

**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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
IAID	RNAV (GPS) Y RWY 19L	3A	WASHINGTON	DC		
<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SUPERSEDED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>
312	302	RNAV (GPS) Y RWY 19L	3	05/16/2024	10W	2000
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
RNAV		20 FEBRUARY 2025	ROUTINE			

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>
LOGOW	IAF	PATWY		TF	FB	1.00	095.19	7.84	6000
PATWY		HOSTT		TF	FB	1.00	097.33	3.67	6000
HOSTT		FORKL		TF	FB	1.00	161.79	3.00	6000
DUBBV	IAF	HUGGZ		TF	FB	1.00	101.90	4.50	5000
HUGGZ		NOGGL		TF	FB	1.00	108.57	3.50	4000
NOGGL		TOOPR		TF	FB	1.00	142.48	5.98	4000
LEMIU	IAF	LARKY		TF	FB	1.00	190.68	3.73	6000
LARKY		FORKL		TF	FB	1.00	190.67	3.20	6000
FORKL	IAF	THRET		TF	FB	1.00	190.65	3.45	5000
THRET		TOOPR		TF	FB	1.00	190.69	3.06	4000
TOOPR	IAF	LEFFY		TF	FB	1.00	190.67	3.28	3000
LEFFY	IF	LOOOT		TF	FB	1.00	190.67	3.20	2000
LOOOT		DOMSE		TF	FB	1.00	190.66	2.48	1500
DOMSE	FAF	RW19L	MAP	TF	FO	0.30	190.67	3.62	
RW19L	MAP	800 MSL		CA			190.67		800
800 MSL		ASPER		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW19L

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 800 THEN CLIMBING LEFT TURN TO 3000 DIRECT ASPER AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	PROFILE STARTS AT LEMIU														
3.	FAC:	190.67	FAF:	DOMSE	DIST FAF TO MAP:	3.62	DIST FAF TO THLD:	3.62							
4.	MIN ALT:	LEMIU 7000, LARKY 6000, FORKL 6000, THRET 5000, TOOPR 4000, LEFFY 3000, LOOOT 2000, DOMSE 1500													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		200 HAT:	0.48	GS ANT:				
6.	MIN GP INCPT:	1500	GP ALT AT PFAF:	DOMSE 1500			OM:				MM:			IM:	
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	55.3							
8.	MSA FROM:	RW19L 3500													

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT (VGSi ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -13°C OR ABOVE 54°C.
CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: * RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.
CHART SPEED ICON IN PLANVIEW AT HOSTT: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 220.00 INBOUND.
CHART FAS OBST: 498 BUILDING (51-020635) 385733N/0772528W.
CHART VDP AT 1.23 NM TO RW19L.
WAAS CHANNEL # 58105
REFERENCE PATH ID: W19A
CHART AT OR ABOVE 6000 AT LOGOW.
CHART AT OR ABOVE 5000 AT DUBBV.
CHART AT OR ABOVE 7000 AT LEMIU.
LTP HAE: 57.4 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 900-2 3/4

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*	502	2400	200	502	2400	200	502	2400	200	502	2400	200			
LNAV/VNAV DA	760	4500	458	760	4500	458	760	4500	458	760	4500	458			
LNAV MDA	760	2400	458	760	2400	458	760	4500	458	760	4500	458			
CIRCLING	940	1	628	940	1	628	940	1 3/4	628	1180	2 3/4	868			

CHANGES - REASONS

1. TERMINAL ROUTE UPDATE: CHANGED FROM "LEMIU - LEFVR" TO "LEMIU - LARKY" - NAME CHANGED FROM LEFVR TO LARKY PER FPT.
2. TERMINAL ROUTE UPDATE: CHANGED FROM "LEFVR - LOOOT" TO "LARKY - LOOOT"- NAME CHANGED FROM LEFVR TO LARKY PER FPT.



COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

X

HAI

NBAA

X

OTHER: PCT APP CON, IAD ATCT, AIRPORT MGR, VA DOT

FLIGHT CHECKED BY

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

Digitally signed by
ROBERT G HAMILTON
Dec 05, 2024

OFFICE

DATE

DEVELOPED BY

KWEKU DONKOR

Digitally signed by
KWEKU DONKOR
Dec 03, 2024

OFFICE

AJV-A433

DATE

08/06/2024

APPROVED BY

BEV L BORDY

Digitally signed by
ROBERT G HAMILTON
Dec 05, 2024

OFFICE

AJV-A430

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
KIAD
RW19L
0
Y
0
W19A
385719.1865N
0772609.5085W
+00574
385525.5270N
0772611.2130W
00055.3
F
03.00
106.75
0000
40.0
35.0

CRC REMAINDER

097494C9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K6
+00893
+00893

