

**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> KDCA	<u>PROCEDURE NAME</u> ILS OR LOC RWY 1 ILS RWY 1 (SA CAT I), ILS RWY 1 (CAT II)		<u>ORIGINAL/AMENDMENT</u> 41D	<u>CITY</u> WASHINGTON	<u>STATE</u> DC		
<u>AIRPORT ELEVATION</u> 14	<u>TDZE</u> 14	<u>SUPERSEDED</u> ILS OR LOC RWY 1 ILS RWY 1 (SA CAT I), ILS RWY 1 (CAT II)	<u>ORIGINAL/AMENDMENT</u> 41C	<u>DATED</u> 03/29/2018	<u>MAG VAR</u> 11W	<u>EPOCH YEAR</u> 2000	
<u>FACILITY</u> I-DCA	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 23 FEBRUARY 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>			

**TERMINAL ROUTES**

<u><b>FROM</b></u>	<u><b>FIX TYPE</b></u>	<u><b>TO</b></u>	<u><b>FIX TYPE</b></u>	<u><b>LEG TYPE</b></u>	<u><b>FO/FB</b></u>	<u><b>RNP</b></u>	<u><b>COURSE</b></u>	<u><b>DISTANCE</b></u>	<u><b>ALTITUDE</b></u>
KATRN/I-DCA 10.70 DME	IF	BADDN/I-DCA 5.90 DME					006.50	4.80 (I-DCA)	1600

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: 4.82 NM AFTER BADDN/I-DCA 5.90 DME OR AT I-DCA 1.09 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 420 THEN CLIMBING LEFT TURN TO 2200 ON DCA VOR/DME R-325 TO GTN NDB/INT/DCA 5.89 DME AND HOLD.

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

CLIMB TO 420 THEN CLIMBING LEFT TURN TO 2200 DIRECT GTN NDB AND HOLD NW, RT, 145.00 INBOUND. ADF REQUIRED.

**PROFILE:**

1. PT      SIDE OF COURSE      OUTBOUND      FT WITHIN      MILES OF      (IAF)
2. PROFILE STARTS AT KATRN
3. FAC: 006.50      FAF: BADDN/I-DCA 5.90 DME      DIST FAF TO MAP: 4.82      DIST FAF TO THLD: 4.82
4. MIN ALT: KATRN/I-DCA 10.70 DME 2500, BADDN/I-DCA 5.90 DME 1600, JARAL/I-DCA 2.90 DME 620
5. DIST TO THLD FROM OM:      MM:      IM:      100 HAT: 877      150 HAT: 1832      GS ANT: 1007
6. MIN GS INCPT: 1600      GS ALT AT PFAF: BADDN/I-DCA 5.90 DME 1600      OM: 1533      MM:      IM:
7. GS ANGLE: 3.00      34:1:      20:1:      TCH: 53.6
8. MSA FROM: DCA VOR/DME 2600

**EQUIPMENT REQUIREMENTS NOTES:**

DME REQUIRED.  
RADAR REQUIRED FOR PROCEDURE ENTRY.



NOTES:

SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 1: CAT A, B, C, D, RA 156, RVR 1400, HAT 150, DA 164 MSL.  
CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 1: CAT A, B, C, D, RA 106, RVR 1200, HAT 100, DA 114 MSL.  
CHART NOTE: CIRCLING NA NE OF RWY 15-33.  
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL.  
CHART PROFILE NOTE: USE I-DCA DME WHEN ON THE LOCALIZER COURSE.  
CHART PLANVIEW NOTE: PROHIBITED AREA (P-56) 1.5 NM NORTH OF DCA - AVOID SURFACE TO 18,000 MSL.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 1 CATS C AND D VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

CHART 596 MONUMENT 385322N/0770207W.  
HOLD NW, RT, 144.79 INBOUND.  
CHART FAS OBST: 184 BLDG (51-020505) 384851N/0770224W.  
CHART P-56.  
CHART P-73.  
CHART VDP AT 2.37 DME.  
DISTANCE VDP TO THLD 1.30 NM.  
CHART CIRCLING ICON.

MINIMUMS:

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

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

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 01	214	1800	200	214	1800	200	214	1800	200	214	1800	200			
S-LOC 01	480	2400	466	480	2400	466	480	5000	466	480	5000	466			
CIRCLING	720	1	706	900	1 1/4	886	900	2 3/4	886	900	3	886			

CHANGES - REASONS

1. TERMINAL ROUTES: COURSE CHANGED FROM 006.49 TO 006.50 - LOC DATA CHANGED.
2. PROFILE: LINE 3: FAC CHANGED FROM 6.49 TO 6.50 - LOC DATA CHANGED.
3. PROFILE: LINE 4: REMOVED ASTERISK FROM JARAL - NO LONG REQUIRED.
4. EQUIPMENT REQUIREMENTS NOTES: ADDED RADAR AND DME REQUIRED NOTE - PER 8260.19.
5. NOTES: DELETED NOTE DME REQUIRED - ADDED IT TO EQUIPMENT REQUIREMENTS NOTES SECTION OF FORM.
6. NOTES: CHANGED NOTE SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH TO SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL - USE OF HUD TO DH NO LONGER NEEDED.
7. NOTES: CHANGED NOTE CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 1 CATS C AND D VISIBILITY TO 1 3/8 MILE TO CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 1 CATS C AND D VISIBILITY TO 1 3/8 SM - PER 8260.19.
8. ADDITIONAL FLIGHT DATA: DELETED CHART NOTE "CIRCLING TO RWY 4 NA AT NIGHT" - NO 20:1 PENETRATING OBSTACLES.
9. ADDITIONAL FLIGHT DATA: VDP NOTE CHANGED FROM "CHART VDP AT 2.39 DME" TO "CHART VDP AT 2.37 DME" - PER TARGETS.
10. ADDITIONAL FLIGHT DATA: DELETED PLANVIEW NOTE: RADAR REQUIRED - ADDED IT TO EQUIPMENT REQUIREMENTS NOTES SECTION OF FORM.
11. ALTERNATE MINS CHANGED FROM ILS: CAT A, B 800-2, CAT C 900-2 1/2, CAT D 900-3; LOC: STANDARD - CAT C 900-2 1/2, CAT D 900-3 TO ILS: STANDARD; LOC: STANDARD - CAT B 900-2, CAT C 900-2 3/4, CAT D 900-3 - NEW CONTROLLING OBSTACLES.
12. CIRCLING MINIMUMS CHANGED FROM CAT B MDA 720/HAA 706, CAT C MDA 840/HAA 826 TO CAT B/C MDA 900/HAA 886 - NEW CONTROLLING OBSTACLES.
13. CIRCLING: CAT B VISIBILITY CHANGED FROM 1 TO 1 1/4; CAT C CHANGED FROM 2 1/2 TO 2 3/4 - NEW CONTROLLING OBSTACLE.
14. COORDINATED WITH: DELETED ATA IN OTHER AND MARKED A4A - ATA CHANGED TO A4A.



**AIRPORT ID**  
KDCA

**PROCEDURE NAME**  
ILS OR LOC RWY 1  
ILS RWY 1 (SA CAT I),  
ILS RWY 1 (CAT II)

**ORIGINAL/AMENDMENT**  
41D

**CITY**  
WASHINGTON

**STATE**  
DC

**COORDINATED WITH:**

**A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZDC, DCA APCH, DCA ATCT, AMGR

**FLIGHT CHECKED BY**  
NATHAN J CHOTT

*Digitally signed by*  
**JASON KRETSCHMER**  
Dec 15, 2022

**OFFICE**  
FPO

**DATE**  
12/13/2022

**DEVELOPED BY**  
STEVEN DOUGHERTY

*Digitally signed by*  
**JASON KRETSCHMER**  
Nov 10, 2022

**OFFICE**  
AJV-A421

**DATE**  
11/01/2022

**APPROVED BY**  
JASON KRETSCHMER

*Digitally signed by*  
**JASON KRETSCHMER**  
Nov 10, 2022

**OFFICE**  
AJV-A421

**DATE**

**TITLE**  
MANAGER

