

**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</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>	
LOUISVILLE MUHAMMAD ALI INTL	KSDF	RNAV (GPS) Y RWY 17R	1F	LOUISVILLE	KY	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
501	485	RNAV (GPS) Y RWY 17R	1E	03/29/2018	5W	2020
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
RNAV		15 AUGUST 2019	ROUTINE			

**TERMINAL ROUTES**

<b><u>FROM</u></b>	<b><u>FIX TYPE</u></b>	<b><u>TO</u></b>	<b><u>FIX TYPE</u></b>	<b><u>LEG TYPE</u></b>	<b><u>FO/FB</u></b>	<b><u>RNP</u></b>	<b><u>COURSE</u></b>	<b><u>DISTANCE</u></b>	<b><u>ALTITUDE</u></b>
HONOS	IAF	SPYRS		TF	FB	1.00	132.57	19.07	4000
SPYRS	IF	BLGRS		TF	FB	1.00	170.37	3.49	3000
BLGRS		CHRCL		TF	FB	1.00	170.38	2.28	2500
CHRCL	FAF	VOYUK/2.60 NM TO RW17R		TF	FB	0.30	170.39	3.57	
VOYUK/2.60 NM TO RW17R		RW17R	MAP	TF	FO	0.30	170.39	2.60	
RW17R	MAP	1000 MSL		CA			170.39		1000
1000 MSL		NADDI		DF	FO	1.00			3000

**MISSED APPROACH**

**MAP:**

LPV: DA  
 LNAV/VNAV: DA  
 LNAV: RW17R

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 3000 DIRECT NADDI AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT SPYRS					
3. FAC:	170.39	FAF: CHRCL	DIST FAF TO MAP: 6.17	DIST FAF TO THLD: 6.17	
4. MIN ALT:	SPYRS 4000, BLGRS 3000, CHRCL 2500, VOYUK/2.60 NM TO RW17R 1340*				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	200 HAT: 0.47	GS ANT:
6. MIN GP INCPT: 2500	GP ALT AT FAF : CHRCL 2500			OM:	MM: IM:
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 49.7		
8. MSA FROM:	RW17R 3600				

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING RWY 11 NA AT NIGHT.  
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.  
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.  
CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -14°C OR ABOVE 54°C.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HONOS ON V171 NORTHWEST BOUND.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CATS C/D VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.  
CHART VDP AT 1.38 NM TO RW17R\*  
\*LNAV ONLY  
WAAS CHANNEL #57909  
REFERENCE PATH ID: W17A  
CHART FAS OBST: 683 TOWER 381325N/0854458W.  
HOLD W, LT, 083.89 INBOUND  
LTP HAE: 114.7 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	685	1800	200	685	1800	200	685	1800	200	685	1800	200			
LNAV/VNAV DA	932	5500	447	932	5500	447	932	5500	447	932	5500	447			
LNAV MDA	1000	2400	515	1000	2400	515	1000	5500	515	1000	5500	515			
CIRCLING	1040	1	539	1140	1	639	1160	1 3/4	659	1400	3	899			

**CHANGES - REASONS**

1. UPDATED PROCEDURE NAME FROM LOUISVILLE INTL-STANDIFORD FIELD TO LOUISVILLE MUHAMMAD ALI INTL - UPDATED DATA BASE WITH AIRPORT NAME CHANGE.  
2.DELETED CHART NOTE: DME/DME RNP -0.3 NA AND ADDED NOTE: RNP APCH - UPDATED PBN REQUIREMENTS REFERENCE REVISED CRITERIA/FORMAT CHANGE.  
3. UPDATED BARO-VNAV NOTE FROM: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -14C (7F) OR ABOVE 54C (130F) TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -14C OR ABOVE 54C - FAHRENHEIT NO LONGER REQUIRED.

**COORDINATED WITH:**

**A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZID, SDF APP CON, SDF ATCT, AMGR.

**FLIGHT CHECKED BY**  
PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:  
FLIGHT INSPECTION REVIEW NOT REQUIRED

**DEVELOPED BY** *Digitally signed by*  
SYLVAN DRAKES **SYLVAN DRAKES**  
Mar 25, 2019

**APPROVED BY** *Digitally signed by*  
LONNIE EVERHART **WARDELL HENNING**  
Jul 02, 2019

**OFFICE** *Digitally signed by* **DATE**  
**WARDELL HENNING**  
Jul 02, 2019

**OFFICE** **DATE**  
AJV-A433 03/25/2019

**OFFICE** **DATE** **TITLE**  
AJV-A430  
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSDF
RUNWAY	RW17R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	381105.0595N
LTP/FTP LONGITUDE	0854452.9335W
LTP/FTP ELLIPSOIDAL HEIGHT	+01147
FPAP LATITUDE	380919.4500N
FPAP LONGITUDE	0854418.1200W
THRESHOLD CROSSING HEIGHT (TCH)	00049.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	F3B648AA

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01479
FPAP ORTHOMETRIC HEIGHT	+01479

