

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.

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>
IAD	RNAV (RNP) Z RWY 19R	ORIG	WASHINGTON	DC
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>
312	278	NONE		
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>MAG VAR</u>
RNAV		16 MAY 2024	ROUTINE	10W
				<u>EPOCH YEAR</u>
				2000
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
RUBNZ	IAF	RAGGY		TF	FB	1.00	190.65	3.73	7000
RAGGY		RIECE		TF	FB	1.00	190.65	3.09	6000
RIECE	IAF	RAYZE		TF	FB	1.00	190.64	3.45	5000
RAYZE		ROWYN		TF	FB	1.00	190.65	3.05	4000
ROWYN	IAF	REKKN		TF	FB	1.00	190.64	3.27	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		ROWYN		TF	FB	1.00	157.06	4.78	4000
REKKN	IF	RNDON		TF	FB	1.00	190.66	3.16	2000
RNDON		MULKY	PFAF	TF	FB	1.00	190.61	1.58	1500
MULKY	PFAF	RW19R	MAP	TF	FO	0.30	190.64	3.67	
RW19R	MAP	800 MSL		CA			190.64		800
800 MSL		AMOSS		DF	FO	1.00			3000

MISSED APPROACH

MAP:

RNP: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 3000 DIRECT AMOSS AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)										
2.	PROFILE STARTS AT RUBNZ															
3.	FAC:	190.64	PFAF:	MULKY	DIST PFAF TO MAP:		DIST PFAF TO THLD:									
4.	MIN ALT:	RUBNZ 8000, RAGGY 7000, RIECE 6000, RAYZE 5000, ROWYN 4000, REKKN 3000, RNDON 2000, MULKY 1500														
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		330 HAT:	0.87	GS ANT:					
6.	MIN GP INCPT:	1500	GP ALT AT PFAF:	MULKY 1500			OM:				MM:			IM:		
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	55.1								
8.	MSA FROM:	RW19R 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 0.30 VISIBILITY ALL CATS TO RVR 5500.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 263.51 INBOUND.
CHART AT OR ABOVE 8000 AT RUBNZ.
CHART AT OR ABOVE 5000 AT DUBBV.

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	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
AUTHORIZATION REQUIRED															
RNP 0.10 DA	608	2600	330	608	2600	330	608	2600	330	608	2600	330			
RNP 0.30 DA	658	3500	380	658	3500	380	658	3500	380	658	3500	380			

CHANGES - REASONS

PCT APP CON, LAD ATCT, AIRPORT MANAGER, VA DOT

DATE
03/07/2024

DATE
11/02/2023

TITLE
MANAGER