

GENERAL**Operational Hours****ATS Hours:** TWR 1100-0400†**AD OPS Hours:** Attended continuously**Airport Information****RFF:** FAA Index B / CAT 6**Fuel:** Jet A**PCN:** RWY 07/25: 73/R/B/W/T

RWY 02/20: 68/R/C/W/T

Operation**Traffic Note**

45min PPR for unscheduled ACFT with more than 30 PAX seats.

RWY, APCH and TWY lights are turned off when TWR CLSD, thereafter activation by CTAF.

Warnings**ORF VOR** unusable:

R325-R335 beyond 10NM below 4000ft.

R325-R335 beyond 20NM.

Glider activity approx 19SM SW of AD up to base of clouds.

Birds and deer in vicinity of AD.

ARRIVAL**Speed**

MAX IAS 250KT below 10000ft.

Communication**COM Failure:** See CRAR.**Arrival Procedure****Land And Hold Short Operation (LAHSO)**

These OPS include LDG and HLDG short of an intersection RWY/TWY or other predetermined points on the RWY other than RWY or TWY marked with (*).

| LDG RWY | Hold Short Point (HSP) | Distance |
|----------------|-------------------------------|-----------------|
| RWY 20 | RWY 07/25* | 1585m / 5200ft |
| RWY 25 | RWY 02/20* | 1996m / 6550ft |

Non-standard GP Intercept Position on RWY 25

GP intercepts RWY 25 at 320m / 1049ft after landing threshold.

Remaining DIST beyond 2119m / 6954ft.

Warnings**LOC RWY 20** backcourse unusable.

DEPARTURE**Take-off Minima**

| RWY | | 07 | |
|---------|------------|----------------|---|
| 1+2 ENG | ft - ft/SM | 0 - 5000R/1.0V | - |
| 3+4 ENG | | 0 - 2400R/0.5V | - |
| RWY | | 02/20, 25 | |
| 1+2 ENG | ft - ft/SM | 0 - 1.0V | - |
| 3+4 ENG | | 0 - 0.5V | - |

Speed

MAX IAS 250KT below 10000ft.

Communication**COM Failure:** See CRAR.

PHF-KPHF

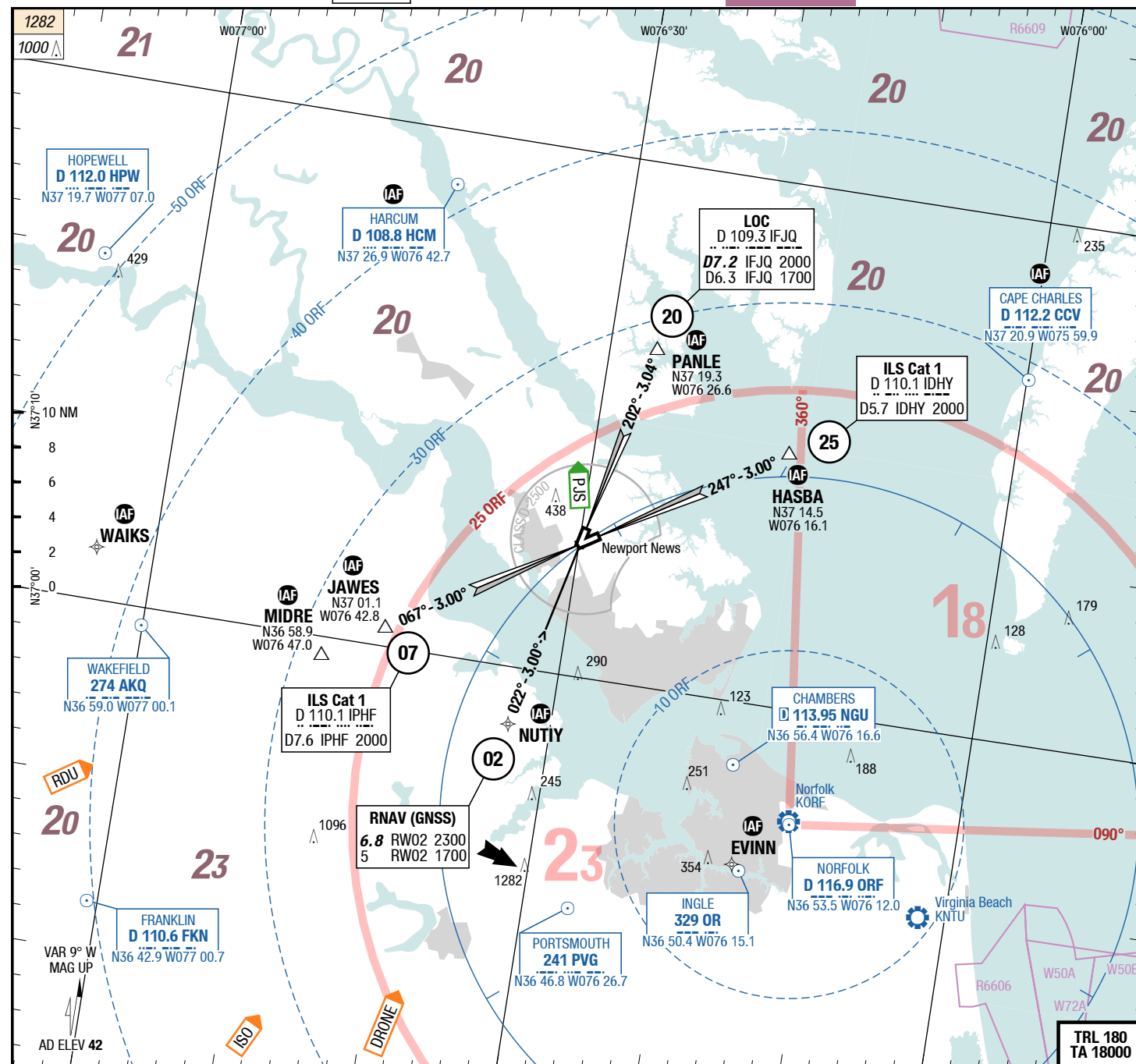
AFC

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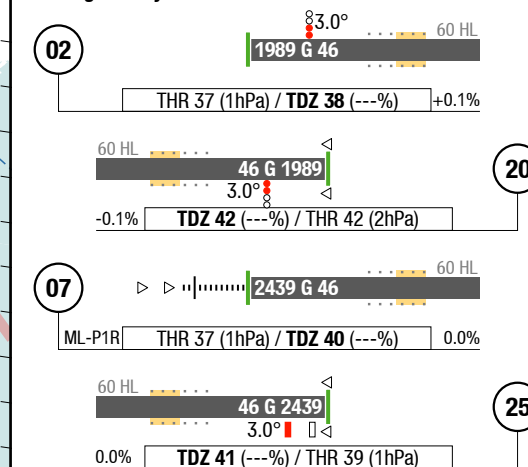
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2-10



| | | | |
|---------------------|---------|------------|-------------------------|
| ATIS | 128.650 | ASOS | |
| Norfolk APP | | | 118.900 |
| | | | 125.700 |
| Norfolk DEP | | | 124.900 |
| TWR | 118.700 | 1100-0400± | |
| GND | 121.900 | | |
| DLV | 121.650 | | 124.900 when TWR closed |
| Pre Taxi CLR | | | 121.650 |
| CTAF | 118.700 | ARCAL | |
| Leesburg RDO | | | 122.650 |
| | | | 122.200 |
| Unicom | 122.950 | | |

Landing RWY system:



Changes: APL, MSA, Navaid , OBST, APCH boxes

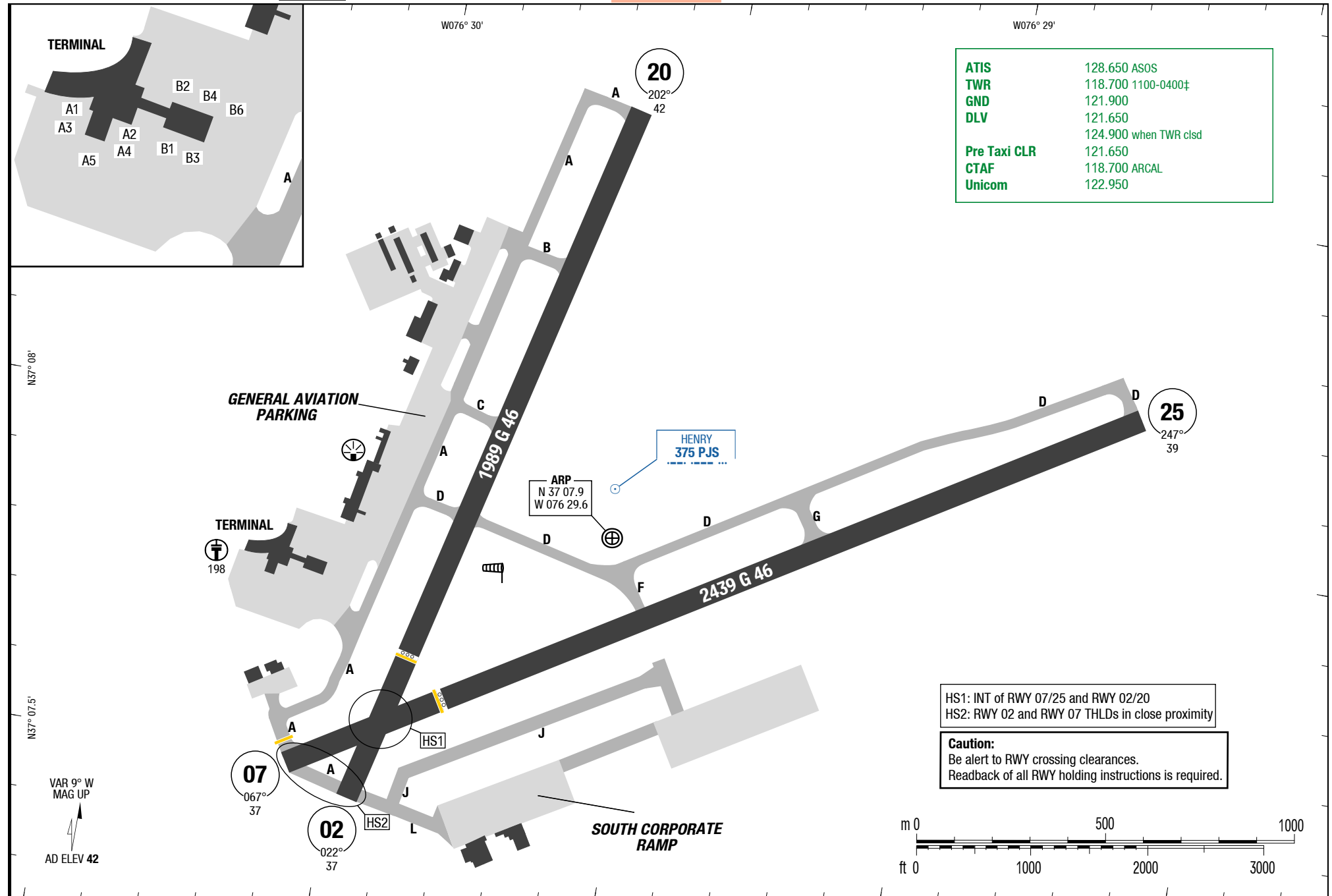
3-20

AGC

AGC

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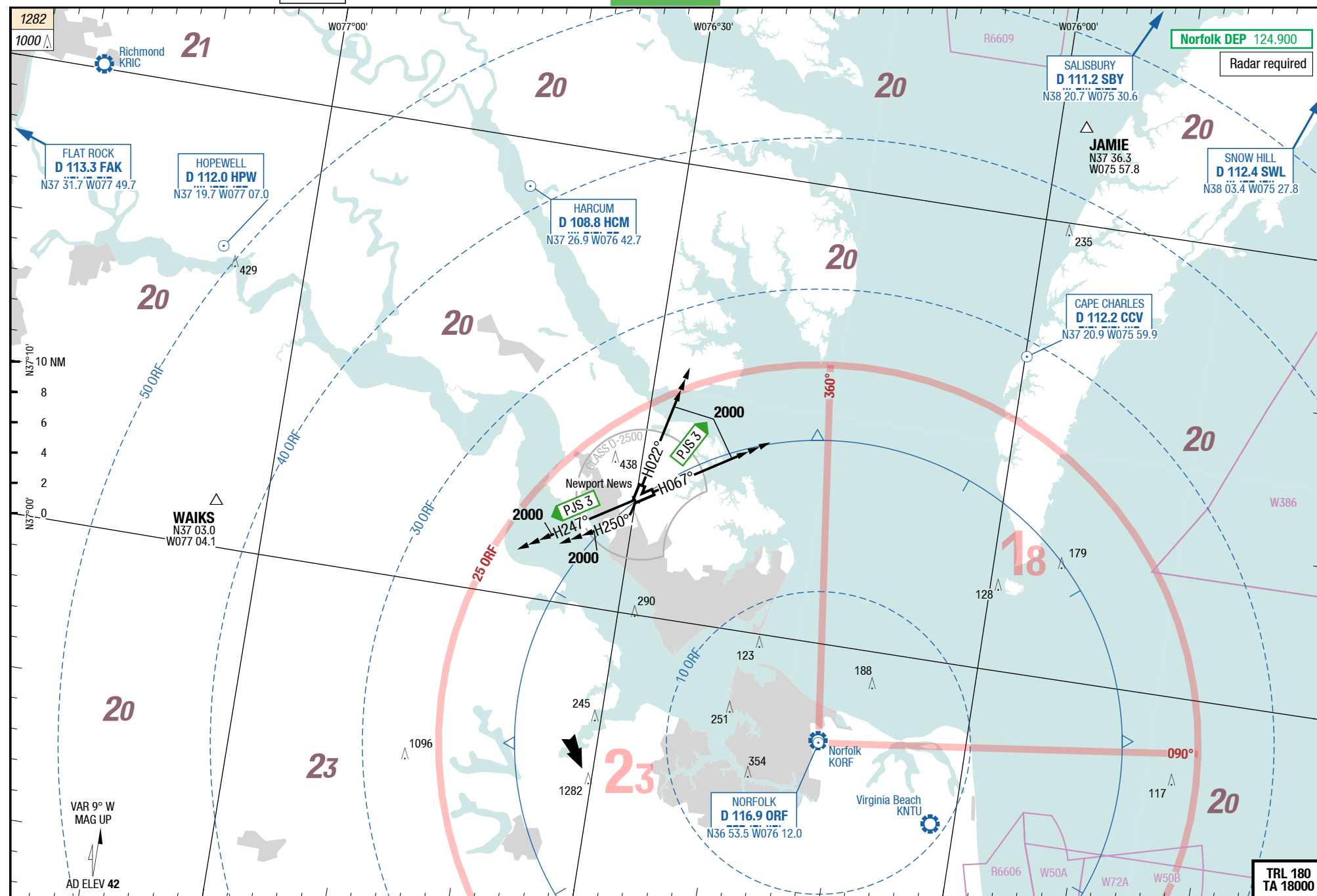
NIL

HENRY 3

SID

SID

HENRY 3



Changes: MSA, NAVAID, OBST

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19-MAY-2016

PHF-KPHF**5-10****HENRY 3****SIDPT****HENRY 3**

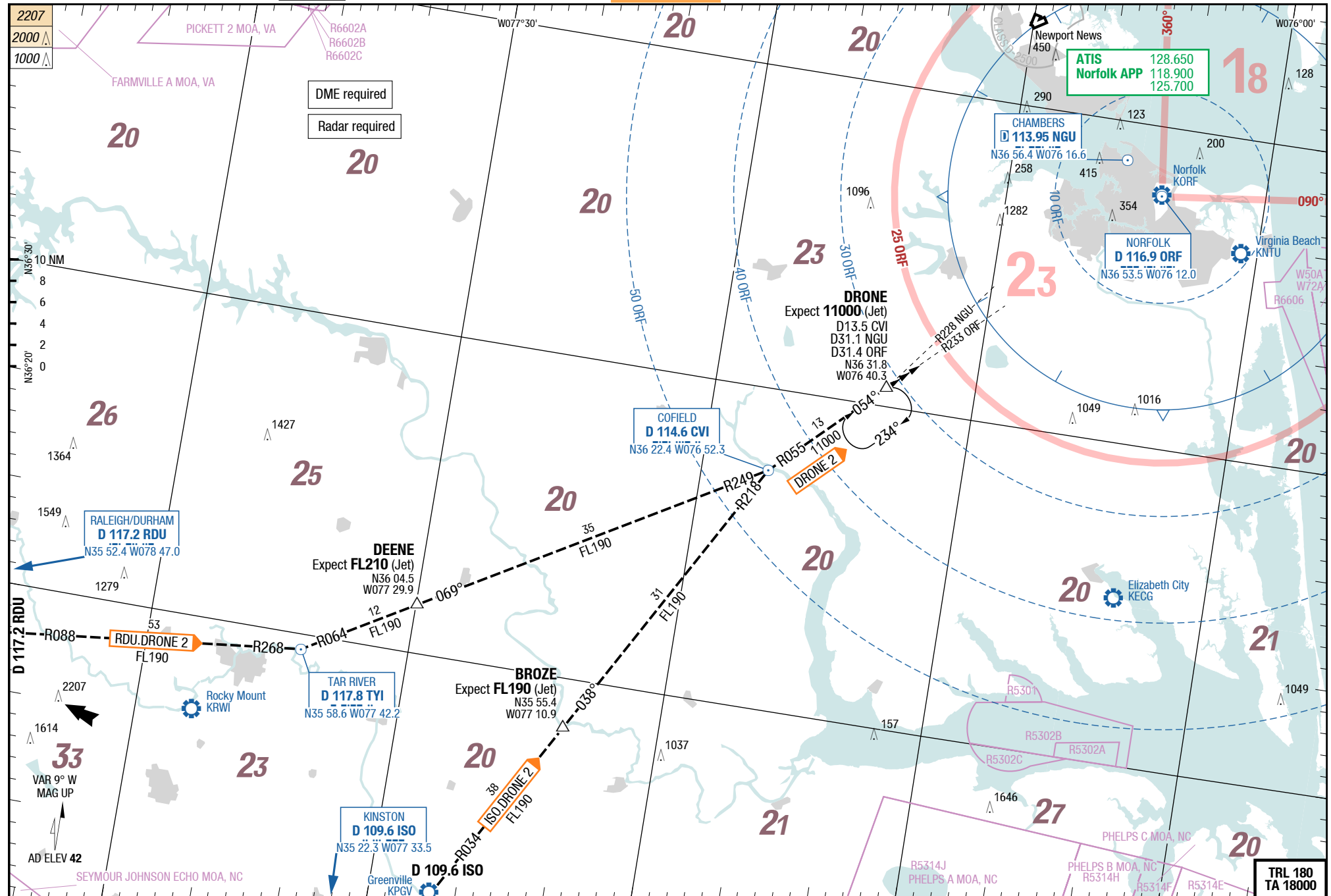
RWYs 02 (022°) / 07 (067°) / 20 (202°) / 25 (247°)

| DESIGNATOR | ROUTING | ALTITUDES |
|---|--|--------------------|
| HENRY 3 PSJ 3 124.900 ① | | initial climb 2000 |
| RWY 02 | HDG 022° - Radar vectors to assigned departure route/fix | |
| RWY 07 | HDG 067° - Radar vectors to assigned departure route/fix | |
| RWY 20 | RT HDG 250° - Radar vectors to assigned departure route/fix | |
| RWY 25 | HDG 247° - Radar vectors to assigned departure route/fix | |

① Expect clearance to requested altitude 10 minutes after departure.

PHF-KPHF**5-30****Obstacle Departure****SIDPT**

| Obstacle Departure | |
|---------------------------|--|
| RWY | Notes |
| 02 | REIL 15ft from DER, 150ft left of centerline, 43ft MSL. Tree and airport sign beginning 21ft from DER, 259ft left of centerline, up to 50ft MSL. Trees beginning 45ft from DER, 386ft right of centerline, up to 51ft MSL. Trees beginning 212ft from DER, 375 right of centerline, up to 53ft MSL. Tree 366ft from DER, 597ft right of centerline, 55ft MSL. Tree 439ft from DER, 487ft right of centerline, 56ft MSL. Tree 689ft from DER, 652ft right of centerline, 60ft MSL. Pole 840ft from DER, 625ft left of centerline, 78ft MSL. Poles beginning 840ft from DER, 522ft left of centerline, up to 37ft AGL/80ft MSL. Trees beginning 898ft from DER, 723ft right of centerline, up to 124ft MSL. Tree and pole beginning 935ft from DER, 427ft left of centerline, up to 131ft MSL. Trees beginning 1067ft from DER, 253ft right of centerline, up to 135ft MSL. Tree and pole beginning 1183ft from DER, 498ft right of centerline, up to 140ft MSL. Trees beginning 1399ft from DER, 428ft left of centerline, up to 150ft MSL. Trees beginning 1629ft from DER, 413ft right of centerline, up to 151ft MSL. Tree and T-L tower beginning 1704ft from DER, 47ft left of centerline, up to 156ft MSL. T-L towers and trees beginning 3347ft from DER, 5ft left of centerline, up to 163ft MSL. |
| 07 | Signs beginning 55ft from DER, 282ft left of centerline, up to 8ft AGL/42ft MSL. Tree 368ft from DER, 588ft left of centerline, 73ft MSL. Tree 1557ft from DER, 906ft right of centerline, 95ft MSL. Trees beginning 1557ft from DER, 904ft right of centerline, up to 96ft MSL. Tree 2279ft from DER, 932ft right of centerline, 99ft MSL. Trees beginning 2477ft from DER, 909ft right of centerline, up to 110ft MSL. Tree 3535ft from DER, 1395ft left of centerline, 140ft MSL. Trees beginning 3535ft from DER, 1291 ft left of centerline, up to 141ft MSL. Trees beginning 3884ft from DER, 965ft left of centerline, up to 144ft MSL. Trees beginning 3927ft from DER, 315ft left of centerline, up to 147ft MSL. Trees beginning 3958ft from DER, 235ft left of centerline, up to 153ft MSL. Tree 4288ft from DER, 454ft right of centerline, 154ft MSL. T-L towers beginning 5621ft DER, 1337ft left of centerline, up to 189ft MSL. |
| 20 | Airport sign 41ft from DER, 310ft right of centerline, 39ft MSL. Bush 96ft from DER, 290ft left of centerline 52ftMSL. Trees beginning 1038ft from DER, 489ft left of centerline, up to 90ft MSL. Trees beginning 2779ft from DER, 1002ft right of centerline, up to 111ft MSL. |
| 25 | Tree 357ft from DER, 563ft right of centerline, 48ft MSL. Tree 539ft right of centerline, 59ft MSL. Trees beginning 623ft from DER, 550ft right of centerline, up to 71ft MSL. Tree 719ft from DER, 580ft right of centerline, 79ft MSL. Trees beginning 776ft from DER, 581ft right of centerline, up to 86ft MSL. Trees beginning 853ft from DER, 600ft right of centerline, up to 91ft MSL. Trees beginning 1021ft from DER, 587ft right of centerline, up to 97ft MSL. Tree 1046ft from DER, 672ft right of centerline, 112ft MSL. Tree 1121ft from DER, 726ft right of centerline, 115ft MSL. Tree 1121ft from DER, 745ft right of centerline, 119ft MSL. Trees beginning 1125ft from DER, 335ft right of centerline, up to 123ft MSL. Tree 3437ft from DER, 1126ft right of centerline, 139ft MSL. |



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ILS or LOC 25

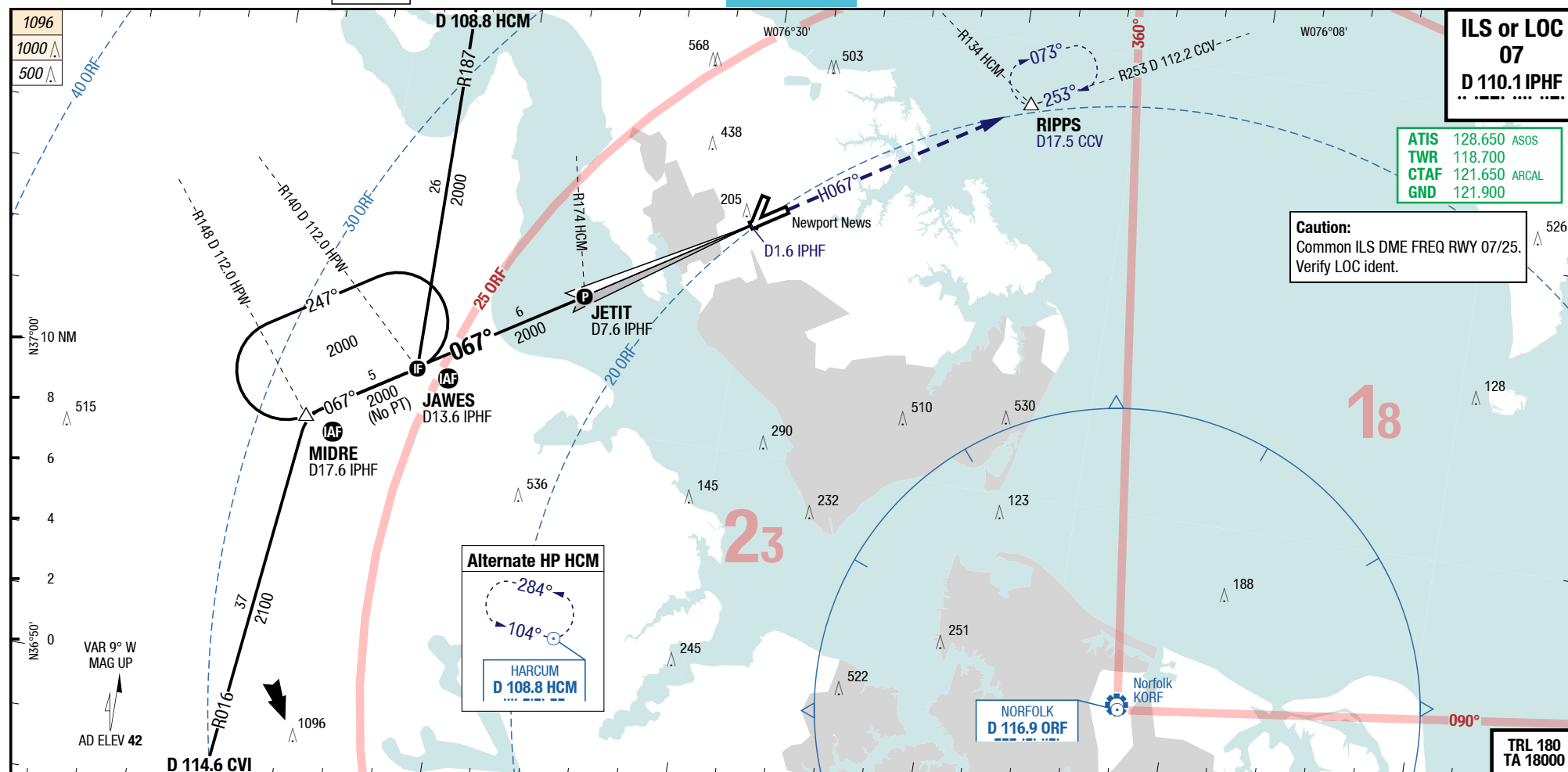
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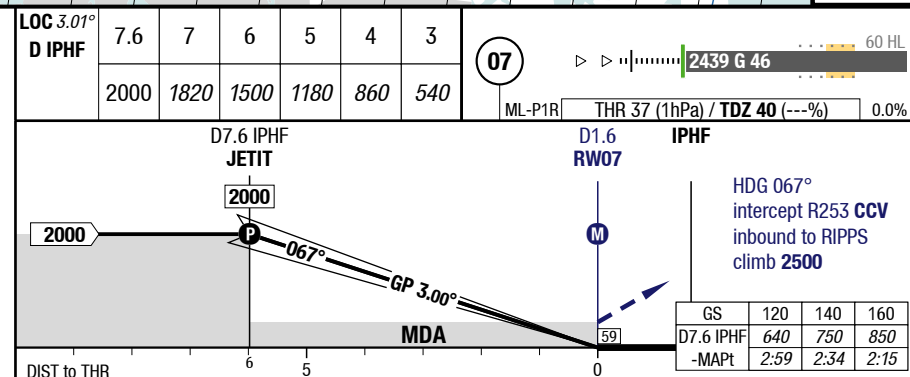
IAC

ILS or LOC 25

ILS or LOC 07



| 07 | | Cat 1 | LOC | | | | Circling |
|-------------|------------------|--------------------------------|---------------------------------|--|--|--|---------------------------|
| TERP | | | | | | | NGW TERPS |
| C | ft - ft/SM ft | 240 - 2400R/0.5V 280 | 440 - 4500R/0.88V 480 | | | | 700 - 2.0V 740 |
| D | ft - ft/SM ft | 240 - 2400R/0.5V 280 | 440 - 4500R/0.88V 480 | | | | 740 - 2.25V 780 |



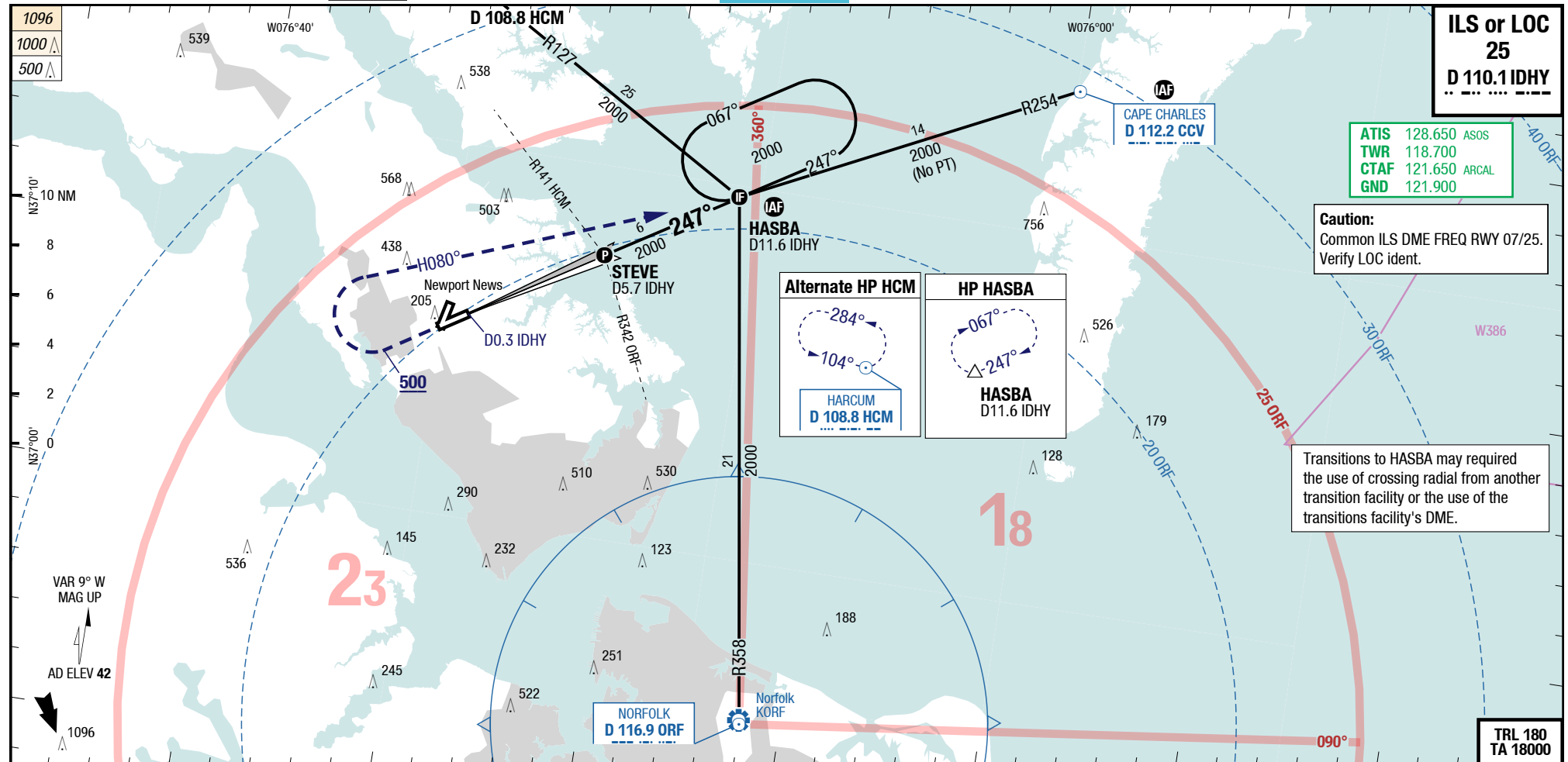
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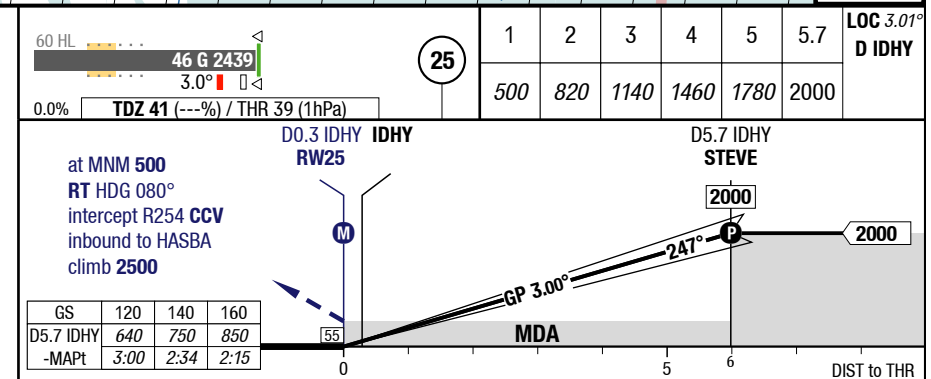
7-20

ILS or LOC 25

ILS or LOC 25



| 25 | | Cat 1 | LOC | Circling TERPS | |
|----|------------------|--------------------|--------------------|--------------------|--|
| C | ft - ft/SM ft | 200 - 0.75V 250 | 440 - 1.25V 480 | 700 - 2.0V 740 | |
| D | ft - ft/SM ft | 200 - 0.75V 250 | 440 - 1.25V 480 | 740 - 2.25V 780 | |



Effective 22-JUN-2017

15-JUN-2017

PHF-KPHF

United States Newport News Newport News/Williamsburg Intl

NIL

LOC 20

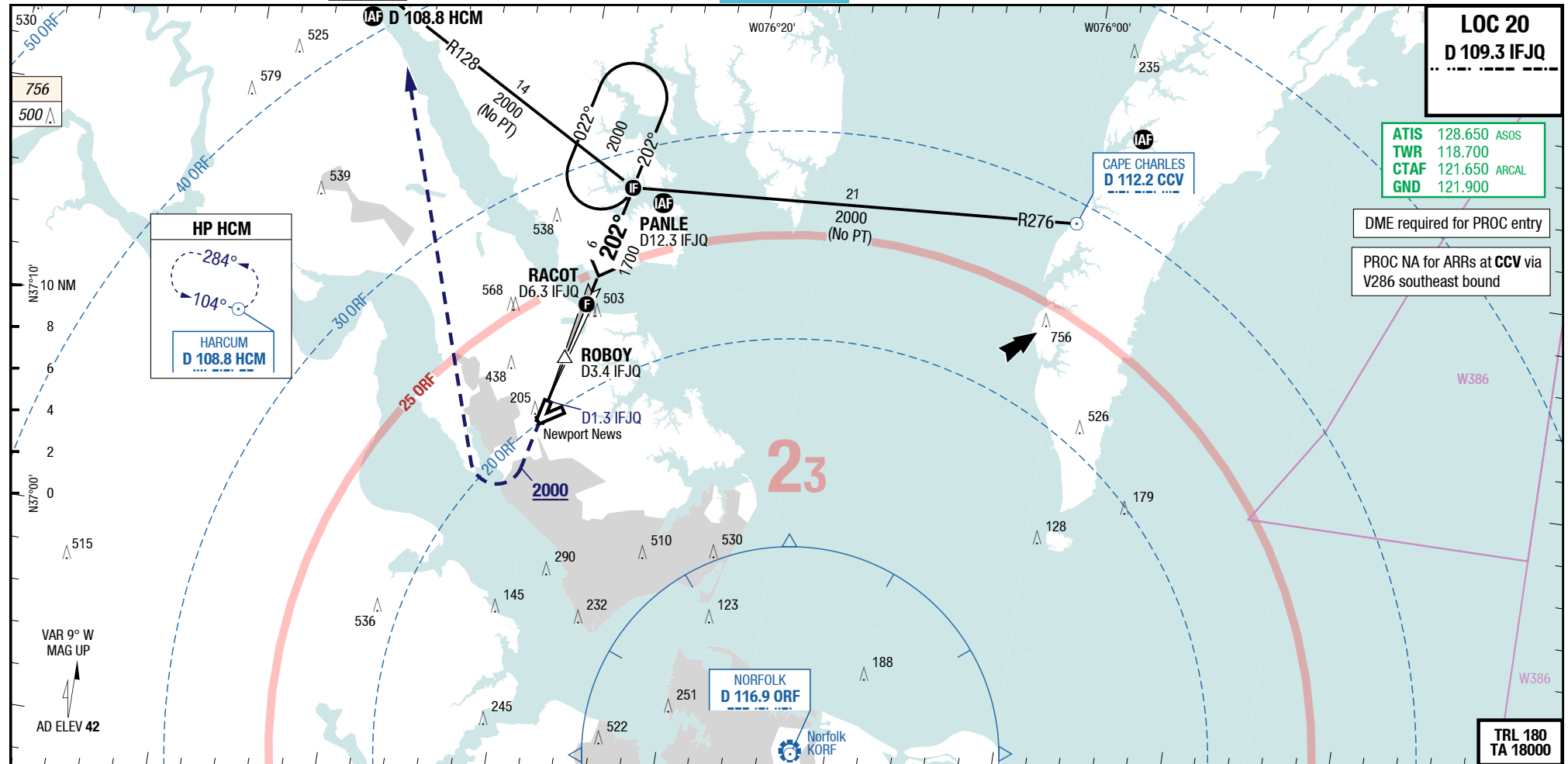
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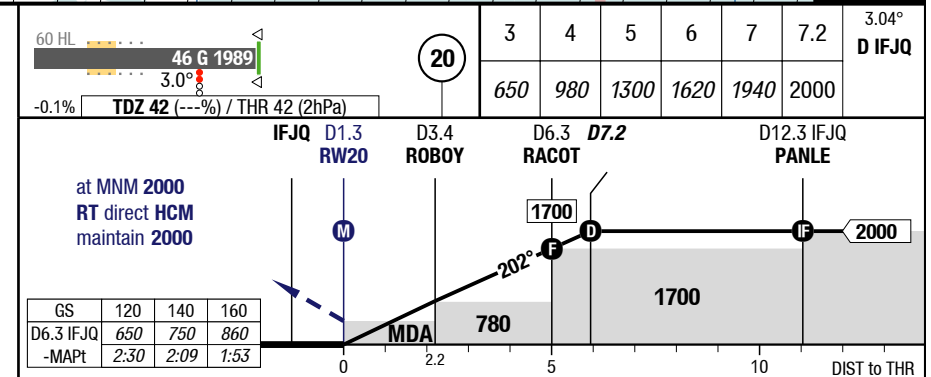
Newport News/Williamsburg Intl Newport News United States

NIL

LOC 20



| 20 | | LOC DME | | Circling TERPS | |
|----|------------------|-------------------|--|--------------------|--|
| C | ft - ft/SM ft | 380 - 1.0V 420 | | 700 - 2.0V 740 | |
| D | ft - ft/SM ft | 380 - 1.0V 420 | | 740 - 2.25V 780 | |



Changes: Completely revised

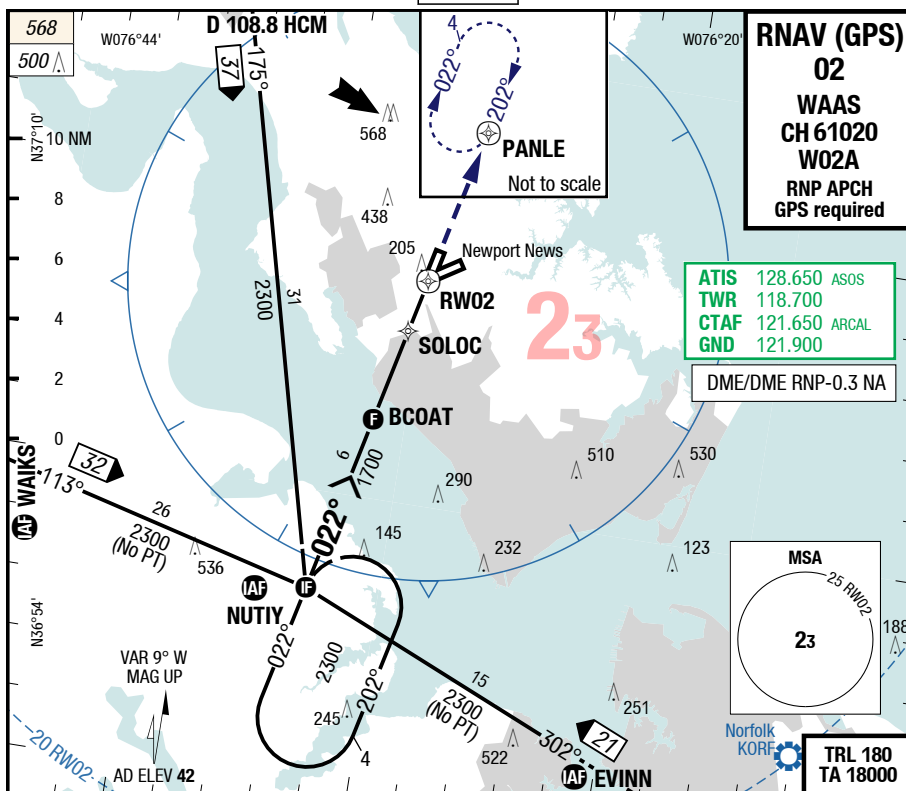
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7-50

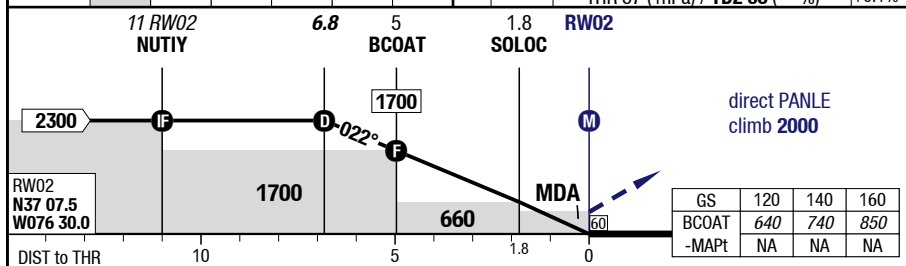
RNAV (GPS) 02



| | | | | | | | | |
|---------------|--|------|------|------|------|-----|----|--|
| 3.00° RW02 | | 6.8 | 6 | 4 | 3 | 2 | 02 | |
| | | 2300 | 2040 | 1390 | 1070 | 750 | | |

THR 37 (1hPa) / TDZ 38 (---%)

+0.1%



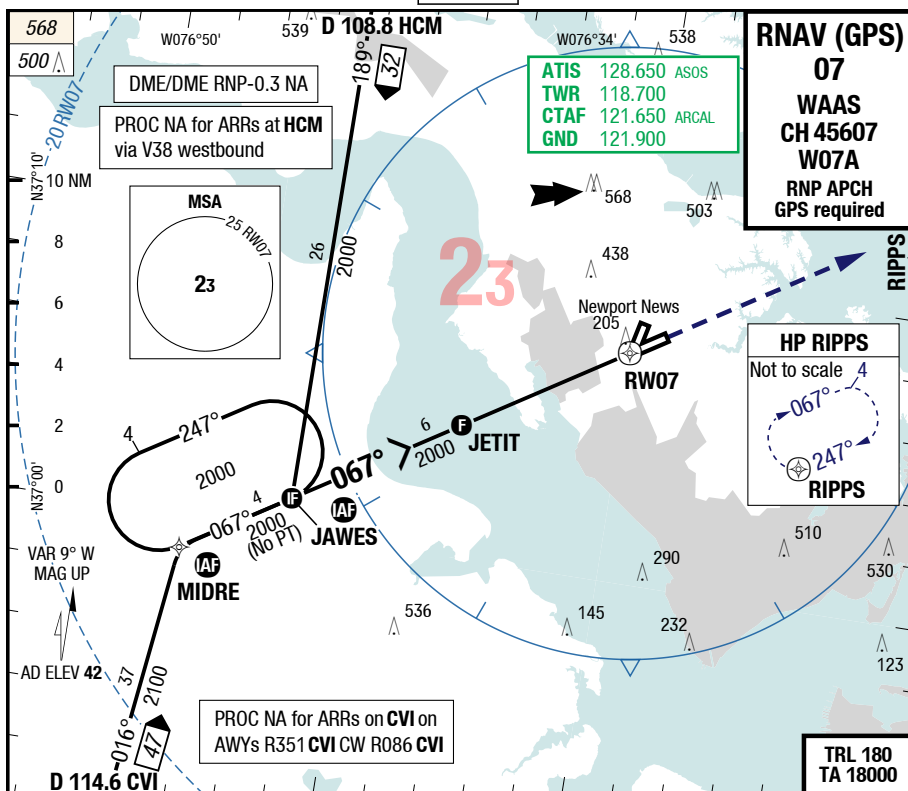
| 02 | | RNAV GPS LPV | RNAV GPS VNAV 1) | RNAV GPS LNAV | | Circling TERPS |
|----|------------------|-------------------|---------------------|--------------------|--|--------------------|
| C | ft - ft/SM ft | 210 - 1.0V 250 | 440 - 1.5V 480 | 430 - 1.25V 460 | | 700 - 2.0V 740 |
| D | ft - ft/SM ft | 210 - 1.0V 250 | 440 - 1.5V 480 | 430 - 1.25V 460 | | 740 - 2.25V 780 |

1) Uncompensated Baro VNAV NA below -15°C (5°F) or above 48°C (118°F)

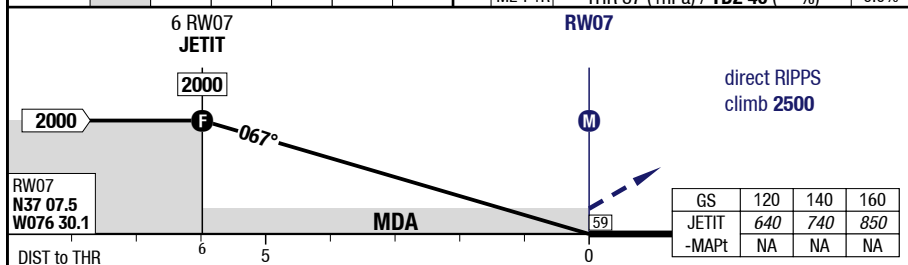
PHF-KPHF

7-60

RNAV (GPS) 07



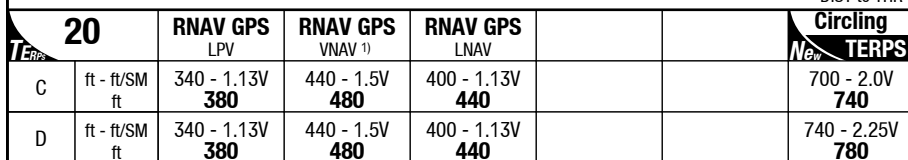
| | | | | | | | |
|---------------|--|------|------|------|------|-----|---|
| 3.00° RW07 | | 6 | 5 | 4 | 3 | 2 | <div> <div>07</div> <div> <div>▶ ▶ 2439 G 46</div> <div>60 HL</div> </div> </div> |
| | | 2000 | 1690 | 1370 | 1060 | 740 | |



| 07 | | RNAV GPS LPV | RNAV GPS VNAV 1) | RNAV GPS VNAV APL U/S 1) | RNAV GPS LNAV | Circling <i>N_{ew}</i> TERPS |
|----|------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|---|
| C | ft - ft/SM ft | 210 - 2400R/0.5V 250 | 440 - 5000R/1.0V 480 | 440 - 1.38V 480 | 440 - 4500R/0.88V 480 | 700 - 2.0V 740 |
| D | ft - ft/SM ft | 210 - 2400R/0.5V 250 | 440 - 5000R/1.0V 480 | 440 - 1.38V 480 | 440 - 4500R/0.88V 480 | 740 - 2.25V 780 |

1) Uncompensated Baro VNAV NA below -11°C (13°F) or above 54°C (130°F)

RNAV (GPS) 20

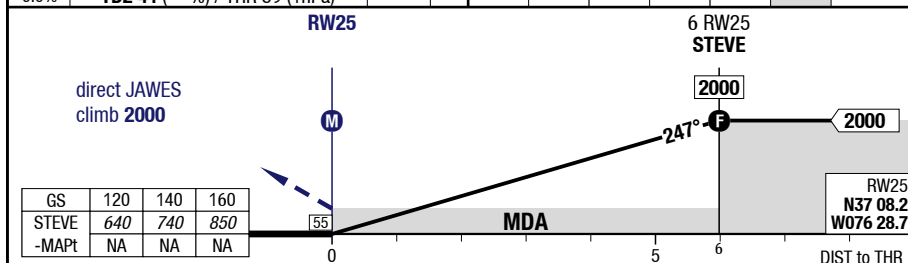
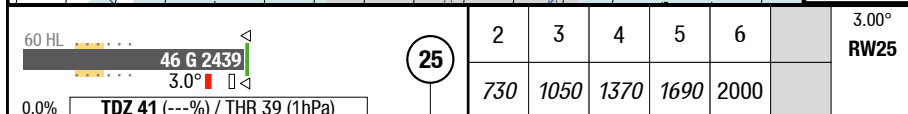
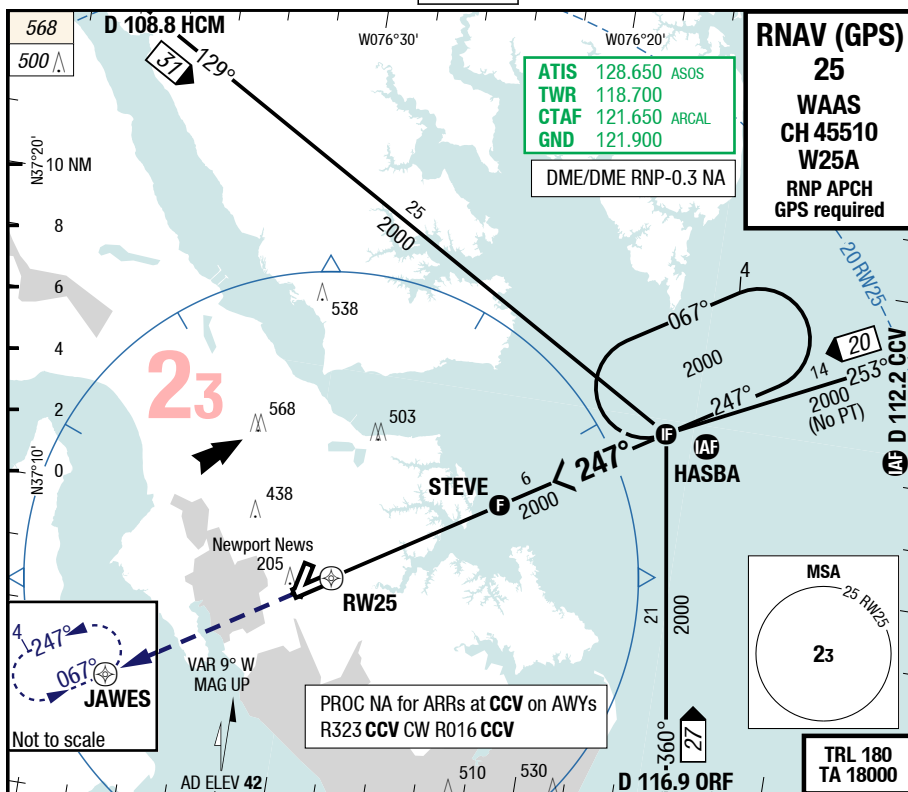


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7-80

RNAV (GPS) 25



| 25 | | RNAV GPS LPV | RNAV GPS VNAV 1) | RNAV GPS LNAV | | | Circling TERPS |
|----|------------------|--------------------|---------------------|--------------------|--|--|--------------------|
| C | ft - ft/SM ft | 200 - 0.75V 250 | 480 - 1.75V 520 | 440 - 1.25V 480 | | | 700 - 2.0V 740 |
| D | ft - ft/SM ft | 200 - 0.75V 250 | 480 - 1.75V 520 | 440 - 1.25V 480 | | | 740 - 2.25V 780 |

1) Uncompensated Baro VNAV NA below -11°C (13°F) or above 54°C (130°F)