

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33		Bearings, headings, courses, 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 in feet RVR.	
TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW24 CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 3000 DIRECT CAANT AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 327.67 INBOUND. CHART FAS OBST: 742 BLDG 381342N/0853823W DISTANCE TO THLD FROM 285 HAT: 0.73 NM. CHART VDP AT 1.07 MILES TO RW24* *LNAV ONLY. WAAS CHANNEL # 58126 REFERENCE PATH ID: W24A CHART: KSDF AIRPORT CHART CIRCLING ICON LTP HAE: 129.4 M	
NUNYA (IF/IAF)	BNNUS (FB)	243.71 / 5.01	2300		
BNNUS (FAF)	RUHEE/2.00 NM TO RW24 (FB)	243.65 / 3.39			
RUHEE/2.00 NM TO RW24	RW24 (MAP) (FO)	243.65 / 2.00			
RW24 (MAP)	1100 MSL	243.65	1100		
1100 MSL	CAANT (FO)		3000		
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NE NUNYA, RT, 243.71 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>243.65</u> FAF: <u>BNNUS</u> DIST FAF TO MAP: <u>5.39</u> THLD: <u>5.39</u> 4. MIN. ALT: NUNYA 3000, BNNUS 2300, RUHEE/2.00 NM TO RW24 1220* 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2300</u> GS ALT AT: <u>BNNUS 2300</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>53.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u> </u>				MAG VAR: 4W EPOCH YEAR: 2010	
MINIMUMS					
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N A		STANDARD @
CATEGORY =====>	A		B		C
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
LPV DA	830	7/8	285	830	7/8
LNAV/VNAV DA	1025	1 5/8	480	1025	1 5/8
LNAV MDA	1000	1	455	1000	1
CIRCLING	1060	1	514	1080	1
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. *LNAV ONLY CHART NOTE: VDP NA WITH LOUISVILLE INTL-STANDIFORD FIELD ALTIMETER SETTING. (SEE FORM 8260-10)					
CITY AND STATE		ELEVATION: 546 TDZE: 545	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
LOUISVILLE, KY		AIRPORT NAME:	RNAV	RNAV (GPS) RWY 24, AMDT 3	
		BOWMAN FIELD		18 SEPTEMBER 2014	
				SUP:	2
				DATED	07/26/2012

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD

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NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LOUISVILLE INTL-STANDIFORD FIELD

ALTIMETER SETTING.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CHART NOTE: NIGHT LANDING: RWY 6, 15, 33 NA.

TAA

	FROM	TO	ALT
1.	154/30 CW 334/30 (NOPT)	154/6 CW 334/6	3600
	154/6 CW 334/6	NUNYA (IF/IAF) (FB)	3000
2.	334/30 CW 154/30	NUNYA (IF/IAF) (FO)	3000

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RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLOU
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	381351.7850N
LTP/FTP LONGITUDE	0853926.2670W
LTP/FTP ELLIPSOIDAL HEIGHT	+01294
FPAP LATITUDE	381306.6300N
FPAP LONGITUDE	0854103.7700W
THRESHOLD CROSSING HEIGHT (TCH)	00053.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1520
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

<u>CRC REMAINDER</u>	10D31989
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01627
FPAP ORTHOMETRIC HEIGHT	+01627

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ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KLOUK5FR24	ANUNYA	010NUNYAK5EA0EE	AR	HF			24370040	+	03000	18000		A	JS
SUSAP KLOUK5FR24	R	010NUNYAK5EA0E	I	IF				+	03000	18000		A	JS
SUSAP KLOUK5FR24	R	020BNNUSK5EA1E	F	051TF			24370050	+	02300			A	JS
SUSAP KLOUK5FR24	R	020BNNUSK5EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KLOUK5FR24	R	021RUHEEK5EA0E	S	031TF			24370034	V	0122001222	-300		A	JS
SUSAP KLOUK5FR24	R	030RW24 K5PGOGY	M	031TF			24370020		00587	-300		A	JS
SUSAP KLOUK5FR24	R	040	0	M	CA		2437	+	01100			A	JS
SUSAP KLOUK5FR24	R	050CAANTK5EA0EY	L	DF				+	03000			A	JS
SUSAP KLOUK5FR24	R	060CAANTK5EA0EE	R	HM			32770040	+	03000			A	JS

[illegible][illegible]

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	NUNYA	NUNYA	010	IAF	HF	R	FO		243.7(239.7T)	004.0	AA 03000	
		NUNYA	010	FACF	IF		FB				AA 03000	
		BNNUS	020	FAF	TF		FB	0.5	243.7(239.7T)	005.0	AA 02300	
		RUHEE	021	SDF	TF		FB	0.3	243.7(239.7T)	003.4	AA 01220	GS 01222
		RW24	030	MAP	TF		FO	0.3	243.7(239.7T)	002.0	AT 00587	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		243.7(239.7T)		AA 01100	
	CAANT	050		DF	L	FO				AA 03000	
	CAANT	060		HM	R	FO		327.7(323.7T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BNNUS	N381635.38	W0853332.36	N3816.590	W08533.539
	CAANT	N380507.24	W0853156.14	N3805.121	W08531.936
	NUNYA	N381907.33	W0852802.39	N3819.122	W08528.040
	RUHEE	N381452.55	W0853714.88	N3814.876	W08537.248
	RW24	N381351.79	W0853926.27	N3813.863	W08539.438

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW24	00534	53

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