

**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> CLE	<u>PROCEDURE NAME</u> ILS OR LOC RWY 6R ILS RWY 6R (SA CAT II)	<u>ORIGINAL/AMENDMENT</u> 23	<u>CITY</u> CLEVELAND	<u>STATE</u> OH
<u>AIRPORT ELEVATION</u> 800	<u>TDZE</u> 6R 777 6L 773	<u>SUPERSEDED</u> ILS OR LOC RWY 6R ILS RWY 6R (SA CAT II)	<u>ORIGINAL/AMENDMENT</u> 22	<u>DATED</u> 05/24/2018
<u>FACILITY</u> I-CLE	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 19 MARCH 2026	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>

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>
GROHL	IAF	SHEEP		TF	FB	1.00	359.00	6.74	3900
SHEEP		DOORZ		TF	FB	1.00	037.84	2.96	2900
HICKR	IAF	DAUGS		TF	FB	1.00	140.32	4.97	4000
DAUGS		DOORZ		TF	FB	1.00	079.96	3.41	2900
RUHSH/I-CLE 17.86 DME	IAF	RMONZ/I-CLE 11.68 DME					057.94 (I-CLE)	6.18	4000
RMONZ/I-CLE 11.68 DME		DOORZ/I-CLE 8.18 DME					057.94 (I-CLE)	3.50	2900
DOORZ/I-CLE 8.18 DME	IF	DILYN/I-CLE 5.18 DME					057.94 (I-CLE)	3.00	2000
DILYN/I-CLE 5.18 DME	FAF	I-CLE 1.61 DME	MAP				057.94	3.57	
I-CLE 1.61 DME	MAP	977 MSL		CA			057.94		
977 MSL		MOMBE		DF	FB	1.00			
MOMBE		NEIL		TF	FO	1.00	099.37	6.65	3000

MISSED APPROACH

MAP:

ILS: DA
LOC: I-CLE 1.61 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT MOMBE AND ON TRACK 099.37 TO NEIL AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
31
CHECKED

PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2.	PROFILE STARTS AT DOORZ/I-CLE 8.18 DME					
3.	FAC:	057.94	FAF:	DILYN/I-CLE 5.18 DME	DIST FAF TO MAP:	DIST FAF TO THLD: 3.57
4.	MIN ALT:	DOORZ/I-CLE 8.18 DME 2900, DILYN/I-CLE 5.18 DME 2000				
5.	DIST TO THLD FROM OM:	MM:	IM:	100 HAT: 947	150 HAT:	GS ANT: 1020
6.	MIN GS INCPT:	2000	GS ALT AT PFAF:	DILYN/I-CLE 5.18 DME 2000	OM:	MM:
7.	GS ANGLE:	3.10	34:1:	20:1:	TCH: 58.4	IM:
8.	MSA FROM:	DJB VOR/DME 3100				

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

SA CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 6R: CAT A, B, C, D, RA 100, RVR 1200, HAT 100, DA 877 MSL
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: CIRCLING RWY 10 NA AT NIGHT.
SA CAT II CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED. SIMULTANEOUS OPERATIONS REQUIRE USE OF VERTICAL GUIDANCE; MAINTAIN LAST ASSIGNED ALTITUDE UNTIL ESTABLISHED ON GLIDESLOPE.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO SIDESTEP 6L.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 6R CATS C/D VISIBILITY TO 1 3/8 SM.
CHART SPEED ICON IN PLANVIEW AT GROHL: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT HICKR: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT RUHSH: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 279.00 INBOUND.
CHART FAS OBST: 922 POLE (39-118018) 412229N/0815443W.
CHART VDP AT 2.93 DME.
DISTANCE VDP TO THLD 1.31 NM.
CHART MANDATORY 6000 AT GROHL.
CHART MANDATORY 5000 AT HICKR.
CHART AT OR ABOVE 6000 AT RUHSH.

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 06R	977	1800	200	977	1800	200	977	1800	200	977	1800	200			
S-LOC 06R	1260	2400	483	1260	2400	483	1260	5000	483	1260	5000	483			
SIDESTEP 06L	1260	1 1/2	487	1260	1 1/2	487	1260	1 1/2	487	1260	2	487			
CIRCLING	1420	1	620	1420	1	620	1420	1 3/4	620	1420	2	620			

QUALITY
31
CHECKED

CHANGES - REASONS

1. REMOVED CAPTURE FIX POAST. - PER FPR REQUEST; WAIVER SUBMITTED.
2. UPDATED SIDESTEP 06L CAT A/B VISIBILITY FROM RVR 5500 TO 1 1/2 SM. - IAW 8260.3G TABLE 3-3-1.
3. UPDATED MISSED APPROACH INSTRUCTION FROM "CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 3100 ON CXR VOR/DME R-265 TO NEIL/CXR 21.51 DME AND HOLD" TO "CLIMB TO 3000 DIRECT MOMBE AND ON TRACK 099.37 TO NEIL AND HOLD." - CXR VORMON; UPDATED TO MATCH RNAV (GPS) Y RWY 6R.
4. REMOVED ALTERNATE MISSED APPROACH: CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 3100 ON DJB VOR/DME R-082 TO NEIL/DJB 24.57 DME AND HOLD. - PER FPT REQUEST.
5. UPDATED ADDITIONAL FLIGHT DATA: MA HOLD FROM HOLD E, RT, 264.73 INBOUND TO HOLD E, RT, 279.00 INBOUND. - NEW MISSED APPROACH PER FPT REQUEST.
6. REMOVED ADDITIONAL FLIGHT DATA: CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD E NEIL/DJB 24.57 DME, RT, 261.57 INBOUND. - ALTERNATE MISSED APPROACH REMOVED.
7. UPDATED FAS OBST FROM 999 AAO 412155N/081555W TO 922 POLE (39-118018) 412229N/0815443W. - NEW LOC FINAL CONTROLLING OBSTACLE.
8. UPDATED CHART VDP FROM "AT 2.99 DME"; DISTANCE VDP TO THLD 1.38 NM. *LOC ONLY." TO "AT 2.93 DME. DISTANCE VDP TO THLD 1.31 NM." - NEW EVALUATION COMPLETED; *LOC ONLY NOT REQUIRED.
9. UPDATED SA CAT II CHART NOTE: 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." - IAW 8260.19K 8-6-12 M(2).
10. UPDATED ADDITIONAL FLIGHT DATA FROM CHART MINIMUM 6000 AT RUHSH TO CHART AT OR ABOVE 6000 AT RUHSH. - IAW 8260.19K 8-6-11 N.
11. PBN REQUIREMENTS NOTE: REMOVED RNAV 1; ADDED RNP APCH - GPS. - RNAV 1 USED FOR FEEDERS, NOT INITIALS SEGMENTS IAW 8260.19K 8-6-8 D.

10/02/2025: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 07/25/2025.

1. TERMINAL ROUTES: REMOVED ROUTE FROM DILYN/I-CLE 5.18 DME TO RW06R.
2. TERMINAL ROUTES: ADDED DISTANCE 6.65 NM TO ROUTE FROM MOMBE TO NEILL.
3. PROFILE LINE 4: REMOVED "GROHL 6000, HICKR 5000, RUHSH/I-CLE 17.86 DME 6000".
4. PRN REQUIREMENTS: REMOVED "FROM GROHL, HICKR, AND RUHSH: RNAV 1-DME/DME/IRU OR GPS REQUIRED FOR PROCEDURE ENTRY. AIRCRAFT NOT DME/DME/IRU OR GPS EQUIPPED - RADAR REQUIRED FOR PROCEDURE ENTRY."
5. EQUIPMENT REQUIREMENTS: REMOVED NOTE "DME REQUIRED."

COORDINATED WITH:

A4A☒ALPA☒AOPA☒APA☒HAI☐NBAA☒OTHER: ZOB, CLE APP CON, CLE ATCT, AMGR

FLIGHT CHECKED BY
KENNETH EARL JACK

Digitally signed by
CASIMIR L TABAKA
Oct 03, 2025

OFFICE
FIOG
DATE
09/27/2025

DEVELOPED BY
CASIMIR L. TABAKA (BARBARA GORMAN)

Digitally signed by
CASIMIR L TABAKA
Oct 03, 2025

OFFICE
AJV-A432
DATE
07/25/2025

APPROVED BY
CASIMIR L. TABAKA

Digitally signed by
CASIMIR L TABAKA
Oct 03, 2025

OFFICE
AJV-A430
DATE
TITLE
MANAGER

