

**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 | <u>CITY</u> NORFOLK | <u>STATE</u> VA | |
| <u>AIRPORT ELEVATION</u> 28 | <u>TDZE</u> 28 | <u>SUPERSEDED</u> | <u>ORIGINAL/AMENDMENT</u> NONE | <u>DATED</u> | <u>MAG VAR</u> 10W | <u>EPOCH YEAR</u> 2000 |
| <u>FACILITY</u> I-PVG | <u>COORDINATES OF FACILITIES</u> I-PVG (AIRNAV) 364648.38N / 0762625.73W | <u>ACTUAL EFFECTIVE DATE</u> | <u>REQUIRED EFFECTIVE DATE</u> 3/26/2020 | <u>CANCEL/SUSPEND</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> |
|------------------------------------|-----------------|------------------------------------|-----------------|-----------------|--------------|------------|---------------|------------------|-----------------|
| ECG VOR/DME | | UBKUC INT/I-PVG 12.05 DME/RADAR | | | | | 329.10 | 40.39 | 2100 |
| HPW VORTAC | | JIVED INT/HPW 31.07 DME | | | | | 153.62 | 31.07 | 2100 |
| JIVED INT/HPW 31.07 DME | IAF | UBKUC INT/I-PVG 12.05 DME/RADAR | NOPT | | | | 153.62 | 7.24 (HPW R-154) | 2100 |
| UBKUC INT/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 INT/I-PVG 12.05 DME/RADAR 2100, YIBUV/I-PVG 5.84 DME/RADAR 1600, WORN/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:

DME OR RADAR REQUIRED.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 2 AND 20.
*LOC ONLY
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT HPW VORTAC AIRWAY RADIALS 178 CW 205.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT ECG VOR/DME ON V 266 SOUTHEAST BOUND.
CHART NOTE: CIRCLING NA FOR CAT C N OF RWYS 10-28.

ADDITIONAL FLIGHT DATA:

CHART IN PLANVIEW ONLY: ECG 40.39 DME AT UBKUC.
CHART IN PLANVIEW ONLY: HPW 38.3 DME AT UBKUC.
CHART CIRCLING ICON.
CHART FAS OBST: 134 TREE 364647N/0762831W.
HOLD SW, RT, 053.39 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - CAT C 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 |
| 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

I-PVG DME 364350.96N/0762625.77W, AIRNAV.

8/27/2019: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 5/9/2019:
1. REQUIRED EFFECTIVE DATE CHANGED FROM 10/10/2019 TO 3/26/2020

COORDINATED WITH:

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

FLIGHT CHECKED BY

PENDING

Digitally signed by

DAVID DANNER

Jul 11, 2019

Digitally signed by

JOHN LINDSEY

Jun 24, 2019

Digitally signed by

CASIMIR L TABAKA

Jul 09, 2019

OFFICE

DATE

OFFICE

AJV-A421

DATE

05/09/2019

APPROVED BY

MARLON ROBINSON

OFFICE

AJV-A420

DATE

TITLE
MANAGER



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

| | | | | | | | |
|----------------------------------------------|---------------------------|--------------------------------------------|-------------------------|------------------------|--------------------|--------------------------------|--------------------------|
| <u>AIRPORT</u> HAMPTON ROADS EXECUTIVE | <u>AIRPORT ID</u> KPVG | <u>PROCEDURE NAME</u> ILS OR LOC RWY 10 | <u>AMDT NO.</u> ORIG | <u>CITY</u> NORFOLK | <u>STATE</u> VA | <u>AIRPORT ELEVATION</u> 28 | <u>FACILITY</u> I-PVG |
|----------------------------------------------|---------------------------|--------------------------------------------|-------------------------|------------------------|--------------------|--------------------------------|--------------------------|

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

| | |
|----------------------------|----------------------------------------------|
| <u>FROM</u> ECG VOR/DME | <u>TO</u> UBKUC INT/I-PVG 12.05 DME/RADAR |
|----------------------------|----------------------------------------------|

| <u>RNP</u> | <u>DISTANCE</u> 40.39 | <u>PAT</u> | <u>MAP</u> | <u>HAT</u> | | | <u>HMAS</u> | | | | | |
|---------------------|--------------------------|------------|-----------------|-------------|-------------|-----------|-------------|------------|-----------|-------------|--------------------|----------------|
| <u>OBSTRUCTION</u> | <u>COORDINATES</u> | | <u>ELEV MSL</u> | <u>HORZ</u> | <u>VERT</u> | <u>AC</u> | <u>ROC</u> | <u>OCS</u> | <u>CG</u> | <u>CGTA</u> | <u>ADJUSTMENTS</u> | <u>MIN ALT</u> |
| 1.TOWER (51-000959) | 364406.20N/0763906.20W | | 568 | 50 | 20 | 2C | 1000 | | | | AT532 | 2100 |
| 2.TERRAIN | 364439.00N/0764509.00W | | 86 (100) | | | | | | | | AS1500 | 1600 |

COMPUTATIONS

| | | | | | | | | | | | |
|------------|-------------|-------------|------------|-------------|-----------|-----------|------------|----------------------|-------------|----------------|-------------------------------|
| <u>ALT</u> | <u>KIAS</u> | <u>KTAS</u> | <u>HAA</u> | <u>VKTW</u> | <u>TR</u> | <u>BA</u> | <u>DTA</u> | <u>COURSE CHANGE</u> | <u>DVEB</u> | <u>VEB OCS</u> | <u>RF CENTER FIX/DISTANCE</u> |
|------------|-------------|-------------|------------|-------------|-----------|-----------|------------|----------------------|-------------|----------------|-------------------------------|

SEGMENT REMARKS:

FEEDER

| | |
|---------------------------|--------------------------------------|
| <u>FROM</u> HPW VORTAC | <u>TO</u> JIVED INT/HPW 31.07 DME |
|---------------------------|--------------------------------------|

| <u>RNP</u> | <u>DISTANCE</u> 31.07 | <u>PAT</u> | <u>MAP</u> | <u>HAT</u> | | | <u>HMAS</u> | | | | | |
|---------------------|--------------------------|------------|-----------------|-------------|-------------|-----------|-------------|------------|-----------|-------------|--------------------|----------------|
| <u>OBSTRUCTION</u> | <u>COORDINATES</u> | | <u>ELEV MSL</u> | <u>HORZ</u> | <u>VERT</u> | <u>AC</u> | <u>ROC</u> | <u>OCS</u> | <u>CG</u> | <u>CGTA</u> | <u>ADJUSTMENTS</u> | <u>MIN ALT</u> |
| 3.TOWER (51-022743) | 370723.50N/0765203.20W | | 458 | 500 | 50 | 5D | 1000 | | | | AT642 | 2100 |
| 4.TERRAIN | 371024.00N/0765554.00W | | 165 (200) | | | | | | | | AS1500 | 1700 |

COMPUTATIONS

| | | | | | | | | | | | |
|------------|-------------|-------------|------------|-------------|-----------|-----------|------------|----------------------|-------------|----------------|-------------------------------|
| <u>ALT</u> | <u>KIAS</u> | <u>KTAS</u> | <u>HAA</u> | <u>VKTW</u> | <u>TR</u> | <u>BA</u> | <u>DTA</u> | <u>COURSE CHANGE</u> | <u>DVEB</u> | <u>VEB OCS</u> | <u>RF CENTER FIX/DISTANCE</u> |
|------------|-------------|-------------|------------|-------------|-----------|-----------|------------|----------------------|-------------|----------------|-------------------------------|

SEGMENT REMARKS:



INITIAL

FROM

JIVED INT/HPW 31.07 DME

TO

UBKUC INT/I-PVG 12.05 DME/RADAR

| RNP | DISTANCE | PAT | MAP | HAT | | | HMAS | | | | |
|---------------------|------------------------|----------|------|------|----|------|------|----|------|-------------|---------|
| | 7.24 | | | | | | | | | | |
| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
| 5.TOWER (51-000784) | 364814.00N/0764524.00W | 1096 | 20 | 3 | 1A | 1000 | | | | | 2100 |
| 6.TERRAIN | 365300.00N/0764309.00W | 92 (100) | | | | | | | | AS1500 | 1600 |

| COMPUTATIONS | ALT | KIAS | KTAS | HAA | VKTW | TR | BA | DTA | COURSE CHANGE | DVEB | VEB OCS | RF CENTER FIX/DISTANCE |
|--------------|-----|------|------|-----|------|----|----|-----|---------------|------|---------|------------------------|
|--------------|-----|------|------|-----|------|----|----|-----|---------------|------|---------|------------------------|

SEGMENT REMARKS:

INTERMEDIATE

FROM

UBKUC INT/I-PVG 12.05 DME/RADAR (IF/IAF)

TO

YIBUV/I-PVG 5.84 DME/RADAR

| RNP | DISTANCE | PAT | MAP | HAT | | | HMAS | | | | |
|---------------------|------------------------|----------|------|------|----|-----|------|----|------|-------------|---------|
| | 6.22 | | | | | | | | | | |
| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
| 7.TOWER (51-000823) | 364634.00N/0763656.00W | 539 | 500 | 50 | 5D | 500 | | | | | 1100 |
| 8.TERRAIN | 365054.00N/0764042.00W | 89 (100) | | | | | | | | AS1500 | 1600 |

| COMPUTATIONS | ALT | KIAS | KTAS | HAA | VKTW | TR | BA | DTA | COURSE CHANGE | DVEB | VEB OCS | RF CENTER FIX/DISTANCE |
|--------------|-----|------|------|-----|------|----|----|-----|---------------|------|---------|------------------------|
|--------------|-----|------|------|-----|------|----|----|-----|---------------|------|---------|------------------------|

SEGMENT REMARKS:



| | | | | | | | |
|----------------------------------------------|---------------------------|--------------------------------------------|-------------------------|------------------------|--------------------|--------------------------------|--------------------------|
| <u>AIRPORT</u> HAMPTON ROADS EXECUTIVE | <u>AIRPORT ID</u> KPVG | <u>PROCEDURE NAME</u> ILS OR LOC RWY 10 | <u>AMDT NO.</u> ORIG | <u>CITY</u> NORFOLK | <u>STATE</u> VA | <u>AIRPORT ELEVATION</u> 28 | <u>FACILITY</u> I-PVG |
|----------------------------------------------|---------------------------|--------------------------------------------|-------------------------|------------------------|--------------------|--------------------------------|--------------------------|

FINAL: ILS

FROM

YIBUV/I-PVG 5.84 DME/RADAR

TO

DA

| | | | | | |
|------------|-------------------------|------------|------------------|-------------------|-------------|
| <u>RNP</u> | <u>DISTANCE</u> 4.80 | <u>PAT</u> | <u>MAP</u> DA | <u>HAT</u> 200 | <u>HMAS</u> |
|------------|-------------------------|------------|------------------|-------------------|-------------|

| | | | | | | | | | | | |
|--------------------|--------------------|-----------------|-------------|-------------|-----------|------------|------------|-----------|-------------|--------------------|----------------|
| <u>OBSTRUCTION</u> | <u>COORDINATES</u> | <u>ELEV MSL</u> | <u>HORZ</u> | <u>VERT</u> | <u>AC</u> | <u>ROC</u> | <u>OCS</u> | <u>CG</u> | <u>CGTA</u> | <u>ADJUSTMENTS</u> | <u>MIN ALT</u> |
| | | | | | | | ASC | | | | 228 |

COMPUTATIONS

| | | | | | | | | | | | |
|------------|-------------|-------------|------------|-------------|-----------|-----------|------------|----------------------|-------------|----------------|-------------------------------|
| <u>ALT</u> | <u>KIAS</u> | <u>KTAS</u> | <u>HAA</u> | <u>VKTW</u> | <u>TR</u> | <u>BA</u> | <u>DTA</u> | <u>COURSE CHANGE</u> | <u>DVEB</u> | <u>VEB OCS</u> | <u>RF CENTER FIX/DISTANCE</u> |
|------------|-------------|-------------|------------|-------------|-----------|-----------|------------|----------------------|-------------|----------------|-------------------------------|

SEGMENT REMARKS:

FINAL: LOC

FROM

YIBUV/I-PVG 5.84 DME/RADAR

TO

WORNII/I-PVG 2.55 DME/RADAR

| | | | | | |
|------------|-------------------------|------------|------------|------------|-------------|
| <u>RNP</u> | <u>DISTANCE</u> 3.29 | <u>PAT</u> | <u>MAP</u> | <u>HAT</u> | <u>HMAS</u> |
|------------|-------------------------|------------|------------|------------|-------------|

| | | | | | | | | | | | |
|--------------------|------------------------|-----------------|-------------|-------------|-----------|------------|------------|-----------|-------------|--------------------|----------------|
| <u>OBSTRUCTION</u> | <u>COORDINATES</u> | <u>ELEV MSL</u> | <u>HORZ</u> | <u>VERT</u> | <u>AC</u> | <u>ROC</u> | <u>OCS</u> | <u>CG</u> | <u>CGTA</u> | <u>ADJUSTMENTS</u> | <u>MIN ALT</u> |
| 9.AAO | 364711.11N/0763158.58W | 226 | 50 | 20 | 2C | 250 | | | | RA33 DG31 | 540 |

COMPUTATIONS

| | | | | | | | | | | | |
|------------|-------------|-------------|------------|-------------|-----------|-----------|------------|----------------------|-------------|----------------|-------------------------------|
| <u>ALT</u> | <u>KIAS</u> | <u>KTAS</u> | <u>HAA</u> | <u>VKTW</u> | <u>TR</u> | <u>BA</u> | <u>DTA</u> | <u>COURSE CHANGE</u> | <u>DVEB</u> | <u>VEB OCS</u> | <u>RF CENTER FIX/DISTANCE</u> |
|------------|-------------|-------------|------------|-------------|-----------|-----------|------------|----------------------|-------------|----------------|-------------------------------|

SEGMENT REMARKS:

QUALITY
25
CHECKED

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FINAL: LOC STEPDOWN

FROM

WORNII/I-PVG 2.55 DME/RADAR

TO

4.80 NM AFTER YIBUV/I-PVG 5.84 DME/RADAR OR AT I-PVG 1.04 DME

| RNP | DISTANCE | PAT | MAP | HAT | HMAS |
|-----|----------|-----|------------------------------------------------------------------|-----|------|
| | 1.50 | | 4.80 NM AFTER YIBUV/I-PVG 5.84 DME/RADAR OR AT I-PVG 1.04 DME | 372 | |

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|---------------------|------------------------|----------|------|------|----|-----|-----|----|------|-------------|---------|
| 10.TREE (51-065875) | 364647.20N/0762831.44W | 134 | 20 | 3 | 1A | 250 | | | | | 400 |

COMPUTATIONS

| ALT | KIAS | KTAS | HAA | VKTW | TR | BA | DTA | COURSE CHANGE | DVEB | VEB OCS | RF CENTER FIX/DISTANCE |
|-----|------|------|-----|------|----|----|-----|---------------|------|---------|------------------------|
|-----|------|------|-----|------|----|----|-----|---------------|------|---------|------------------------|

SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM

UBKUC

TO

P-6

| RNP | DISTANCE | PAT | MAP | HAT | HMAS |
|-----|----------|-----|-----|-----|------|
| | | P-6 | | | |

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|---------------------|------------------------|----------|------|------|----|------|-----|----|------|-------------|---------|
| 5.TOWER (51-000784) | 364814.00N/0764524.00W | 1096 | 20 | 3 | 1A | 1000 | | | | | 2100 |
| 11.TERRAIN | 364851.00N/0764503.00W | 92 (100) | | | | | | | | AS1500 | 1600 |

COMPUTATIONS

| ALT | KIAS | KTAS | HAA | VKTW | TR | BA | DTA | COURSE CHANGE | DVEB | VEB OCS | RF CENTER FIX/DISTANCE |
|-----|------|------|-----|------|----|----|-----|---------------|------|---------|------------------------|
|-----|------|------|-----|------|----|----|-----|---------------|------|---------|------------------------|

SEGMENT REMARKS:



SEGMENT REMARKS:



MISSED APPROACH ALTERNATE : ILS

FROM

DA

TO

| RNP | DISTANCE | PAT | MAP | HAT | | | HMAS | | | | |
|----------------------|------------------------|----------|------|------|----|------|------|----|------|-------------|---------|
| | | | | | | | 63 | | | | |
| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
| | | | | | | | ASC | | | | 1600 |
| 16.TOWER (51-000205) | 364519.80N/0762305.93W | 524 | 20 | 3 | 1A | 1000 | | | | | 1600 |
| 17.TERRAIN | 364754.00N/0762330.00W | 20 (0) | | | | | | | | AS1500 | 1500 |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH ALTERNATE : LOC

FROM

4.80 NM AFTER YIBUV/I-PVG 5.84 DME/RADAR OR AT I-PVG 1.04 DME

TO

| RNP | DISTANCE | PAT | MAP | HAT | | | HMAS | | | | |
|----------------------|------------------------|----------|------|------|----|------|------|----|------|-------------|---------|
| | | | | | | | 137 | | | | |
| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
| | | | | | | | ASC | | | | 1600 |
| 16.TOWER (51-000205) | 364519.80N/0762305.93W | 524 | 20 | 3 | 1A | 1000 | | | | | 1600 |
| 17.TERRAIN | 364754.00N/0762330.00W | 20 (0) | | | | | | | | AS1500 | 1500 |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT

HAMPTON ROADS
EXECUTIVE

AIRPORT ID

KPVG

PROCEDURE NAME

ILS OR LOC RWY 10

AMDT NO.

ORIG

CITY

NORFOLK

STATE

VA

AIRPORT ELEVATION

28

FACILITY

I-PVG

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☐ CAT D

☐ CAT E

☐ NOT AUTHORIZED

| OBSTRUCTION | COORDINATES | RADIUS | HAA | ELEV MSL | HORZ | VERT | AC | ROC | OCS | ADJUSTMENTS | MIN ALT |
|----------------------|------------------------|--------|-----|----------|------|------|----|-----|-----|-------------|---------|
| CATEGORY A | | | | | | | | | | | |
| 14.TOWER (51-001900) | 364655.66N/0762509.76W | 1.30 | 472 | 192 | 50 | 20 | 2C | 300 | | | 500 |
| CATEGORY B | | | | | | | | | | | |
| 14.TOWER (51-001900) | 364655.66N/0762509.76W | 1.81 | 472 | 192 | 50 | 20 | 2C | 300 | | | 500 |
| CATEGORY C | | | | | | | | | | | |
| 15.TOWER (51-000920) | 364632.80N/0762309.60W | 2.84 | 752 | 461 | 50 | 20 | 2C | 300 | | | 780 |

CIRCLING REMARKS:

MSA

CENTER

ORF VORTAC

RADIUS

25

| SECTOR | OBSTRUCTION | COORDINATES | BEARING | DISTANCE | ELEV MSL | HORZ | VERT | AC | ROC | OCS | ADJUSTMENTS | MIN ALT |
|---------|-----------------|------------------------|---------|----------|----------|------|------|----|------|-----|-------------|---------|
| 360-360 | TWR (51-001802) | 364831.78N/0763011.30W | 258 | 15.4 | 1282 | 20 | 3 | 1A | 1000 | | | 2300 |

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

QUALITY
25
CHECKED

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| | | | | | | | |
|----------------------------------------------|---------------------------|--------------------------------------------|-------------------------|------------------------|--------------------|--------------------------------|--------------------------|
| <u>AIRPORT</u> HAMPTON ROADS EXECUTIVE | <u>AIRPORT ID</u> KPVG | <u>PROCEDURE NAME</u> ILS OR LOC RWY 10 | <u>AMDT NO.</u> ORIG | <u>CITY</u> NORFOLK | <u>STATE</u> VA | <u>AIRPORT ELEVATION</u> 28 | <u>FACILITY</u> I-PVG |
|----------------------------------------------|---------------------------|--------------------------------------------|-------------------------|------------------------|--------------------|--------------------------------|--------------------------|

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
DCA FSS, ORF APP CON

| | | | | | | |
|-----------------------------------|-------------------------|----------------------------|---------------------------------|--------------------------|-----------------------|--------------------------|
| <u>WX SERVICE</u> AWOS | <u>LOCATION</u> KPVG | <u>HRS OPERATION</u> 24 | <u>ALTIMETER SOURCE</u> KPVG | <u>DISTANCE</u> 0 | <u>SERVICE-A</u> Y | <u>ADJUSTMENTS</u> 0 |
| <u>BACK-UP WX SERVICE</u> ASOS | <u>LOCATION</u> KORF | <u>HRS OPERATION</u> 24 | <u>ALTIMETER SOURCE</u> KORF | <u>DISTANCE</u> 13.82 | <u>SERVICE-A</u> Y | <u>ADJUSTMENTS</u> 33 |

WX REMARKS:
PRESSURE PATTERNS THE SAME
KPVG 28, KORF 26.4
RA=33.0

| | | | |
|--------------------------------|-------------------------------------------|----------------------------|-----------------|
| <u>PRIMARY NAVAID</u> I-PVG | <u>MONITOR POINT</u> TERMINAL BUILDING | <u>HRS OPERATION</u> 24 | <u>CAT</u> 1 |
|--------------------------------|-------------------------------------------|----------------------------|-----------------|

| | | |
|--------------------------------------------|------------------------|----------------------------|
| <u>APPROACH AND RUNWAY LIGHTING SYSTEM</u> | <u>RUNWAY MARKINGS</u> | <u>RUNWAY VISUAL RANGE</u> |
| RW02 - MIRL (PCL) | NPI-F | |
| RW20 - MIRL (PCL) | NPI-F | |
| RW28 - HIRL, REIL, PAPI-4L | NPI-G | |
| RW10 - HIRL, REIL, PAPI-4L | PIR-G | |

| | | | | | | |
|---------------------------------|-----------------------------------|--------------------|--------------------------------|---------------------------------|---------------------------|--------------------|
| <u>GLIDESLOPE ANGLE</u> 3.00 | <u>ELEV RWY THRESHOLD</u> 27.9 | <u>TCH</u> 45.0 | <u>ELEV GS ANTENNA</u> 21.5 | <u>DISTANCE FROM RWY</u> 891 | <u>VGSI ANGLE</u> 3.00 | <u>TCH</u> 45.0 |
|---------------------------------|-----------------------------------|--------------------|--------------------------------|---------------------------------|---------------------------|--------------------|

FINAL APPROACH COURSE AIMING
RUNWAY THRESHOLD ☒
ON CENTERLINE ☒

FT FROM THRESHOLD
FT FROM CENTERLINE

DISPLACED THRESHOLD DISTANCE

CRITICAL TEMPERATURES

| | | | |
|---------------------|----------------------|------------|----------------|
| <u>CRITICAL LOW</u> | <u>CRITICAL HIGH</u> | <u>ACT</u> | <u>APT ISA</u> |
|---------------------|----------------------|------------|----------------|

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

QUALITY
25
CHECKED

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| | | | | | | | |
|-----------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------------|-------------------------|------------------------|--------------------|--------------------------------|--------------------------|
| <u>AIRPORT</u> HAMPTON ROADS EXECUTIVE | <u>AIRPORT ID</u> KPVG | <u>PROCEDURE NAME</u> ILS OR LOC RWY 10 | <u>AMDT NO.</u> ORIG | <u>CITY</u> NORFOLK | <u>STATE</u> VA | <u>AIRPORT ELEVATION</u> 28 | <u>FACILITY</u> I-PVG |
| PART D: AIRSPACE | | | | | | | |
| DOCKET # | | | | | | | |
| ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE | | | | | | | |
| DISTANCE FROM | THLD | TO 1000FT POINT | 2.91 | | | | |
| WIDTH OF | FINAL | SEGMENT AT 1000FT POINT | 0.85 | | | | |
| TRUE COURSE OF | FINAL | SEGMENT CONTAINING 1000FT POINT | 092.41 | | | | |
| HIGH TERRAIN IN | FINAL | SEGMENT CONTAINING 1000FT POINT | 26 | | | | |
| DISTANCE FROM | THLD | TO 1500FT POINT | 4.60 | | | | |
| WIDTH OF | FINAL | SEGMENT AT 1500FT POINT | 1.21 | | | | |
| TRUE COURSE OF | FINAL | SEGMENT CONTAINING 1500FT POINT | 092.41 | | | | |
| HIGH TERRAIN IN | FINAL | SEGMENT CONTAINING 1500FT POINT | 26 | | | | |
| THRESHOLD COORDINATES (IF STR-IN) | 364651.03N/0762743.74W | | | | | | |
| ARP COORDINATES | 364650.75N/0762704.61W | | | | | | |
| RUNWAY APCH END AND DIST FURTHEST FROM ARP | RUNWAY 10 DISTANCE 0.52 NM | | | | | | |
| FAF COORDINATES | 364702.95N/0763341.61W | | | | | | |
| FIX NAME COORDINATES | | | | | | | |
| REMARKS | | | | | | | |

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FACILITY
I-PVG

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