

**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> LEX	<u>PROCEDURE NAME</u> ILS OR LOC RWY 4	<u>ORIGINAL/AMENDMENT</u> 19	<u>CITY</u> LEXINGTON	<u>STATE</u> KY
<u>AIRPORT ELEVATION</u> 980	<u>TDZE</u> 969	<u>SUPERSEDED</u> ILS OR LOC RWY 4	<u>DATED</u> 01/25/2024	<u>MAG VAR</u> 4W
<u>FACILITY</u> I-LEX	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 1995
				<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>
MCREE/HYK 20.43 DME	IAF	SAAPP INT/15.26 DME					071.06 (HYK R-251)	5.17	2500
SAAPP INT/15.26 DME	IF	BLAYD INT					045.56 (I-LEX)	6.84	2500

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.71 NM AFTER BLAYD INT

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1400 THEN CLIMBING RIGHT TURN TO 3100 DIRECT HYK VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3100.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- PROFILE STARTS AT SAAPP INT/15.26 DME
- FAC:** 045.56 **FAF:** BLAYD INT **DIST FAF TO MAP:** 4.71 **DIST FAF TO THLD:** 4.71
- MIN ALT:** SAAPP INT/15.26 DME 2500, BLAYD INT 2500, JELID INT 1500
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:** 907
- MIN GS INCPT:** 2500 **GS ALT AT PFAF:** BLAYD INT 2500 **OM:** **MM:** **IM:**
- GS ANGLE:** 3:00 **34:1:** **20:1:** **TCH:** 59.7
- MSA FROM:** HYK VOR/DME 3100



PBN REQUIREMENTS NOTE:

DME REQUIRED FOR PROCEDURE ENTRY.

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SAAPP INT ON V171-178 SOUTHWEST BOUND.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FFT ALTIMETER SETTING: INCREASE S-ILS 4 DA TO 1231 FEET AND ALL VISIBILITIES TO RVR 4500; INCREASE ALL MDAS 80 FEET AND CIRCLING VISIBILITY CATS C AND D 1/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 304.00 INBOUND.
 CHART FAS OBST: 1045 TREE (21-032998) 380058N/0843738W.

MINIMUMS:

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

ALTERNATE: NA ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

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 04	1169	4000	200	1169	4000	200	1169	4000	200	1169	4000	200				
S-LOC 04	1340	5500	371	1340	5500	371	1340	5500	371	1340	5500	371				
CIRCLING	1440	1	460	1440	1	460	1520	1 1/2	540	1600	2	620				

CHANGES - REASONS

1. INCREASED ILS RVR (ALL CATS) FROM 1800 TO 4000 - REMOVED ALS FOR RWY 4.
2. INCREASED LOC RVR FROM 2400 (CAT AB) AND 3500 (CAT CD) TO 5500 (ALL CATS) - REMOVED ALS FOR RWY 4.
3. INCREASED CIRCLING CAT A MDA/HAA FROM 1420/441 TO 1440/460 - NEW CONTROLLING OBSTACLE.
4. DECREASED CIRCLING CAT B HAA FROM 461 TO 460, CAT C HAA FROM 541 TO 540, AND CAT D FROM 621 TO 620 - NEW AIRPORT SURVEY INCREASING AIRPORT ELEVATION.
5. REMOVED CHART CIRCLING ICON - PER CRITERIA.
6. CHANGED NOTE FROM "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FRANKFORT ALTIMETER SETTING: INCREASE S-ILS 4 DA TO 1231 FEET AND ALL VISIBILITIES TO RVR 2000; INCREASE ALL MDAS 80 FEET AND S-LOC 4 VISIBILITY CATS C AND D TO RVR 4500 AND CIRCLING VISIBILITY CATS C AND D 1/4 SM." TO "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FFT ALTIMETER SETTING: INCREASE S-ILS 4 DA TO 1231 FEET AND ALL VISIBILITIES TO RVR 4500; INCREASE ALL MDAS 80 FEET AND CIRCLING VISIBILITY CATS C AND D 1/4 SM." - REMOVED ALS FOR RWY 4.
7. REMOVED NOTE "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 4 CATS C AND D VISIBILITY TO RVR 5500." - REMOVED ALS FOR RWY 4.
8. CHANGED NOTE FROM "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SAAPP ON V171-178 SOUTHWEST BOUND." TO "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SAAPP INT ON V171-178 SOUTHWEST BOUND." - SAAPP IS IDENTIFIED AS AN INTERSECTION.
9. CHANGED CHART FAS OBST FROM 1078 POLE (21-001682) 380058N/0843718W TO CHART FAS OBST: 1045 TREE (21-032998) 380058N/0843738W - NEW SDF LOCATION/ALTITUDE.
10. CHANGED PROFILE START FROM SAAPP TO SAAPP INT - SAAPP IS IDENTIFIED AS AN INTERSECTION.
11. MOVED JELID 381.5 FEET SW - RNAV (GPS) RWY 4 HAS A NEW CONTROLLING AAO OBSTACLE.
12. INCREASED ALTITUDE AT JELID FROM 1480 TO 1500 - MAINTAIN GS WITH JELID'S MOVE FOR RNAV (GPS) RWY 4.
13. INCREASED AIRPORT ELEVATION FROM 979 TO 980 - NEW AIRPORT SURVEY.



AIRPORT ID
LEX

PROCEDURE NAME
ILS OR LOC RWY 4

ORIGINAL/AMENDMENT
19

CITY
LEXINGTON

STATE
KY

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA

OTHER: ZID, LEX APP CON, LEX ATCT, AMGR

FLIGHT CHECKED BY

Digitally signed by

OFFICE

DATE

ERIC L GEYER

ROBERT G HAMILTON

AJF

02/24/2026

Feb 25, 2026

Digitally signed by

DEVELOPED BY

ROBERT G HAMILTON

OFFICE

DATE

ALLAN WILL (TIMOTHY DUNN)

Feb 25, 2026

AJV-A33

08/01/2025

APPROVED BY

Digitally signed by

OFFICE

DATE

TITLE

KYLE THOMPSON

ROBERT G HAMILTON

AJV-A33

MANAGER

Feb 25, 2026



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u> LEX	<u>PROCEDURE NAME</u> ILS OR LOC RWY 4	<u>AMDT NO.</u> 19	<u>CITY</u> LEXINGTON	<u>STATE</u> KY	<u>AIRPORT ELEVATION</u> 980	<u>FACILITY</u> I-LEX
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PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM MCFEE/HYK 20.43 DME	TO SAAPP INT/15.26 DME
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<u>RNP</u>	<u>DISTANCE</u> 5.17	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	375112.00N/0844845.00W	1181	215	8	4B	1000					2200
TERRAIN	375112.00N/0844845.00W	980 (1000)								AS1500	2500

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:

INTERMEDIATE

FROM SAAPP INT/15.26 DME	TO BLAYD INT
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<u>RNP</u>	<u>DISTANCE</u> 6.84	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	375151.00N/0844851.00W	1165	215	8	4B	500					1700
TERRAIN	375406.00N/0844333.00W	964 (1000)								AS1500	2500

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:



AIRPORT ID
LEX

PROCEDURE NAME
ILS OR LOC RWY 4

AMDT NO.
19

CITY
LEXINGTON

STATE
KY

AIRPORT ELEVATION
980

FACILITY
I-LEX

FINAL: ILS

FROM
BLAYD INT

TO
RW04

RNP

DISTANCE
3.77

PAT

MAP
DA

HAT
200

HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				1169

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

947 FT MSL POLE (21-052138) IS A PENETRATION, BUT MEETS THE "ACCEPTABLE OBSTACLE" OBSTACLE DEFINITION OF 8260.3E 10-6-1.

FINAL: LOC

FROM
BLAYD INT

TO
JELID INT

RNP

DISTANCE
3.20

PAT

MAP

HAT

HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	375918.00N/0843951.00W	1145	215	8	4B	250				RA80 DG25	1500

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID
LEX

PROCEDURE NAME
ILS OR LOC RWY 4

AMDT NO.
19

CITY
LEXINGTON

STATE
KY

AIRPORT ELEVATION
980

FACILITY
I-LEX

FINAL: LOC STEPDOWN

FROM
JELID INT **TO**
4.71 NM AFTER BLAYD INT

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
1.51 4.71 NM AFTER BLAYD INT 371

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (21-032998)	380058.15N/0843738.25W	1045	20	3	1A	250				MA45	1340

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

MISSED APPROACH: ILS

FROM
DA **TO**
HYK VOR/DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
986

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3100
TOWER (21-001125)	380054.28N/0842617.77W	1574	250	50	4D	1000					2600
TERRAIN	375618.00N/0843412.00W	1069 (1100)								AS1500	2600

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:



AIRPORT ID
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ILS OR LOC RWY 4

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19

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AIRPORT ELEVATION
980

FACILITY
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MISSED APPROACH: LOC

FROM
4.71 NM AFTER BLAYD INT

TO
HYK VOR/DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
1090

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
POLE (21-001682)	380058.13N/0843717.76W	1078	20	3	1A		ASC				3100
TOWER (21-001125)	380054.28N/0842617.77W	1574	250	50	4D	1000					2600
TERRAIN	375618.00N/0843412.00W	1069 (1100)								AS1500	2600

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

CIRCLING ALL CATS CAT A CAT B CAT C CAT D CAT E NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TANK (21-000182)	380310.07N/0843626.79W	1.30	460	1124	20	3	1A	300			1440
CATEGORY B											
TANK (21-000182)	380310.07N/0843626.79W	1.84	460	1124	20	3	1A	300			1440
CATEGORY C											
ANTENNA (21-052343)	380243.13N/0843930.09W	2.89	540	1212	20	3	1A	300			1520
CATEGORY D											
TOWER (21-000894)	380339.00N/0843128.00W	3.78	620	1249	500	50	5D	300		AC50	1600

CIRCLING REMARKS:

MSA

CENTER **RADIUS**
HYK VOR/DME 25



SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (21-002125)	375250.86N/0841915.94W	125	8.8	2049	500	50	5D	1000			3100

MSA REMARKS:

AIRPORT ID
LEX

PROCEDURE NAME
ILS OR LOC RWY 4

AMDT NO.
19

CITY
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STATE
KY

AIRPORT ELEVATION
980

FACILITY
I-LEX

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

100 FT VEGETATION HEIGHT PER FPT

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

LEX APP CON, LEX TOWER, ZID ARTCC

WX SERVICE
ASOS

LOCATION
LEX

HRS OPERATION
24

ALTIMETER SOURCE
LEX

DISTANCE

WMSCR
Y

ADJUSTMENTS
0

BACK-UP WX SERVICE
ASOS

LOCATION
FFT

HRS OPERATION
24

ALTIMETER SOURCE
FFT

DISTANCE
16.56

WMSCR
Y

ADJUSTMENTS
62

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KLEX 980, KFFT 812
RA = 61.6

PRIMARY NAVAID
I-LEX

MONITOR POINT
AOCC

HRS OPERATION
24

CAT
1

<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW09 - MIRL, REIL, PAPI-4L	NPI-G	
RW27 - MIRL, REIL, PAPI-4R	NPI-G	
RW04 - MALSR, TDZ, HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH
RW22 - REIL, C/LINE (PCL), HIRL, PAPI-4L	PIR-G	

GLIDESLOPE ANGLE
3.00

ELEV RWY THRESHOLD
940.0

TCH
59.7

ELEV GS ANTENNA
949.1

DISTANCE FROM RWY
907

VGSI ANGLE
3.00

TCH
60.0

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD
ON CENTERLINE

FT FROM THRESHOLD
FT FROM CENTERLINE

DISPLACED THRESHOLD DISTANCE

CRITICAL TEMPERATURES

CRITICAL LOW

CRITICAL HIGH

ACT

APT ISA

CRITICAL TEMPERATURE REMARKS:



"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 27:
20:1	
1013 NAVAID (21-091881) 380225.3700N/0843607.3600W (14.79)	

FINAL TYPE	ILS AND LOC:
34:1	
947 POLE (21-052138) 380136.73N/0843657.71W (1.13).	
PENETRATIONS REMARKS:	
RWY 27 CIRCLING 20:1 OBSTACLE IS LIT. NO NIGHT RESTRICTION REQUIRED. RWY 4 34:1 PENETRATION IS APPROACH LIGHT, DISREGARD IAW 8260.3E PARA 10-6-1.	

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - FINAL FACILITY DOES NOT HAVE DME.
 NO ALTERNATE MISSED APPROACH DEVELOPED DUE TO LACK OF SUITABLE NAVAIDS.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.14
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	0.90
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	041.56
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1000
DISTANCE FROM	THLD	TO 1500FT POINT	4.71
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.24
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	041.56
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1000

THRESHOLD COORDINATES (IF STR-IN) 380139.68N/0843654.39W
ARP COORDINATES 380212.27N/0843631.02W
RUNWAY APCH END AND DIST FURTHEST FROM ARP RUNWAY 4 DISTANCE 0.62 NM
FAF COORDINATES 375807.88N/0844051.53W
FIX NAME COORDINATES

REMARKS



AIRPORT ID
LEX

PROCEDURE NAME
ILS OR LOC RWY 4

AMDT NO.
19

CITY
LEXINGTON

STATE
KY

AIRPORT ELEVATION
980

FACILITY
I-LEX

PART E: PREPARED BY

NAME
ALLAN WILL (TIMOTHY DUNN)

OFFICE
AJV-A33

DATE
08/01/2025

TITLE
AERONAUTICAL INFORMATION SPECIALIST

