

**FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
 TITLE 14 CFR PART 97.33**

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> RNAV (GPS) RWY 4L	<u>ORIGINAL/AMENDMENT</u> ORIG-D	<u>CITY</u> WILMINGTON	<u>STATE</u> OH		
<u>AIRPORT ELEVATION</u> 1077	<u>TDZE</u> 1057	<u>SUPERSEDED</u> RNAV (GPS) RWY 4L	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>DATED</u> 01/30/2020	<u>MAG VAR</u> 7W	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 17 JUNE 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 314/30 CW 134/30	NOPT	CHMLE	IF/IAF	3000
2. 134/30 CW 224/30		GOLYI	IAF	3100
3. 224/30 CW 314/30		FEIAT	IAF	3000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
GOLYI	IAF	CHMLE	NOPT	TF	FB	1.00	134.16	5.00	3000
FEIAT	IAF	CHMLE	NOPT	TF	FB	1.00	314.26	5.00	3000
CHMLE	IF/IAF	LYMEE		TF	FB	0.50	044.21	6.05	2800
LYMEE	FAF	JAYEL/1.80 NM TO RW04L		TF	FB	0.30	044.26	3.45	
JAYEL		RW04L	MAP	TF	FO	0.30	044.26	1.80	
RW04L	MAP	1218 MSL		CA			044.26		
1218 MSL		WIZRD		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW04L

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT WIZRD AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



CHANGES - REASONS

1. MAG/VAR CHANGED FROM W4 TO W7 - AIS GENERATED REQUEST TO ALIGN WITHIN 1 DEGREE.
2. ALL COURSES TO INCLUDE TAA, INITIALS, HIL, INTERMEDIATE, AND FINAL COURSE INCREASED BY 3 DEGREES - MAG/VAR CHANGED BY 3 DEGREES.
3. DELETED BACKUP ALTIMETER SETTING NOTE - MOVED TO 8260-9 FOR ISSUANCE BY NOTAM WHEN NEEDED.
4. ADDED PRIMARY ALTIMETER INOPERATIVE ALS NOTE - PILOT REFERENCE.
5. REMOVED FAHRENHEIT VALUE FROM UNCOMPENSATED BARO-VNAV SYSTEM NOTE - NO LONGER REQUIRED.
6. CHANGED MAX UNCOMPENSATED BARO-VNAV SYSTEM NOTE VALUE FROM 46C TO 54C - NEW CALCULATION.
7. ADDED MAX HOLDING VALUE OF 6000 TO LINE 2 - NEW INFORMATIONAL REQUIREMENT BY CRITERIA.
8. ADDED PBN REQUIREMENTS NOTE - RNP APCH REQUIRED.
9. DELETED DME/DME-RNP 0.3 NA NOTE - REPLACED BY PBN REQUIREMENTS NOTE.
10. LNAV/VNAV ALL CATS VISIBILITY LOWERED FROM RVR 5000 TO RVR 4500 - APPLICATION OF NEW VISI TABLE.
11. LNAV CAT D VISIBILITY LOWERED FROM RVR 5000 TO RVR 4000 - APPLICATION OF NEW VISI TABLE.

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZID, ILN ATCT, DAY APP CON, 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**

Feb 23, 2021

Digitally signed by

DONALD H LANIER

Mar 10, 2021

OFFICE

AJV-A431

DATE

02/09/2021

APPROVED BY

Digitally signed by

LONNIE EVERHART **DONALD H LANIER**

Mar 10, 2021

OFFICE

AJV-A430

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KILN
RUNWAY	RW04L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	392509.6800N
LTP/FTP LONGITUDE	0834833.3900W
LTP/FTP ELLIPSOIDAL HEIGHT	+02882
FPAP LATITUDE	392634.2900N
FPAP LONGITUDE	0834710.2600W
THRESHOLD CROSSING HEIGHT (TCH)	00050.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0016
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	51728032

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03210
FPAP ORTHOMETRIC HEIGHT	+03210

