

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29**

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</u> HAMPTON ROADS EXECUTIVE | <u>AIRPORT ID</u> KPVG | <u>PROCEDURE NAME</u> ILS OR LOC RWY 10 | <u>ORIGINAL/AMENDMENT</u> ORIG-A | <u>CITY</u> NORFOLK | <u>STATE</u> VA |
| <u>AIRPORT ELEVATION</u> 28 | <u>TDZE</u> 28 | <u>SUPERSEDED</u> ILS OR LOC RWY 10 | <u>ORIGINAL/AMENDMENT</u> ORIG | <u>DATED</u> 03/26/2020 | <u>MAG VAR</u> 10W |
| <u>FACILITY</u> I-PVG | <u>COORDINATES OF FACILITIES</u> 364648.38N / 0762625.73W | <u>ACTUAL EFFECTIVE DATE</u> 10 SEPTEMBER 2020 | <u>REQUIRED EFFECTIVE DATE</u> ROUTINE | <u>CANCEL/SUSPEND</u> | |

TERMINAL ROUTES

| FROM | FIX TYPE | TO | FIX TYPE | LEG TYPE | FO/FB | RNP | COURSE | DISTANCE | ALTITUDE |
|-----------------------------|----------|-----------------------------|----------|----------|-------|------|--------|--------------|----------|
| ECG VOR/DME | | UBKUC | | TF | FO | 2.00 | 329.10 | 40.39 | 2100 |
| HPW VORTAC | | JIVED | | TF | FB | 2.00 | 153.62 | 31.07 | 2100 |
| JIVED | IAF | UBKUC/I-PVG 12.05 DME/RADAR | NOPT | TF | FB | 1.00 | 153.62 | 7.24 | 2100 |
| UBKUC/I-PVG 12.05 DME/RADAR | IF/IAF | YIBUV/I-PVG 5.84 DME/RADAR | | | | | 102.41 | 6.22 (I-PVG) | 1600 |

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.80 NM AFTER YIBUV/I-PVG 5.84 DME/RADAR OR AT I-PVG 1.04 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 2500 ON ORF VORTAC R-233 TO PSALM/ORF 19.28 DME/RADAR AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 1600 FOR RADAR VECTORS. (RADAR REQUIRED)

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD W UBKUC, RT, 102.41 INBOUND, 2100 FT. IN LIEU OF PT (IAF), MAX 4500.
3. FAC: 102.41 FAF: YIBUV/I-PVG 5.84 DME/RADAR DIST FAF TO MAP: 4.80 DIST FAF TO THLD: 4.80
4. MIN ALT: UBKUC/I-PVG 12.05 DME/RADAR 2100, YIBUV/I-PVG 5.84 DME/RADAR 1600, WORNII/I-PVG 2.55 DME/RADAR 540*
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 891
6. MIN GS INCPT: 1600 GS ALT AT FAF: YIBUV/I-PVG 5.84 DME/RADAR 1600 OM: MM: IM:
7. GP ANGLE: 3.00 34:1: 20:1: TCH: 45.0
8. MSA FROM: ORF VORTAC 2300



EQUIPMENT REQUIREMENTS NOTES:

RNAV 1-GPS OR RADAR REQUIRED FOR PROCEDURE ENTRY.
DME OR RADAR REQUIRED.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 2 AND 20.

*LOC ONLY

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON HPW VORTAC AIRWAY RADIALS 178 CW 237.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON ECG VOR/DME AIRWAY RADIALS 250 CW 311.

CHART NOTE: CIRCLING NA FOR CAT C N OF RWYS 10-28.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 053.39 INBOUND.

CHART FAS OBST: 134 TREE 364647N/0762831W.

CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA

| CATEGORY: | A | | | B | | | C | | | D | | | E | | | |
|-----------|------------|--------|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|---------|
| | FINAL TYPE | DA/MDA | VIS | HAT/HAA |
| S-ILS 10 | 228 | 3/4 | 200 | 228 | 3/4 | 200 | 228 | 3/4 | 200 | | NA | | | | | |
| S-LOC 10 | 400 | 1 | 372 | 400 | 1 | 372 | 400 | 1 | 372 | | NA | | | | | |
| CIRCLING | 500 | 1 | 472 | 500 | 1 | 472 | 780 | 2 1/4 | 752 | | NA | | | | | |

CHANGES - REASONS

1. CHANGED FEEDER SEGMENT FROM ECG VOR/DME TO UBKUC FROM A CONVENTIONAL SEGMENT TO AN RNAV SEGMENT - FEEDER ROUTE RADIAL 329 WAS UNUSABLE BEYOND 28 NM AT 2100, PER FIPC.
2. CHANGED FEEDER SEGMENT FROM HPW VORTAC TO JIVED FROM A CONVENTIONAL SEGMENT TO AN RNAV SEGMENT - FEEDER ROUTE RADIAL 154 WAS UNUSABLE BEYOND 30 NM AT 2100, PER FIPC.
3. CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 800 - TO CLEAR FDC NOTAM 0/3012.
4. ALTERNATE MINIMUMS: ALTERNATE MINIMUMS NA - PVG ILS MONITORING CHANGED TO CATEGORY 3 AND TO CLEAR FDC NOTAM 0/3012.
5. ALTERNATE MINIMUMS: DELETE @NA WHEN LOCAL WEATHER NOT AVAILABLE - ALTERNATE MINIMUMS NA DUE TO PVG ILS MONITORING CHANGING TO CATEGORY 3.
6. ALTERNATE MINIMUMS: DELETE #NA WHEN LOCAL WEATHER NOT AVAILABLE - ALTERNATE MINIMUMS NA DUE TO PVG ILS MONITORING CHANGING TO CATEGORY 3.
7. NOTES: PBN REQUIREMENTS NOTE: RNAV 1-GPS OR RADAR REQUIRED FOR PROCEDURE ENTRY - ADDED RNAV SEGMENTS FOR FEEDERS.
8. ADDITIONAL FLIGHT DATA: DELETED CHART IN PLANVIEW ONLY: ECG 40.39 DME AT UBKUC - SEGMENT CHANGED TO RNAV.
9. ADDITIONAL FLIGHT DATA: DELETED CHART IN PLANVIEW ONLY: HPW 38.3 DME AT UBKUC - SEGMENT CHANGED TO RNAV.
10. NOTES: CHANGED PLANVIEW NOTE FROM: PROCEDURE NA FOR ARRIVAL AT HPW VORTAC AIRWAY RADIALS 178 CW 205 TO PROCEDURE NA FOR ARRIVAL ON HPW VORTAC AIRWAY RADIALS 178 CW 237 - RNAV SEGMENT TURNONS ARE 90 INSTEAD OF 120.
11. NOTES: CHANGED PLANVIEW NOTE FROM: PROCEDURE NA FOR ARRIVAL AT ECG VOR/DME ON V 266 SOUTHEAST BOUND TO PROCEDURE NA FOR ARRIVAL ON ECG VOR/DME AIRWAY RADIALS 250 CW 311 - RNAV SEGMENT TURNONS ARE 90 INSTEAD OF 120.
12. TERMINAL ROUTES: CHANGED ALL REFERENCE OF JIVED INT/HPW 31.07 DME TO JIVED - CHANGED FIX TO A WAYPOINT.
13. TERMINAL ROUTES: CHANGED ALL REFERENCE OF UBKUC INT/I-PVG 12.05 DME/RADAR TO UBKUC/I-PVG 12.05 DME/RADAR - CHANGED FIX TO A WAYPOINT/DME/RADAR.
14. CHANGED RNP VALUE ON FEEDER SEGMENT FROM ECG VOR/DME TO UBKUC FROM 1.00 TO 2.00 - FAAO 8260.58A, PARA 1-2-4.
15. CHANGED RNP VALUE ON FEEDER SEGMENT FROM HPW VORTAC TO JIVED FROM 1.00 TO 2.00 - FAAO 8260.58A, PARA 1-2-4.



COORDINATED WITH:

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

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

DATE

Digitally signed by

MARK D ADAMS

Jul 15, 2020

DEVELOPED BY

JAMES ROGERS

Digitally signed by
JAMES ROGERS
Jun 23, 2020

OFFICE

AJV-A412

DATE

04/29/2020

APPROVED BY

JULIE MORGAN

Digitally signed by

MARK D ADAMS

Jul 15, 2020

OFFICE

AJV-A410

DATE

TITLE
MANAGER

