

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (RNP) 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.

AIRPORT ID IAD	PROCEDURE NAME RNAV (RNP) Z RWY 19L	ORIGINAL/AMENDMENT 1A	CITY WASHINGTON	STATE DC
AIRPORT ELEVATION 312	TDZE 302	SUPERSEDED RNAV (RNP) Z RWY 19L	DATED 05/16/2024	MAG VAR 10W
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 20 FEBRUARY 2025	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2000
			CANCEL/SUSPEND	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
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
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
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
LEFFY	IF	LOOOT		TF	FB	1.00	190.67	3.20	2000
LOOOT		DOMSE	PFAF	TF	FB	1.00	190.66	2.48	1500
DOMSE	PFAF	RW19L	MAP	TF	FO	0.30	190.67	3.62	
RW19L	MAP	800 MSL		CA			190.67		
800 MSL		ASPER		DF	FO	1.00			3000

MISSED APPROACH

MAP:

RNP: DA

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 | PFAF: DOMSE | DIST PFAF TO MAP: | DIST PFAF TO THLD: | | | | | |
| 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: | 318 HAT: | 0.85 | 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 AR APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -13°C OR ABOVE 54°C.
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
 CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.11 ALL CATS VISIBILITY TO RVR 4500.
 CHART SPEED ICON IN PLANVIEW AT HOSTT: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 220.00 INBOUND.
 CHART AT OR ABOVE 7000 AT LEMIU.
 CHART AT OR ABOVE 5000 AT DUBBV.
 CHART AT OR ABOVE 6000 AT LOGOW.

MINIMUMS:

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

ALTERNATE: NA STANDARD

CATEGORY:	A			B			C			D			E			
	FINAL TYPE	DA/MDA	VIS	HAT/HAA												
AUTHORIZATION REQUIRED																
RNP 0.11 DA	620	2400	318	620	2400	318	620	2400	318	620	2400	318				
RNP 0.15 DA	684	3500	382	684	3500	382	684	3500	382	684	3500	382				
RNP 0.30 DA	730	4000	428	730	4000	428	730	4000	428	730	4000	428				

CHANGES - REASONS

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



AIRPORT ID
IAD

PROCEDURE NAME
RNAV (RNP) Z RWY 19L

ORIGINAL/AMENDMENT
1A

CITY
WASHINGTON

STATE
DC

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA**

OTHER: PCT APP CON, LAD ATCT, AIRPORT MANAGER, 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

OFFICE

DATE

Digitally signed by

ROBERT G HAMILTON

Dec 05, 2024

DEVELOPED BY
KWEKU DONKOR

Digitally signed by
KWEKU DONKOR
Dec 03, 2024

OFFICE
AJV-A433

DATE
08/07/2024

APPROVED BY
BEV L BORDY

Digitally signed by
ROBERT G HAMILTON
Dec 05, 2024

OFFICE
AJV-A430

DATE

TITLE
MANAGER

