

**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> KILN	<u>PROCEDURE NAME</u> ILS OR LOC RWY 22L ILS RWY 22L (SA CAT I), ILS RWY 22L (CAT II)	<u>ORIGINAL/AMENDMENT</u> ORIG-D	<u>CITY</u> WILMINGTON	<u>STATE</u> OH			
<u>AIRPORT ELEVATION</u> 1077	<u>TDZE</u> 1077	<u>SUPERSEDED</u> ILS OR LOC RWY 22L ILS RWY 22L (CAT II)	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>DATED</u> 01/30/2020	<u>MAG VAR</u> 7W	<u>EPOCH YEAR</u> 2025	
<u>FACILITY</u> I-RHX	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 17 JUNE 2021	<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>
LEFTE/I-RHX 18.00 DME/RADAR	IAF	QUAKR/I-RHX 11.00 DME/RADAR					224.32	7.00 (I-RHX)	4000
QUAKR/I-RHX 11.00 DME/RADAR	IF	DURRA/I-RHX 6.00 DME/RADAR					224.32	5.00 (I-RHX)	2600

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.35 NM AFTER DURRA/I-RHX 6.00 DME/RADAR OR AT I-RHX 1.65 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 4000 ON MXQ VOR/DME R-200 TO ERLEY/MXQ 10.00 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)				
2. PROFILE STARTS AT QUAKR									
3. FAC:	224.32	FAF: DURRA/I-RHX 6.00 DME/RADAR	DIST FAF TO MAP: 4.35			DIST FAF TO THLD: 4.35			
4. MIN ALT:	QUAKR/I-RHX 11.00 DME/RADAR 4000, DURRA/I-RHX 6.00 DME/RADAR 2600								
5. DIST TO THLD FROM OM:	MM:	IM: 877	100 HAT: 868	150 HAT: 1822	GS ANT: 1095				
6. MIN GS INCPT:	4000	GS ALT AT FAF : DURRA/I-RHX 6.00 DME/RADAR 2535			OM:	MM:	IM: 1178		
7. GP ANGLE:	3.00	34:1:	20:1:	TCH: 55.0					
8. MSA FROM:	MXQ VOR/DME 360-270 2700, 270-360 3100								



EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED FOR MISSED APPROACH.
RADAR REQUIRED FOR PROCEDURE ENTRY.

NOTES:

SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 22L: CAT A, B, C, D, RA 152, RVR 1600, HAT 150, DA 1227 MSL.
CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 22L: CAT A, B, C, D, RA 98, RVR 1200, HAT 100, DA 1177 MSL.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
SA CAT I/CAT II CHART NOTE: PROCEDURE NA WHEN TOWER CLOSED.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 22L CATS A/B VISIBIITY TO RVR 5500.

ADDITIONAL FLIGHT DATA:

DEPICT LOC RWY 22R.
CHART: BUCKEYE MOA & BRUSH CREEK MOA.
HOLD N, RT, 200.00 INBOUND.
CHART FAS OBST: 1194 TREES 392646N/0834601W.
CHART VDP AT 2.63 DME
DISTANCE VDP TO THLD 0.98 NM.
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA



ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - CAT C 800-2 1/4, CAT D 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE.

<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 22L	1277	1800	200	1277	1800	200	1277	1800	200	1277	1800	200			
S-LOC 22L	1460	2400	383	1460	2400	383	1460	3500	383	1460	3500	383			
CIRCLING	1540	1	463	1540	1	463	1860	2 1/4	783	1860	2 1/2	783			

CHANGES - REASONS

1. MAG/VAR CHANGED FROM W6 TO W7 - AIS GENERATED REQUEST TO ALIGN WITH RUNWAY AND AIRPORT DUE TO CAT 2 PROCEDURE.
2. INITIAL, INTERMEDIATE, AND FINAL COURSE CHANGED FROM 223.32 TO 224.32 - MAG/VAR CHANGED BY 1 DEGREE.
3. DELETED BACKUP ALTIMETER SETTING NOTE AND MINIMUMS - MOVED TO 8260-9 FOR ISSUANCE BY NOTAM WHEN NEEDED.
4. ADDED PRIMARY ALTIMETER INOPERATIVE ALS NOTE - PILOT REFERENCE.
5. ADDED VGSI NOT COINCIDENT NOTE - VGSI/TCH DIFFERENCE EXCEEDS 3 FEET.
6. UPDATED MISSED APPROACH INSTRUCTIONS BY CHANGING VIA TO ON - CORRECT VERBIAGE
7. ADDED (IF) TO PROCEDURE - PROVIDE REFERENCE WHERE INTERMEDIATE STARTS.
8. ADDED VDP - FINAL FACILITY HAS DME SOURCE.
9. MOVED DME REQUIRED AND RADAR REQUIRED NOTES TO EQUIPMENT REQUIRED NOTES - NEW CRITERIA REQUIREMENT.
10. ADDED ILS STANDARD TO ALTERNATE MINS - INCORPORATE PRECISION AUTHORIZED MINS.
11. REMOVED "WITH RWY 22R" FROM SIMULTANEOUS APPROACH AUTHORIZATION - NO LONGER REQUIRED, ONLY ONE RUNWAY PARALLEL TO RWY 22R.
12. REMOVED CHARTING OF SUBDUED AIRBO LOM - NO LONGER REQUIRED.
13. ADDED SA CAT I PROCEDURE - MOVED 150 FT HAT MINS FROM CAT II, SA CAT I NOW AUTHORIZED.
14. ADDED SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL - EQUIPMENT REQUIREMENT FOR SA CAT I PROCEDURE.
15. ADDED SA CAT I CHART NOTE: PROCEDURE NA WHEN TOWER CLOSED - TRANSFERED FROM CAT II PROCEDURE DUE TO MONITORING NA WHEN TOWER CLOSED.
16. CHANGED LINE 5 100 FT HAT VALUE FROM 859 TO 868 - UTILIZED CURRENT FAAO 8260.3 FORMULA.
17. ADDED LINE 5 150 HAT VALUE - ADDED SA CAT I PROCEDURE.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZID, DAY ATCT, ILN ATCT, AMGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE**DATE****DEVELOPED BY**

Digitally signed by

KELLY DEAN

KELLY D DEAN

Mar 04, 2021

Digitally signed by

DONALD H LANIER

Mar 10, 2021

OFFICE

AJV-A431

DATE

02/08/2021

APPROVED BY

LONNIE EVERHART

Digitally signed by

DONALD H LANIER

Mar 10, 2021

OFFICE

AJV-A430

DATE

TITLE
MANAGER

QUALITY
20
CHECKED