

**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><b>AIRPORT ID</b></u> IAD	<u><b>PROCEDURE NAME</b></u> RNAV (GPS) Y RWY 1L	<u><b>ORIGINAL/AMENDMENT</b></u> 1A	<u><b>CITY</b></u> WASHINGTON	<u><b>STATE</b></u> DC
<u><b>AIRPORT ELEVATION</b></u> 312	<u><b>TDZE</b></u> 296	<u><b>SUPERSEDED</b></u> RNAV (GPS) Y RWY 1L	<u><b>DATED</b></u> 05/16/2024	<u><b>MAG VAR</b></u> 10W
<u><b>FACILITY</b></u> RNAV	<u><b>COORDINATES OF FACILITIES</b></u>	<u><b>ORIGINAL/AMENDMENT</b></u> 1	<u><b>REQUIRED EFFECTIVE DATE</b></u> ROUTINE	<u><b>EPOCH YEAR</b></u> 2000
		<u><b>ACTUAL EFFECTIVE DATE</b></u> 17 APRIL 2025	<u><b>CANCEL/SUSPEND</b></u>	

**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>
WABER	IAF	WESVA		TF	FB	1.00	010.64	3.76	7000
WESVA		WOFUL		TF	FB	1.00	010.64	3.10	6000
WOFUL	IAF	WISHY		TF	FB	1.00	010.64	3.63	5000
WISHY		WIRLY		TF	FB	1.00	010.67	3.18	4000
WIRLY	IAF	WERTH		TF	FB	1.00	010.62	3.30	3000
HELMZ	IAF	GRASK		TF	FB	1.00	098.62	7.41	5000
GRASK		LAZER		TF	FB	1.00	086.40	5.30	4000
LAZER		WIRLY		TF	FB	1.00	051.06	5.50	4000
WERTH	IF	FAXES		TF	FB	1.00	010.63	4.43	2000
FAXES	FAF	RW01L	MAP	TF	FO	0.30	010.64	5.18	
RW01L	MAP	800 MSL		CA			010.64		800
800 MSL		NHLEN		DF	FO	1.00			3000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW01L

**MISSED APPROACH INSTRUCTIONS:**

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

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	PROFILE STARTS AT WABER														
3.	FAC:	010.64	FAF:	FAXES	DIST FAF TO MAP:	5.18	DIST FAF TO THLD:	5.18							
4.	MIN ALT:	WABER 8000, WESVA 7000, WOFUL 6000, WISHY 5000, WIRLY 4000, WERTH 3000, FAXES 2000													
5.	DIST TO THLD FROM OM:		MM:	IM:	150 HAT:		200 HAT:	0.45	GS ANT:						
6.	MIN GP INCPT:	2000	GP ALT AT PFAF:	FAXES 2000			OM:		MM:					IM:	
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	55.1							
8.	MSA FROM:	RW01L 3500													

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT (VGSi ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -13°C OR ABOVE 54°C.  
CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS.  
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.  
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 5500. INCREASE LNAV CAT C/D VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD SE, LT, 318.62 INBOUND.  
FAS OBST: 509 AAO 385242N/0772845W.  
525 AAO 385118N/0772957W.  
CHART R-6608A/B/C.  
CHART VDP AT 1.23 NM TO RW01L.  
WAAS CHANNEL # 99309  
REFERENCE PATH ID: W01D  
CHART AT OR ABOVE 8000 AT WABER.  
CHART AT OR ABOVE 5000 AT HELMZ.  
LTP HAE: 58.2 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	496	1800	200	496	1800	200	496	1800	200	496	1800	200			
LNAV/VNAV DA	658	3500	362	658	3500	362	658	3500	362	658	3500	362			
LNAV MDA	760	2400	464	760	2400	464	760	5000	464	760	5000	464			
CIRCLING	940	1	628	940	1	628	940	1 3/4	628	1180	2 3/4	868			

CHANGES - REASONS

- TERMINAL ROUTES - CHANGED IAF FROM GNATZ TO HELMZ - ATC REQUEST, SIMILAR SOUNDING FIXES IN AIRSPACE.  
- ADDITIONAL FLIGHT DATA - CHANGED NOTE FROM CHART AT OR ABOVE 5000 AT GNATZ TO CHART AT OR ABOVE 5000 AT HELMZ - ATC REQUEST, SIMILAR SOUNDING FIXES IN AIRSPACE.



COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

X

HAI

NBAA

X

OTHER:

PCT APCH, LAD ATCT, APT MNGR

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

DEVELOPED BY

JOHN BORDY (JOHN BRUNO)

Digitally signed by

Dec 06, 2024

ROBERT G HAMILTON

Dec 06, 2024

OFFICE

AJV-33

DATE

09/10/2024

APPROVED BY

JOHN BORDY

Digitally signed by

ROBERT G HAMILTON

Dec 06, 2024

OFFICE

AJV-33

DATE

04/17/2025

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

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)

0  
0  
KIAD  
RW01L  
0  
Y  
0  
W01D  
385641.8795N  
0772829.3165W  
+00582  
385814.7840N  
0772827.9840W  
00055.1  
F  
03.00  
106.75  
0000  
40.0  
35.0

CRC REMAINDER

6424D707

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE  
LTP ORTHOMETRIC HEIGHT  
FPAP ORTHOMETRIC HEIGHT

K6  
+00902  
+00902

