

**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><b>AIRPORT ID</b></u> KAFJ	<u><b>PROCEDURE NAME</b></u> ILS OR LOC RWY 27	<u><b>ORIGINAL/AMENDMENT</b></u> 1D	<u><b>CITY</b></u> WASHINGTON	<u><b>STATE</b></u> PA		
<u><b>AIRPORT ELEVATION</b></u> 1184	<u><b>TDZE</b></u> 1184	<u><b>SUPERSEDED</b></u> ILS OR LOC RWY 27	<u><b>ORIGINAL/AMENDMENT</b></u> 1C	<u><b>DATED</b></u> 03/26/2020	<u><b>MAG VAR</b></u> 8W	<u><b>EPOCH YEAR</b></u> 1990
<u><b>FACILITY</b></u> I-AFJ	<u><b>COORDINATES OF FACILITIES</b></u>	<u><b>ACTUAL EFFECTIVE DATE</b></u> 2 DECEMBER 2021	<u><b>REQUIRED EFFECTIVE DATE</b></u> ROUTINE	<u><b>CANCEL/SUSPEND</b></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>
HLG VOR/DME		KEYRE/I-AFJ 12.37 DME					111.36	25.45	3100
KEYRE/I-AFJ 12.37 DME	IF/IAF	ANUYE/I-AFJ 6.31 DME					273.04	6.07 (I-AFJ)	3000

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: I-AFJ 0.90 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1700 THEN CLIMBING RIGHT TURN TO 3300 DIRECT HLG VOR/DME AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- PT      SIDE OF COURSE      OUTBOUND      FT WITHIN      MILES OF      (IAF)
- HOLD E KEYRE, RT, 273.04 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 5000.
- FAC: 273.04      FAF: ANUYE/I-AFJ 6.31 DME      DIST FAF TO MAP:      DIST FAF TO THLD: 5.41
- MIN ALT:      KEYRE/I-AFJ 12.37 DME 3000, ANUYE/I-AFJ 6.31 DME 3000, CIYAK/I-AFJ 3.24 DME 1980
- DIST TO THLD FROM FAF: 5.41      MM:      IM:      150 HAT:      GS ANT: 1034
- MIN GS INCPT: 3000      GS ALT AT FAF: ANUYE/I-AFJ 6.31 DME 3000      OM:      MM:      IM:
- GP ANGLE: 3.09      34:1:      20:1:      TCH: 56.9
- MSA FROM:      HLG VOR/DME 3100

**EQUIPMENT REQUIREMENTS NOTES:**

DME REQUIRED.  
RADAR REQUIRED FOR PROCEDURE ENTRY.



**NOTES:**

CHART NOTE: CIRCLING NA FOR CAT D N OF RWY 9-27.

CHART NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 NOT AUTHORIZED.

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

**ADDITIONAL FLIGHT DATA:**

HOLD NE, LT, 223.00 INBOUND.

CHART FAS OBST: 1522 TOWER (42-001796) 400813N/0801332W.

CHART VDP AT 2.57 DME

DISTANCE VDP TO THLD 1.67 NM.

CHART CIRCLING ICON.

**MINIMUMS:**

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

ALTERNATE: NA ☒

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 27	1386	3/4	202	1386	3/4	202	1386	3/4	202	1386	3/4	202			
S-LOC 27	1780	1	596	1780	1	596	1780	1 3/4	596	1780	1 3/4	596			
CIRCLING	1800	1	616	2020	1 1/4	836	2020	2 1/2	836	2040	2 3/4	856			



**CHANGES - REASONS**

1. INCORPORATED CHANGES FROM P-NOTAMS FOR AMDT 1A, 1B, AND 1C INTO FORM - IAW 8260.19I PARA 8-3-4.C (3).
2. ADDED "MAX 5000" TO PROFILE LINE 2 - IAW 8260.19I PARA 8-6-7.B (2)
3. UPDATED LINE 4 FROM "KEYRE 3000, ANUYE 3000, CIYAK/1-AFJ 3.23 DME 1980\*" TO "KEYRE/I-AFJ 12.37 DME 3000, ANUYE/I-AFJ 6.31 DME 3000, CIYAK/I-AFJ 3.24 DME 1980" - REVISED FORMAT, DME MOVED 210' N & \* NO LONGER REQUIRED.
4. CHANGED VDP AT 2.57\* TO VDP AT 2.57 AND DISTANCE VDP TO THLD FROM 1.68 NM TO 1.67 - \* NO LONGER REQUIRED AND UPDATED DME DISTANCE.
5. INCREASED CIRCLINGMDA/HAA CAT B/C FROM 1980/796 TO 2020/836 - NEW OBSTACLES AND NEW CIRCLING CRITERIA.
6. CHANGED S-LOC 27 MINIMUMS FROM 1980/794 TO 1780/596, VIS CAT B FROM 1 1/4 TO 1, CAT C/D FROM 2 1/2 TO 1 3/4 - WITH DME REQUIRED CIYAK FIX MINS NOT REQUIRED AND REMOVED, THEN APPLIED THE OLD CIYAK FIX MINIMUMS S-LOC 27 MINS TO THE S-LOC 27 MINS. OVERALL S-LOC 27 MINIMUMS NOT LOWERED.
7. INCREASED ILS DA/HAT FROM "1384/200" TO "1386/202" - UPDATED MISSED APPROACH CONTROLLING OBSTACLE DATA.
8. REMOVED "CHART NOTE: NIGHT LANDING: RWY 9 NA" - OBSTACLES ARE LIT.
9. REMOVED "34:1 NOT CLEAR" - NOT REQUIRED FOR ILS PROCEDURES.
10. REMOVED "OR AS DIRECTED BY ATC" FROM MISSED APPROACH- 8260.19I 8-6-6.
11. REMOVED "\*LOC ONLY" FROM ADDITIONAL FLIGHT DATA - 8260.19I 8-6-10 (M).
12. UPDATED CHART NOTE: FROM "VISIBILITY REDUCTION BY HELICOPTERS NA." TO "CHART NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED." - 8260.19I 8-6-11K(3).
13. UPDATED CHART PROFILE 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})." - 8260.19I 8-6-9.
14. UPDATED CHART FAS OBST: FROM "CHART FAS OBST: 1522 TOWER 400813N/0801332W" TO "1522 TOWER (42-001796) 400813N/0801332W." - 8260.19I 8-6-10.C.
15. ADDED CHART CIRCLING ICON- UPDATED TO NEW CIRCLING CRITERIA.
16. UPDATED ALTERNATE MINIMUMS: FROM "ILS: CAT A, B 800-2, CAT C 800-2 1/2, CAT D 900-2 3/4 - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD, CAT C 800-21/2, CAT D 900-2 3/4 - NA WHEN LOCAL WEATHER NOT AVAILABLE." TO "NA" - 8260.19I 2-4-6 C(1)
17. UPDATED LINE 8 MSA FROM "AGC VOR/DME 090-180 3800, 180-090 3100" TO "HLG VOR/DME 3100" - ATC REQUEST, AGC VOR/DME REMOVED
18. ADDED EQUIPMENT REQUIREMENTS NOTE "DME REQUIRED." - 8260.19I 8-6-8 A(2)A
19. ADDED EQUIPMENT REQUIREMENTS NOTE "RADAR REQUIRED FOR PROCEDURE ENTRY" - 8260.19I 8-6-9G
20. REMOVED TERMINAL ROUTES AGC VOR/DME TO KEYRE INT/I-AFJ 12.37 DME - ATC REQUEST
21. REMOVED CIYAK MINS AND ALL ASSOCIATED DATA - DME REQUIRED, CIYAK IS ALWAYS RECIEVED
22. UPDATED LINE 3 FAF FROM "ANUYE INT/1-AFJ 6.30 DME" TO "ANUYE/I-AFJ 6.31 DME" - UPDATED AIRNAV DATA
23. UPDATED LINE 6 GS ALT AT FAF FROM "ANUYE 3000" TO "ANUYE/I-AFJ 6.31 DME 3000" - 8260.19I 8-6-7 F(3)
24. UPDATED TERMINAL ROUTES FROM "KEYRE INT/1-AFJ 12.37 DME ANUYE INT/1-AFJ 6.30 DME" TO "KEYRE/I-AFJ 12.37 DME ANUYE/I-AFJ 6.31 DME" - DME MOVED 210' N AND REMOVED CROSSING RADIAL FOR KEYRE AND ANUYE INTERSECTION FIX MAKE-UP
25. REMOVED CHART NOTE "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WHEELING ALTIMETER SETTING AND INCREASE. ALL DA/MDA 40 FEET, INCREASE CIRCLING VISIBILITY CAT A AND D 1/4 MILE; CIYAK FIX MINIMUMS: INCREASE VISIBILITY S-LOC 27 CATS C AND D 1/8 MILE. CIRCLING CAT C 1/8 MILE AND CAT D 1/4 MILE." - INFORMATION UPDATED AND MOVED TO 8260-9 CONTINGENCY NOTE.
26. UPDATED MAP LOC FROM "5.41 MILES AFTER ANUYE INT/1-AFJ 6.30 DME OR AT I-AFJ 0.88 DME FIX" TO "LOC: I-AFJ 0.90 DME" - DME MOVED 210' N AND DME NOW REQUIRED SO TIME/DISTANCE TABLE NO LONGER REQUIRED.
27. REMOVED ALTERNATE MISSED APPROACH AND ALL ASSOCIATED DATA - ATC REQUEST
28. REMOVED LINE 3 DIST FAF TO MAP - 8260.19I 8-6-7 C(3)
29. ADDED LINE 5 "DIST TO THLD FROM FAF: 5.41" - 8260.19I 8-6-7E
30. REMOVED "NOTE: VDP NA WHEN USING WHEELING ALTIMETER SETTING." AND "\*\*2020 WHEN USING WHEELING ALTIMETER SETTING" - MOVED TO 8260-9 FOR CONTINGENCY.
31. REMOVED "CHART IN PLANVIEW: AGC VOR/DME." AND "CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW AGC VOR/DME, RT, 057.171 NBOUND" - AGC REMOVED FROM APPROACH.
32. AFJ DME 400811.23N/0801802.60W

07/15/2021: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 03/19/2021.

1. CIRCLING NA FOR CAT D N OF RWY 9-27.



AIRPORT ID  
KAFJ

PROCEDURE NAME  
ILS OR LOC RWY 27

ORIGINAL/AMENDMENT  
1D

CITY  
WASHINGTON

STATE  
PA

**COORDINATED WITH:**

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZOB, PIT APP CON, AIRPORT MANAGER

*Digitally signed by*

**FLIGHT CHECKED BY**  
JEREMY RYAN VIRTIS

**DONALD H LANIER**  
Jul 22, 2021

**OFFICE**  
FIOG

**DATE**  
06/24/2021

**DEVELOPED BY**  
DONALD H. LANIER (COLE NESBITT)

*Digitally signed by*  
**DONALD H LANIER**

**OFFICE**  
AJV-A431

**DATE**  
03/19/2021

**APPROVED BY**  
LONNIE EVERHART

*Digitally signed by* Jul 22, 2021  
**DONALD H LANIER**  
Jul 22, 2021

**OFFICE**  
AJV-A430

**DATE**

**TITLE**  
MANAGER

QUALITY  
18  
CHECKED