

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 4L	<u>ORIGINAL/AMENDMENT</u> 4E	<u>CITY</u> WILMINGTON	<u>STATE</u> OH		
<u>AIRPORT ELEVATION</u> 1077	<u>TDZE</u> 1057	<u>SUPERSEDED</u> ILS OR LOC RWY 4L	<u>ORIGINAL/AMENDMENT</u> 4D	<u>DATED</u> 01/30/2020	<u>MAG VAR</u> 7W	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> I-HWM	<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>
CVG VORTAC	IAF	RHYNO/RADAR					074.20	33.98	4000*
FLM VOR/DME	IAF	RHYNO/RADAR					026.25	36.06	4000*
RHYNO/RADAR	IF	KNITE/RADAR					044.30	7.19 (I-HWM)	4000*
KNITE/RADAR		CUBLA LOM/RADAR					044.30	3.87 (I-HWM)	2800

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.02 NM AFTER CUBLA LOM/RADAR

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1600 THEN CLIMBING LEFT TURN TO 4000 ON MXQ VOR/DME R-030 TO BUNSS/MXQ 10.00 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT RHYNO
- FAF: 044.30 FAF: CUBLA LOM/RADAR DIST FAF TO MAP: 5.02 DIST FAF TO THLD: 5.02
- MIN ALT: RHYNO/RADAR 4000*, KNITE/RADAR 4000*, CUBLA LOM/RADAR 2800
- DIST TO THLD FROM OM: 5.02 MM: 0.42 IM: 150 HAT: GS ANT: 900
- MIN GS INCPT: 2800 GS ALT AT FAF: OM: 2725 MM: 1241 IM:
- GP ANGLE: 3.00 34:1: 20:1: TCH: 51.0
- MSA FROM: HW NDB 003-273 2700, 273-003 3100



EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.
RADAR REQUIRED TO DEFINE RHYNO AND KNITE.

NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 4L CATS A/B VISIBILITY TO RVR 5500 AND CATS C/D VISIBILITY TO RVR 6000.
CHART PROFILE NOTE: *2800 WHEN AUTHORIZED BY ATC.

ADDITIONAL FLIGHT DATA:

DEPICT LOC RWY 4R.
HOLD NE, RT, 210.00 INBOUND.
CHART FAS OBST: 1201 TREES 392341N/0834919W.
CHART 1473 TOWER 392904N/0834801W.
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA

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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 04L**	1257	2400	200	1257	2400	200	1257	2400	200	1257	2400	200			
S-LOC 04L	1460	2400	403	1460	2400	403	1460	4000	403	1460	4000	403			
CIRCLING	1540	1	463	1540	1	463	1860	2 1/4	783	1860	2 1/2	783			

CHANGES - REASONS

1. MAG/VAR CHANGED FROM W4 TO W7 - AIS GENERATED REQUEST TO ALIGN WITHIN 1 DEGREE.
2. MSA BEARINGS FROM HW LOM CHANGED FROM 360-270 2700, 270-360 3100 TO 003-273 2700, 273-003 3100 - MAG/VAR CHANGED BY 3 DEGREES.
3. INTERMEDIATE, INTERMEDIATE STEPDOWN, AND FINAL COURSE CHANGED FROM 041.30 TO 044.30 - MAG/VAR CHANGED BY 3 DEGREES.
4. DELETED BACKUP ALTIMETER SETTING NOTE - MOVED TO 8260-9 FOR ISSUANCE BY NOTAM WHEN NEEDED.
5. CHARTED 1800 RVR AUTHORIZATION FOR ILS MINIMUMS - DID NOT PUBLISH WHEN AMDT 4D P-NOTAM PUBLISHED.
6. ADDED PRIMARY ALTIMETER INOPERATIVE ALS NOTE - PILOT REFERENCE.
7. ADDED VGSI NOT COINCIDENT NOTE - VGSI/TCH DIFFERENCE EXCEEDS 3 FEET.
8. UPDATED MISSED APPROACH INSTRUCTIONS BY CHANGING VIA TO ON - CORRECT VERBIAGE.
9. ADDED ILS STANDARD TO ALTERNATE MINS - INCORPORATE PRECISION AUTHORIZED MINS.
10. REMOVED "WITH RWY 4R" FROM SIMULTANEOUS APPROACH AUTHORIZATION - NO LONGER REQUIRED, ONLY ONE RUNWAY PARALLEL TO RWY 4L.



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

KELLY DEAN

Digitally signed by

KELLY D DEAN

DONALD H LANIER

Mar 10, 2021

OFFICE

AJV-A431

DATE

02/03/2021

APPROVED BY

LONNIE EVERHART

Mar 08, 2021

Digitally signed by

DONALD H LANIER

Mar 10, 2021

OFFICE

AJV-A430

DATE

TITLE
MANAGER

