

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> PHF	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 25	<u>ORIGINAL/AMENDMENT</u> 4	<u>CITY</u> NEWPORT NEWS	<u>STATE</u> VA
<u>AIRPORT ELEVATION</u> 42	<u>TDZE</u> 41	<u>SUPERSEDED</u> RNAV (GPS) RWY 25	<u>ORIGINAL/AMENDMENT</u> 3A	<u>DATED</u> 06/20/2019
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 19 MARCH 2026	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 9W
				<u>EPOCH YEAR</u> 1985
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
HCM VORTAC		HASBA		TF	FO	1.00	129.10	24.56	2000
ORF VORTAC		HASBA		TF	FO	1.00	000.23	21.25	2000
OUTLA	IAF	HASBA	NOPT	TF	FB	1.00	253.38	14.32	2000
HASBA	IF/IAF	STEVE		TF	FB	1.00	246.94	5.92	2000
STEVE	FAF	RW25	MAP	TF	FO	0.30	246.87	5.98	
RW25	MAP	241 MSL		CA			246.87		
241 MSL		JAWES		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW25

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT JAWES AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD NE HASBA, RT, 246.94 INBOUND, 2000 IN LIEU OF PT (IAF), MAX 6000.					
3. FAC: 246.87	FAF: STEVE		DIST FAF TO MAP: 5.98	DIST FAF TO THLD: 5.98	
4. MIN ALT: HASBA 2000, STEVE 2000					
5. DIST TO THLD FROM PFAF: 5.98	MM:	IM:	150 HAT:	200 HAT: 0.46	GS ANT:
6. MIN GP INCPT: 2000	GP ALT AT PFAF: STEVE 2000		OM:	MM:	IM:
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 55.2		
8. MSA FROM: RW25 2300					



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -7°C OR ABOVE 54°C.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING ORF ALTIMETER SETTING.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ORF ALTIMETER SETTING AND INCREASE LPV DA TO 289 FEET; INCREASE LNAV/VNAV DA TO 564 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C/D 1/8 SM, AND CIRCLING VISIBILITY CAT C/D 1/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD SW, LT, 066.67 INBOUND.
FAS OBST: 227 AAO 371021N/0762530W.
CHART VDP AT 1.16 NM TO RW25.
WAAS CHANNEL # 45510
REFERENCE PATH ID: W25A
LTP HAE: -24.1 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

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	241	3/4	200	241	3/4	200	241	3/4	200	241	3/4	200			
LNAV/VNAV DA	480	1 1/4	439	480	1 1/4	439	480	1 1/4	439	480	1 1/4	439			
LNAV MDA	480	1	439	480	1	439	480	1 1/4	439	480	1 1/4	439			
CIRCLING	520	1	478	540	1	498	760	2	718	780	2 1/4	738			



CHANGES - REASONS

1. TERMINAL ROUTES: REPLACED CCV VORTAC TO HASBA SEGMENT WITH OUTLA TO HASBA SEGMENT – COURSE 253.38, DISTANCE 14.32 – ATC REQUEST
2. TERMINAL ROUTES: ADDED “FAF” TO FIX TYPE FOR HASBA TO STEVE SEGMENT – IAW 8260.19K 8-6-4
3. PROFILE LINE 5: REPLACED “DIST TO THLD FROM OM:” WITH “DIST TO THLD FROM PFAF: 5.98” – IAW 98260.19K 8-6-7
4. PROFILE LINE 6: CHANGED FROM “GP ALT AT FAF : STEVE 2000” TO “GP ALT AT PFAF: STEVE 2000” – IAW 8260.19K 8-6-7
5. PBN REQUIREMENTS NOTE: CHANGED FROM “RNP APCH.” TO “RNP APCH - GPS.” – IAW 8260.19K 8-6-8
6. NOTES: UPDATED CHART NOTE FROM “CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -11°C OR ABOVE 54°C.” TO “CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -7°C OR ABOVE 54°C.” – NEW COLD WEATHER DATA
7. NOTES: REMOVED “CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CCV VORTAC AIRWAY RADIALS 323 CW 016.” – NO LONGER USING CCV VORTAC
8. NOTES: ADDED “CHART NOTE: BARO-VNAV AND VDP NA WHEN USING ORF ALTIMETER SETTING.” – IAW 8260.19K 8-6-10
9. NOTES: ADDED BACKUP ALTIMETER NOTE “CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ORF ALTIMETER SETTING AND INCREASE LPV DA TO 289 FEET; INCREASE LNAV/VNAV DA TO 564 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C/D 1/8 SM, AND CIRCLING VISIBILITY CAT C/D 1/4 SM.” – NEW TARGETS EVALUATION
10. ADDITIONAL FLIGHT DATA: REMOVED “CHART CIRCLING ICON” – NO LONGER REQUIRED
11. ADDITIONAL FLIGHT DATA: UPDATED VDP NOTE FROM “CHART VDP AT 1.21 NM TO RW25*” TO “CHART VDP AT 1.16 NM TO RW25.” – NEW TARGETS EVALUATION
12. ADDITIONAL FLIGHT DATA: REMOVED “*LNAV ONLY” – NO LONGER REQUIRED
13. ADDITIONAL FLIGHT DATA: REPLACED “FAS OBST: 214 AAO 371009N/0762515W.” WITH “FAS OBST: 227 AAO 371021N/0762530W.” – NEW CONTROLLING OBSTACLE
14. ALTERNATE MINIMUMS: CHANGED FROM “STANDARD” TO “STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.” – NEW TARGETS EVALUATION
15. MINIMUMS: LOWERED LNAV/VNAV MINIMUMS FROM “516 1 5/8 475” TO “480 1 1/4 439” – LOWERED TO MATCH LNAV MINIMUMS IAW “LOWERING LPV AND LNAV VNAV MINIMUMS MEMO” DATED 05/20/2025
16. FAS DATA BLOCK INFORMATION: CRC REMAINDER CHANGED FROM “A145B57C” TO “AB54B3A8” – FPAP COORDINATES CHANGED FROM 370724.6355N/0763015.6275W TO 370724.6340N/0763015.6260W
17. PROFILE LINE 5: ADDED NOTE “200 HAT: 0.46” - IAW 8260.19K 8-6-7

COORDINATED WITH:

A4A

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ALPA

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AOPA

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APA

☐

HAI

☐

NBAA

☒

OTHER: ZDC, ORF APP CON, PHF ATCT, AMGR, VA DOT

FLIGHT CHECKED BY

MICHAEL G CAMPBELL

Digitally signed by

ROBERT G HAMILTON

Dec 22, 2025

OFFICE

AJF

DATE

12/19/2025

DEVELOPED BY

DEVON KERCHER

Digitally signed by

ROBERT G HAMILTON

Dec 22, 2025

OFFICE

AJV-A431

DATE

09/05/2025

APPROVED BY

ROBERT G HAMILTON

Digitally signed by

ROBERT G HAMILTON

Dec 22, 2025

OFFICE

AJV-A431

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPHF
RUNWAY	RW25
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W25A
LTP/FTP LATITUDE	370812.1715N
LTP/FTP LONGITUDE	0762841.3420W
LTP/FTP ELLIPSOIDAL HEIGHT	-00241
FPAP LATITUDE	370724.6340N
FPAP LONGITUDE	0763015.6260W
THRESHOLD CROSSING HEIGHT (TCH)	00055.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0312
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	AB54B3A8

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00119
FPAP ORTHOMETRIC HEIGHT	+00119

