

**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.

<b><u>AIRPORT</u></b> HAMPTON ROADS EXECUTIVE	<b><u>AIRPORT ID</u></b> KPVG	<b><u>PROCEDURE NAME</u></b> RNAV (GPS) RWY 10	<b><u>ORIGINAL/AMENDMENT</u></b> 1	<b><u>CITY</u></b> NORFOLK	<b><u>STATE</u></b> VA
<b><u>AIRPORT ELEVATION</u></b> 28	<b><u>TDZE</u></b> 28	<b><u>SUPERSEDED</u></b> RNAV (GPS) RWY 10	<b><u>ORIGINAL/AMENDMENT</u></b> ORIG-A	<b><u>DATED</u></b> 06/25/2015	<b><u>MAG VAR</u></b> 10W
<b><u>FACILITY</u></b> RNAV	<b><u>COORDINATES OF FACILITIES</u></b>	<b><u>ACTUAL EFFECTIVE DATE</u></b> 15 AUGUST 2019	<b><u>REQUIRED EFFECTIVE DATE</u></b> ROUTINE	<b><u>CANCEL/SUSPEND</u></b>	<b><u>EPOCH YEAR</u></b> 2000

**TERMINAL ROUTES**

<b><u>FROM</u></b>	<b><u>FIX TYPE</u></b>	<b><u>TO</u></b>	<b><u>FIX TYPE</u></b>	<b><u>LEG TYPE</u></b>	<b><u>FO/FB</u></b>	<b><u>RNP</u></b>	<b><u>COURSE</u></b>	<b><u>DISTANCE</u></b>	<b><u>ALTITUDE</u></b>
DRONE		RONKE		TF	FB	1.00	357.04	8.83	2100
RONKE	IAF	SEZJY		TF	FB	1.00	018.49	7.00	2100
SEZJY	IF/IAF	PEFOC		TF	FB	1.00	102.26	6.22	1600
PEFOC	FAF	HUMIV/1.50 NM TO RW10		TF	FB	0.30	102.35	3.30	
HUMIV/1.50 NM TO RW10		RW10	MAP	TF	FO	0.30	102.35	1.50	
RW10	MAP	1600 MSL		CA			102.35		1600
1600 MSL		PSALM		DF	FO	1.00			2500

**MISSED APPROACH**

**MAP:**

LPV: DA  
 LNAV/VNAV: DA  
 LNAV: RW10

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 2500 DIRECT PSALM AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD W SEZJY, RT, 102.26 INBOUND, 2100 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 102.35FAF: PEFOCDIST FAF TO MAP: 4.80DIST FAF TO THLD: 4.80

4. MIN ALT: SEZJY 2100, PEFOC 1600, HUMIV/1.50 NM TO RW10 540\*

5. DIST TO THLD FROM OM:MM:IM:150 HAT:200 HAT: 0.49GS ANT:

6. MIN GP INCPT: 1600GP ALT AT FAF : PEFOC 1600OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 45.0

8. MSA FROM: RW10 2300

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 2 AND 20.  
CHART NOTE: CIRCLING CAT C NA N OF RWY 10-28.  
CHART NOTE: RWY 10 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.  
\*LNAV ONLY  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DRONE ON V1 SOUTHWEST BOUND AND ON V266 SOUTHEAST BOUND.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.  
WAAS CHANNEL #58236  
REFERENCE PATH ID: W10A  
CHART FAS OBST: 188 TWR 364614N/0762815W.  
HOLD SW, RT, 056.39 INBOUND  
LTP HAE: -28.2 M

MINIMUMS:

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

ALTERNATE: NA

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STANDARD - CAT C 800-2 1/4

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	228	3/4	200	228	3/4	200	228	3/4	200		NA				
LNAV/VNAV DA	338	7/8	310	338	7/8	310	338	7/8	310		NA				
LNAV MDA	420	1	392	420	1	392	420	1 1/8	392		NA				
CIRCLING	500	1	472	500	1	472	780	2 1/4	752		NA				



CHANGES - REASONS

1. REMOVED ROUTE FROM FKN VORTAC - VORTAC IS INOPERATIVE AND WILL NOT BE RESTORED.
2. HOLD-IN-LEAU ADDED AT SEZJY - AIR TRAFFIC REQUEST.
3. 20:1 IS CLEAR ADDED TO LINE 7 - INCLUDED ON NEW FORM.
4. DISTANCE TO THLD FROM 200 HAT CHANGED FROM 0.50 NM TO 0.49 NM. - TCH CHANGED FROM 40 TO 45 TO MATCH VGSI.
- 5 TCH CHANGED FROM 40 TO 45 - NOW MATCHES VGSI.
6. REMOVED "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NORFOLK INTL ALTIMETER SETTING AND INCREASE ALL DA 33 FEET AND ALL MDA 40 FEET; INCREASE LNAV/VNAV ALL CATS VISIBILITY AND LNAV CAT C VISIBILITY 1/8 MILE." - MOVED TO THE 8260-9 FOR CONTINGENCY PURPOSES.
7. REMOVED CHART NOTE "DME/DME RNP-0.3 NA" REMOVED - 8260.19H 4-6-10.E.
8. ADDED "CHART NOTE PBN REQUIREMENTS NOTE: RNP APCH" ADDED - 8260.19H 8-6-8.
9. REMOVED PLANVIEW NOTE "LIMIT MISSED APPROACH TO 210 KIAS." - NOT NEEDED.
- 10.CHANGED PLANVIEW PROCEDURE ENTRY RESTRICTION NOTES FROM "PROCEDURE NA FOR ARRIVALS ON FKN VORTAC AIRWAY RADIALS 001 CW 171" AND "PROCEDURE NA FOR ARRIVALS AT DRONE ON V1 SOUTHWEST BOUND" TO "PROCEDURE NA FOR ARRIVAL AT DRONE ON V1 SOUTHWEST BOUND AND ON V266 SOUTHEAST BOUND" - FEEDER FROM FKN VORTAC DELETED DUE TO DECOMMISSIONING AND UPDATE ON ARRIVALS AT DRONE.
11. LNAV/VNAV DA/HAT CHANGED FROM 432/404 TO 338/310, VISIBILITY CHANGED FROM 1 3/8 TO 7/8. - NEW EVALUATION.
12. CFC REMAINDER CHANGED FROM DECFBC6E TO 82BD67F2. - NEW TCH, LTP COORDINATES CHANGED, AND LTP ELLIPSOIDAL HEIGHT CHANGED.
- 13 DISTANCE FAF TO MAP AND THLD CHANGED FROM 4.81 TO 4.80. - NEW FAF LOCATION.
14. DISTANCE SEZJY TO PEFOC CHANGED FROM 6.20 TO 6.22. - NEW FAF LOCATION.
- 15 DISTANCE PEFOC TO HUMIV CHANGED FROM 3.31 TO 3.30. - NEW FAF LOCATION.
16. DELETED FAHRENHEIT VALUES FOR UNCOMPENSATED BARO-VNAV NOTE - NO LONGER REQUIRED.
- 17.ADDED NOTE "RWY 10 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - ADO DIRECTED VISIBILITY NO LOWER THAN 3/4 SM.
18. DELETED NOTE "HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA" - NO 20:1 PENETRATIONS.
19. AUTHORIZED ALTERNATE MINIMUMS AND ADDED ALTERNATE MINIMUMS NOTE- AIRPORT QUALIFIES.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZDC, ORF APP CON, AMGR.

FLIGHT CHECKED BY

JORGE A MALCUN

DEVELOPED BY

FRANK MOORE

APPROVED BY

PATRICK MULQUEEN

Digitally signed by

FRANK MOORE

Apr 02, 2019

Digitally signed by

DAVID TEFFETELLER

May 06, 2019

Digitally signed by

DAVID TEFFETELLER

May 06, 2019

OFFICE	DATE
FICO	4/25/19

OFFICE	DATE
AJV-A433	01/07/2019

OFFICE	DATE	TITLE
A43		MANAGER



**FAS DATA BLOCK INFORMATION**

<b><u>DATA FIELD</u></b>	<b><u>DATA</u></b>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPVG
RUNWAY	RW10
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W10A
LTP/FTP LATITUDE	364651.0255N
LTP/FTP LONGITUDE	0762743.7395W
LTP/FTP ELLIPSOIDAL HEIGHT	-00282
FPAP LATITUDE	364647.2765N
FPAP LONGITUDE	0762552.9255W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1120
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	82BD67F2

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00085
FPAP ORTHOMETRIC HEIGHT	+00085

