

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> LEX	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 4	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> LEXINGTON	<u>STATE</u> KY
<u>AIRPORT ELEVATION</u> 980	<u>TDZE</u> 969	<u>SUPERSEDED</u> RNAV (GPS) RWY 4	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 01/25/2024
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 OCTOBER 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 4W
				<u>EPOCH YEAR</u> 1995
				<u>CANCEL/SUSPEND</u>

TAA THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 24-21.

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 316/30 CW 135/30	NOPT	316/5 CW 135/5		3100
2. 316/5 CW 135/5		RYYYY	IF/IAF	3000
3. 135/30 CW 225/30		UUKAY	IAF	3000
4. 225/30 CW 316/30		FRNZI	IAF	3100

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>
FRNZI	IAF	RYYYY	NOPT	TF	FB	1.00	315.54	7.00	3000
UUKAY	IAF	RYYYY	NOPT	TF	FB	1.00	135.41	7.00	3000
RYYYY	IF/IAF	BLAYD		TF	FB	1.00	045.47	5.24	2500
BLAYD	FAF	JELID/1.51 NM TO RW04		TF	FB	0.30	045.52	3.20	
JELID/1.51 NM TO RW04		RW04	MAP	TF	FO	0.30	045.52	1.51	
RW04	MAP	1169 MSL		CA			045.52		
1169 MSL		KAYFC		DF	FO	1.00			3000

MISSED APPROACH

MAP:
LPV: DA
LNAV/VNAV: DA
LNAV: RW04

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 3000 DIRECT KAYFC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD SW RYYYY, RT, 045.47 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	045.52	FAF:	BLAYD	DIST FAF TO MAP:	4.71	DIST FAF TO THLD:	4.71							
4.	MIN ALT:	RYYYY 3000, BLAYD 2500, JELID/1.51 NM TO RW04 1480													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		200 HAT:	0.53	GS ANT:				
6.	MIN GP INCPT:	2500	GP ALT AT PFAF:	BLAYD 2500			OM:				MM:			IM:	
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	59.7							
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -13°C OR ABOVE 54°C.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 5500, AND LNAV ALL CATS VISIBILITY TO RVR 5500.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 225.66 INBOUND.
CHART FAS OBST: 1078 POLE (21-001682) 380058N/0843718W.
WAAS CHANNEL # 70401
REFERENCE PATH ID: W04A
CHART CIRCLING ICON.
LTP HAE: 253.2 M

MINIMUMS:

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

ALTERNATE: NA ☐ 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
LPV DA	1169	1800	200	1169	1800	200	1169	1800	200	1169	1800	200			
LNAV/VNAV DA	1340	3500	371	1340	3500	371	1340	3500	371	1340	3500	371			
LNAV MDA	1340	2400	371	1340	2400	371	1340	3500	371	1340	3500	371			
CIRCLING	1420	1	440	1440	1	460	1520	1 1/2	540	1600	2	620			



CHANGES - REASONS

-TAA SEGMENT #1 CHANGED FROM “316/30 CW 135/30, RYYYY, IF/IAF 3200” TO “316/30 CW 135/30, 316/5 CW 135/5, 3100”. - NEW CONTROLLING OBSTACLE, AND STEPDOWN ADDITIONS.
-TAA SEGMENT #2 ADDED 316/5 CW 135/5, RYYYY, IF/IAF, 3000. – PER FPT, NEW TAA ALTITUDES.
-TAA SEGMENT AT UUKAY CHANGED FROM 3200 TO 3000. - PER FPT, NEW TAA ALTITUDES.
-TAA SEGMENT AT FRNZI CHANGED FROM 3200 TO 3100. - PER FPT, NEW TAA ALTITUDES.
-TERMINAL ROUTES: FRNZI TO RYYYY ALTITUDE CHANGED FROM 3200 TO 3000. - PER FPT, REDUCE TAA/INITIAL/INTERMEDIATE/HIL ALTITUDE FROM 3200 TO 3000.
-TERMINAL ROUTE: UUKAY TO RYYYY ALTITUDE CHANGED FROM 3200 TO 3000. - PER FPT, REDUCE TAA/INITIAL/INTERMEDIATE/HIL ALTITUDE FROM 3200 TO 3000.
-MISSED APPROACH INSTRUCTION: TERMINATION ALTITUDE CHANGED FROM 3200 TO 3000. – TO MATCH MISSED APPROACH HOLDING ALTITUDE REDUCTION. - PER FPT, REDUCE TAA/INITIAL/INTERMEDIATE/HIL ALTITUDE FROM 3200 TO 3000.
-MISSED APPROACH INSTRUCTIONS: REMOVED CONTINUE CLIMB-IN-HOLD TO 3200. - NO LONGER REQUIRED WITH LOWER HOLDING ALT.
-PROFILE LINE 2: HIL AT RYYYY ALTITUDE CHANGED FROM 3200 TO 3000. – PER FPT, REDUCE TAA/INITIAL/INTERMEDIATE/HIL ALTITUDE FROM 3200 TO 3000.
-PROFILE LINE 4: MIN ALT AT RYYYY CHANGED FROM 3200 TO 3000. - PER FPT, REDUCE TAA/INITIAL/INTERMEDIATE ALTITUDE FROM 3200 TO 3000
-REMOVED NOTES REFERENCING FRANKFORT ALTIMETER SETTING TO BACK OF 8260-9, FOR CONTINGENCY PURPOSES. – IAW 8260.19I 8-6-9 F(3).
-NOTES: CHANGED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, FROM "LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C." TO CHART NOTE: FOR "UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -13°C OR ABOVE 54°C." - UPDATED CALCULATION PER LATEST AVAILABLE HISTORICAL DATA (2019-2023)
- CRC REMAINDER CHANGED FROM 36CB9324 TO B53FB7EE. - LTP/FTP AND FPAP LAT/LONGS UPDATED.
-APT ELEVATION CHANGED FROM 979 TO 980, REDUCING CIRC HAA'S 1 FT. - PENDING AIRPORT DATA USED.

08/23/24: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 08/09/24.
1. REMOVED CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV.

COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

X

HAI

NBAA

X

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

FLIGHT CHECKED BY GEORGE EDWARD SEARLES	Digitally signed by DAVID DANNER Aug 26, 2024	OFFICE FIOG	DATE 08/07/2024
DEVELOPED BY LEO PALMER	Digitally signed by LEO PALMER Aug 23, 2024	OFFICE AJV-A421	DATE 02/20/2024
APPROVED BY DAVID DANNER	Digitally signed by DAVID DANNER Aug 26, 2024	OFFICE AJV-A420	DATE TITLE MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLEX
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	380139.6840N
LTP/FTP LONGITUDE	0843654.3870W
LTP/FTP ELLIPSOIDAL HEIGHT	+02532
FPAP LATITUDE	380246.4195N
FPAP LONGITUDE	0843539.5570W
THRESHOLD CROSSING HEIGHT (TCH)	00059.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0616
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	B53FB7EE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02865
FPAP ORTHOMETRIC HEIGHT	+02865

