

**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.

<b><u>AIRPORT ID</u></b> KCGF	<b><u>PROCEDURE NAME</u></b> ILS OR LOC RWY 24	<b><u>ORIGINAL/AMENDMENT</u></b> 16C	<b><u>CITY</u></b> CLEVELAND	<b><u>STATE</u></b> OH		
<b><u>AIRPORT ELEVATION</u></b> 876	<b><u>TDZE</u></b> 873	<b><u>SUPERSEDED</u></b> ILS OR LOC RWY 24	<b><u>ORIGINAL/AMENDMENT</u></b> 16B	<b><u>DATED</u></b> 09/10/2020	<b><u>MAG VAR</u></b> 8W	<b><u>EPOCH YEAR</u></b> 1995
<b><u>FACILITY</u></b> I-CGF	<b><u>COORDINATES OF FACILITIES</u></b>	<b><u>ACTUAL EFFECTIVE DATE</u></b> 27 JANUARY 2022	<b><u>REQUIRED EFFECTIVE DATE</u></b> ROUTINE	<b><u>CANCEL/SUSPEND</u></b>		

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
WEIDS	IAF	EBLIS INT/I-CGF 13.43 DME/RADAR		TF	FB	1.00	269.73	7.11	3000
EBLIS INT/I-CGF 13.43 DME/RADAR	IF	IMUSY INT/I-CGF 9.00 DME					237.48	4.43 (I-CGF)	3000
IMUSY INT/I-CGF 9.00 DME		KROOK INT/I-CGF 5.25 DME					237.48	3.75 (I-CGF)	2300

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: 4.34 NM AFTER KROOK INT/I-CGF 5.25 DME OR AT I-CGF 0.91 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1600 THEN CLIMBING LEFT TURN TO 3100 ON CXR VOR/DME R-286 TO CXR VOR/DME AND HOLD.

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

CLIMB TO 1600 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 180 AND ON DJB VOR/DME R-096 TO WEXER INT/DJB 35.52 DME AND HOLD.

**PROFILE:**

1. PT      SIDE OF COURSE      OUTBOUND      FT WITHIN      MILES OF (IAF)
2. PROFILE STARTS AT EBLIS
3. FAC: 237.48      FAF: KROOK INT/I-CGF 5.25 DME      DIST FAF TO MAP: 4.34      DIST FAF TO THLD: 4.34
4. MIN ALT: EBLIS INT/I-CGF 13.43 DME/RADAR 3000, IMUSY INT/I-CGF 9.00 DME 3000, KROOK INT/I-CGF 5.25 DME 2300
5. DIST TO THLD FROM OM:      MM:      IM:      150 HAT:      GS ANT: 925
6. MIN GS INCPT: 2300      GS ALT AT PFAF: KROOK INT/I-CGF 5.25 DME 2300      OM:      MM:      IM:
7. GP ANGLE: 3.00      34:1:      20:1:      TCH: 44.0
8. MSA FROM: CXR VOR/DME 3100



**EQUIPMENT REQUIREMENTS NOTES:**

RNP APCH-GPS. FROM WEIDS.  
RNAV 1-GPS OR RADAR REQUIRED FOR PROCEDURE ENTRY.  
AIRCRAFT NOT GPS EQUIPPED - RADAR REQUIRED FOR PROCEDURE ENTRY.

**NOTES:**

CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 1513.  
CHART NOTE: RWY 24 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART NOTE: FOR INOPERATIVE ALS INCREASE S-LOC CATS C/D VISIBILITY TO 1 SM.

**ADDITIONAL FLIGHT DATA:**

HOLD W, RT, 106.00 INBOUND.  
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD E WEXER INT/DJB 35.52 DME, RT, 275.89 INBOUND.  
FAS OBST: 989 AAO 413602N/0812522W.  
CHART VDP AT 1.92 DME  
DISTANCE VDP TO THLD 1.01 NM.  
CHART IN PLANVIEW: WEXER INT/DJB 35.52 DME.  
CHART CIRCLING ICON.

**MINIMUMS:**

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

**ALTERNATE:** NA  ILS: STANDARD; LOC: STANDARD - CAT D 800-2 1/2

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
S-ILS 24	1073	1/2	200	1073	1/2	200	1073	1/2	200	1073	1/2	200			
S-LOC 24	1240	1/2	367	1240	1/2	367	1240	5/8	367	1240	5/8	367			
CIRCLING	1400	1	524	1500	1	624	1560	2	684	1620	2 1/2	744			

**CHANGES - REASONS**

1. CHANGED INITIAL SEGMENT FIX MAKEUP FROM "EBLIS" TO "EBLIS INT/1-CGF 13.43 DME/RADAR" - IAW 8260.19I, 8-2-6.
2. ADDED "RNP APCH-GPS. FROM WEIDS" TO PBN/EQUIPMENT REQUIREMENT NOTES - IAW 8260.19I, 8-6-8(B).
3. CHANGED CHART NOTE FROM "AUTOPILOT COUPLED APPROACH NA BELOW 2020 FT MSL" TO "AUTOPILOT COUPLED APPROACH NA BELOW 1513 FT MSL" - FDC NOTAM 1/5870 UPDATED ALTITUDE RESTRICTION.
4. DELETED "\*\*LOC ONLY" IN ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED IAW 8260.19I.



**COORDINATED WITH:**

**A4A**  **ALPA**  **AOPA**  **APA**  **HAI**  **NBAA**  **OTHER:** ZOB ARTCC, CLE ATCT, CGF ATCT, AMGR

**FLIGHT CHECKED BY**

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

**OFFICE**

**DATE**

**DEVELOPED BY**

DONALD H. LANIER (PARNELL PRASSADA)

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

*Digitally signed by*  
**DONALD H LANIER**  
Sep 24, 2021

**OFFICE**

AJV-A431

**DATE**

01/27/2022

**APPROVED BY**

LONNIE EVERHART

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

Sep 24, 2021

**OFFICE**

AJV-A430

**DATE**

**TITLE**  
MANAGER

