

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> SDF	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 29	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> LOUISVILLE	<u>STATE</u> KY
<u>AIRPORT ELEVATION</u> 501	<u>TDZE</u> 480	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 29	<u>DATED</u> 07/11/2024	<u>MAG VAR</u> 5W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 31 OCTOBER 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2020
			<u>CANCEL/SUSPEND</u>	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
MIXKO	IAF	TRUBS	NOPT	TF	FB	1.00	015.92	8.53	4000
FINCH	IAF	TRUBS	NOPT	TF	FB	1.00	264.01	14.59	4000
TRUBS	IF/IAF	CUCAK		TF	FB	1.00	298.18	5.97	2200
CUCAK	FAF	ZIPEP/2.33 NM TO RW29		TF	FB	0.30	296.19	2.89	
ZIPEP/2.33 NM TO RW29		RW29	MAP	TF	FO	0.30	296.19	2.33	
RW29	MAP	761 MSL		CA			296.19		
761 MSL		ZUSAB		DF	FB	1.00			
ZUSAB		DAMEN		TF	FO	1.00	268.78	13.40	4000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW29

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT ZUSAB AND ON TRACK 268.78 TO DAMEN AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)
2. HOLD SE TRUBS, RT, 296.27 INBOUND, 4000 FT. IN LIEU OF PT (IF/IAF), MAX 4000.

3. FAC: 296.19

FAF: CUCAK

DIST FAF TO MAP: 5.22

DIST FAF TO THLD: 5.22
4. MIN ALT: CUCAK 2200, ZIPEP/2.33 NM TO RW29 1280

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

281 HAT: 0.70

GS ANT:
6. MIN GP INCPT: 2200

GP ALT AT PFAF: CUCAK 2200

OM:

MM:

IM:
7. GP ANGLE: 3.00

34:1: IS NOT CLEAR

20:1: IS CLEAR

TCH: 58.6
8. MSA FROM: RW29 3600



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 29 HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED.
CHART NOTE: CIRCLING RWY 11 NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -13°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MIXKO ON V51 SOUTHBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FINCH ON V512 EASTBOUND.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LPV ALL CATS VISIBILITY TO RVR 4500 AND LNAV CATS A/B VISIBILITY TO RVR 5500.
CHART SPEED ICON IN PLANVIEW AT TRUBS: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD W, LT, 099.01 INBOUND.
CHART FAS OBST: 655 ANTENNA (21-041095) 381039N/0854259W.
CHART VDP AT 1.19 NM TO RW29.
WAAS CHANNEL # 93643
REFERENCE PATH ID: W29A
CHART MANDATORY 4000 AT TRUBS.
CHART CIRCLING ICON.
LTP HAE: 113 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 900-3

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	761	4000	281	761	4000	281	761	4000	281	761	4000	281			
LNAV/VNAV DA	920	4000	440	920	4000	440	920	4000	440	920	4000	440			
LNAV MDA	920	4000	440	920	4000	440	920	4000	440	920	4000	440			
CIRCLING	1040	1	539	1140	1	639	1160	1 3/4	659	1400	3	899			

CHANGES - REASONS

1. DELETED PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS. - NOTE IS NOT REQUIRED.
2. DELETED (7:1) OBSTACLE 893 AAO 380800N/0853718W FROM ADDITIONAL FLIGHT DATA - IAW 8260.19J, 8-6-11 E(2) AND MEMO ATTACHMENT 4 CRITERIA CLARIFICATION.



COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

X

HAI

NBAA

X

OTHER:

ZID, SDF APP CON, SDF ATCT, AMGR.

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

Digitally signed by

DAVID DANNER

Jul 26, 2024

DATE

DEVELOPED BY

ANDRE MARSH

Digitally signed by

ANDRE L MARSH

Jul 24, 2024

OFFICE

AJV-A421

DATE

06/24/2024

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

DAVID DANNER

Jul 26, 2024

OFFICE

AJV-A420

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA

0
0
KSDF
RW29
0
Y
0
W29A
381022.9955N
0854325.7630W
+01130
381055.1290N
0854511.1720W
00058.6
F
03.00
106.75
0544
40.0
50.0

CRC REMAINDER

1E7AEC02

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K5
+01463
+01463

