ TO MEEST, MEEST TO SKINS” – NEW PROCEDURE DESIGN PER ATC REQUEST.
4. PROFILE SECTION LINE 2 CHANGED FROM “PROFILE STARTS AT LUSIE” TO “PROFILE STARTS AT MUDDO/AML 30.78 DME/RADAR” – NEW PROCEDURE DESIGN PER ATC REQUEST.
5. PROFILE SECTION LINE 3 FAF/PFAF CHANGED FROM “SKINS/AML 5.79 DME” TO “SKINS/AML 4.32 DME/RADAR” – SKINS MOVED 54 FT SOUTH DUE TO NEW PROCEDURE DESIGN PER ATC REQUEST.
6. PROFILE SECTION LINE 3 DIST FAF TO MAP/THLD CHANGED FROM “6.05/6.05” TO “BLANK/4.58” RESPECTIVELY - TIME/DISTANCE TABLE NOT REQUIRED DUE TO DME REQUIRED FOR LOC; ADDITIONALLY SKINS MOVED 54 FT SOUTH AND ALTITUDE CHANGED FROM 2300 TO 1800.
7. PROFILE SECTION LINE 4 CHANGED FROM “LUSIE 5000, PEPRR 3900, CARRY 2900, SKINS 2300, RCHLE/AML 2.30 DME 1140*” TO “MUDDO/AML 30.78 DME/RADAR 9000, MRTZY/AML 25.89 DME/RADAR 8000, MOKRR/AML 22.19 DME/RADAR 7000, MAYFR/AML 19.09 DME/RADAR 6000, MODLL/AML 15.35 DME/RADAR 5000, MOOOV/AML 12.22 DME/RADAR 4000, MATAZ/AML 8.92 DME/RADAR 3000, MEEST/AML 5.78 DME/RADAR 2000, SKINS/AML 4.32 DME/RADAR 1800, RCHLE/AML 2.30 DME 760” – NEW PROCEDURE DESIGN PER ATC REQUEST.
8. PROFILE SECTION LINE 5 DIST TO THLD FROM 100 HAT DELETED “876” – IAW 8260.19I AND NEW REPORT FORM.
9. PROFILE SECTION LINE 5 DIST TO THLD FROM 200 HAT ADDED “2777” – PER CURRENT EVALUATION AND IAW 8260.19I.
10. PROFILE SECTION LINE 5 GS ANT CHANGED FROM “1049” TO “1050” – PER CURRENT EVALUATION AND IAW 8260.19I.
11. PROFILE SECTION LINE 6 GS INTCP CHANGED FROM “2300” TO “1800” AND GS ALT AT CHANGED FROM “SKINS 2300” TO “SKINS/AML 4.32 DME/RADAR 1800” – NEW PROCEDURE DESIGN PER ATC REQUEST.
12. PROFILE SECTION LINE 7 CHANGED TCH FROM “53.8” TO “54.2” – NEW DESIGN TCH AIRNAV DATA.
13. PROFILE SECTION LINE 8 CHANGED MSA FROM “AML VOR/DME 360-180 2500, 180-3600 3400” TO “AML VOR/DME 180-360 3500, 360-180 2500” – PER CURRENT EVALUATION.
14. MINIMUMS SECTION CHANGED ALTERNATE FROM “ILS: STANDARD, LOC: STANDARD EXCEPT CAT D 800-2 1/2.” TO “ILS: STANDARD; LOC: STANDARD – CAT D 900-2 3/4” – PER CURRENT EVALUATION.
15. MINIMUMS SECTION CHANGED S-ILS 01C REMOVED DOUBLE ASTERISKS – NO LONGER REQUIRED IAW 8260.19I AND REMOVAL OF ASSOCIATED NOTE.
16. MINIMUMS SECTION S-ILS 01C ALL CATS RVR CHANGED FROM “2400” TO “1800” – PER CURRENT EVALUATION AND IAW 8260.3E VISIBILITY TABLE.
17. MINIMUMS SECTION S-LOC 01C CAT A/B MDA/VIS/HAT CHANGED FROM “620/2400/334” TO “640/2400/354” AND CAT C FROM “620/2400/334” TO “640/3000/354” AND CAT D FROM “620/4000/334” TO “640/3000/354” – PER CURRENT EVALUATION.
18. MINIMUMS SECTION CIRCLING CAT A/B MDA/VIS/HAA CHANGED FROM “940/1/627” TO “940/1/628” AND CAT C FROM “940/1 3/4/627” TO “940/1 3/4/628” AND CAT D FROM “1060/2 1/2/747” TO “1180/2 3/4/868” – PER CURRENT EVALUATION AND NEW AIRPORT ELEVATION DATA.
19. MISSED APPROACH SECTION CHANGED LOC MAP FROM “6.05 MILES AFTER SKINS/AML 5.79 DME” TO “AML 0.42 DME” – NEW PROCEDURE DESIGN PER ATC REQUEST.
20. MISSED APPROACH INSTRUCTIONS CHANGED PRIMARY FROM “CLIMB TO 3000 ON HEADING 011 AND FDK VOR R-200 TO FDK VOR AND HOLD.” TO “CLIMB TO 4000 ON AML VOR/DME R-010 TO CHDMN/AML 16.90 DME/RADAR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.” - NEW PROCEDURE DESIGN PER ATC AND FPT REQUEST.
21. MISSED APPROACH INSTRUCTIONS REMOVED ALTERNATE “CLIMB TO 4000 ON HEADING 011 AND MRB VORTAC R-127 TO MRB VORTAC AND HOLD.” – ALTERNATE MA DESIGNS NOT POSSIBLE DUE TO CONFLICTS WITH RWY 1L AND RWY 1R SIMULTANEOUS MISSED APPROACH DESIGNS. ALTERNATE MA REMOVED PER REQUEST FROM FPT AND AUTHORIZATION FROM ATC IAW 8260.19I CRITERIA.
22. ADDITIONAL FLIGHT DATA SECTION CHANGED HOLDING PATTERN FROM “HOLD NE, LT, 220.00 INBOUND.” TO “HOLD N, RT, 191.73 INBOUND.” – NEW PROCEDURE DESIGN PER ATC REQUEST.
23. ADDITIONAL FLIGHT DATA SECTION DELETED “CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD E MRB VORTAC, LT, 289.00 INBOUND.” – ALTERNATE MA REMOVED.
24. ADDITIONAL FLIGHT DATA SECTION CHANGED FAS OBST FROM “CHART FAS OBST: 366 TREE 385517N/0772726W.” TO “CHART FAS OBST: 375 TREE (11-027333) 385518N/0772725W.” – PER CURRENT EVALUATION AND IAW 8260.19I.
25. ADDITIONAL FLIGHT DATA SECTION CHANGED 7:1 OBSTACLE FROM “CHART 406 TREE 385321N/0772748W.” TO “CHART 407 TREE 385321N/0772747W.” – PER CURRENT EVALUATION AND IAW 8260.19I.
26. ADDITIONAL FLIGHT DATA SECTION REMOVED “CHART IN PLANVIEW: MRB VORTAC.” – ALTERNATE MA REMOVED.
27. ADDITIONAL FLIGHT DATA SECTION ADDED “CHART AT OR ABOVE 5000 AT GNATZ. CHART AT OR ABOVE 6000 AT HUFFF. CHART AT OR ABOVE 9000 AT MUDDO.” – IAW 8260.19I AND PER NEW PROCEDURE DESIGN PER ATC REQUEST.
28. ADDITIONAL FLIGHT DATA SECTION ADDED “DME FROM AML VOR/DME.” – IAW 8260.19I.
29. PBN REQUIREMENTES NOTE ADDED “RNP APCH-GPS. FROM GNATZ OR HUFFF.” – IAW 8260.19I.
30. EQUIPMENT REQUIREMENTS NOTES ADDED “RADAR REQUIRED FOR PROCEDURE ENTRY AT MUDDO.” AND “DME OR RADAR REQUIRED” AND “DME REQUIRED FOR LOC ONLY.” – IAW 8260.19I
31. NOTES SECTION UPDATED SA CAT II NOTES FORMATTING – 8260.19I NO LONGER REQUIRES CAT II NOTES TO LIST OUT INDIVIDUAL EQUIPMENT CATEGORIES AND ONLY REQUIRES CHARTING THE LOWEST RVR EVALUATED.
32. NOTES SECTION CHANGED NOTE FROM “CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT” TO “CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).” – IAW 8260.19I.
33. NOTES SECTION CHANGED “CHART NOTE: DME FROM AML VOR/DME. SIMULTANEOUS RECEPTION OF I-OSZ AND AML DME REQUIRED.” TO “CHART NOTE: DME FROM AML VOR/DME. DME USE REQUIRES SIMULTANEOUS RECEPTION OF I-OSZ AND AML DME” – IAW 8260.19I.
34. NOTES SECTION CHANGED SIMULTANEOUS NOTE FROM “SIMULTANEOUS APPROACH AUTHORIZED WITH ILS OR LOC/DME RWY 1L, ILS RWY 1L (CAT II), ILS RWY 1L (CAT III), ILS OR LOC RWY 1R, ILS RWY 1R (CAT II), ILS RWY 1R (CAT III)” TO “CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.” – IAW 8260.19I.
35. NOTES SECTION REMOVED “1800 RVR AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA” – IAW 8260.19I.
36. NOTES SECTION REMOVED “LOC ONLY” – IAW 8269.19I.
37. NOTES SECTION REMOVED “SA CAT II CHART NOTE: REDUCED LIGHTING: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.” – IAW 8269.19I.
38. NOTES SECTION REMOVED “CHART NOTE: DME REQUIRED.”
39. NOTES SECTION CHANGED INOPERATIVE NOTE FROM “FOR INOPERATIVE MALSR, INCREASE S-LOC CAT D VISIBILITY TO RVR 5000.” TO “CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC CATS C/D VISIBILITY TO RVR 5500.” – PER CURRENT EVALUATION AND IAW 8269.19I.
40. PROCEDURE NAME CHANGED FROM “ILS OR LOC/DME RWY 1C” TO “ILS OR LOC RWY 1C” – IAW 8269.19I.

