

US DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
STANDARD TERMINAL ARRIVAL (STAR)

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
 Distances are in nautical miles (NM). Graphic depiction attached.

| | | | | | |
|--------------|--------|--------------------|-------------------|------------|----------------|
| Arrival Name | Number | STAR Computer Code | Superseded Number | Dated | Effective Date |
| SKILS RNAV | THREE | SKILS.SKILS3 | TWO | 02/09/2012 | 15 SEP 2016 |

Transition Routes:

| Transition Name | Transition Computer Codes | From FIX/NAVAID | To FIX/NAVAID | Mag Course | Distance | MEA | MOCA | MAA | Crossing Altitudes / Fixes |
|-----------------|---------------------------|-----------------|---------------|------------|----------|------|------|-----|----------------------------|
| LANCASTER | LRP.SKILS3 | LRP VOR/DME | ROAST WP | 222.85 | 11.79 | 9000 | | | |
| | | | VINNY WP | 222.76 | 14.55 | 8000 | | | |
| | | | SHILO WP | 193.04 | 04.28 | 8000 | | | |
| PHILIPSBURG | PSB.SKILS3 | PSB VORTAC | SHILO WP | 148.00 | 97.28 | 8000 | | | |

ARRIVAL ROUTE DESCRIPTION:

COMMON ROUTE: FROM OVER SHILO ON TRACK 193.03/10.79 NM TO SKILS (MEA 8000), THEN ON TRACK 193.02/20.00 NM TO BAL VORTAC (MEA 6000), THEN ON TRACK 231.76/16.24 NM TO EYESS (MEA 4000), THEN VIA RUNWAY TRANSITION

RUNWAY TRANSITIONS:

LANDING RWY 19: FROM OVER EYESS ON TRACK 281.55/6.11 NM TO EDDWD, THENCE AS DEPICTED TO NAYES. DEPART NAYES HEADING 324.88 FOR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 1: FROM OVER EYESS ON TRACK 228.39/3.18 NM TO BRUNC, THENCE AS DEPICTED TO CAVDI. DEPART CAVDI HEADING 184.93 FOR VECTORS TO FINAL APPROACH COURSE.

PRODEDURAL DATA NOTES:

- NOTE: EXPECT TO CROSS SKILS AT 12000.
- NOTE: EXPECT TO CROSS BAL AT 10000
- NOTE: CROSS BAL AT 250 KIAS.
- NOTE: TURBOJETS ONLY.
- NOTE: RADAR REQUIRED.
- NOTE: PROHIBITED AREA (P-56) 1.5 NM NORTH OF DCA- AVOID - SURFACE TO 18000 MSL.
- NOTE: DME/DME/IRU OR GPS REQUIRED.
- NOTE: RNAV 1.

FIXES AND/OR HOLDING PATTERNS:

- CHART HOLDING AT SKILS (HOLD N RT, 193.02 INBOUND)
- CHART P-56A AND P-56B, DCA

COMMUNICATIONS:

POTOMAC APPROACH 128.7 307.9 WASHINGTON NATIONAL ATIS 132.65

AIRPORTS SERVED:

RONALD REGAN WASHINGTON NATIONAL WASHINGTON, DC

LOST COMMUNICATIONS PROCEDURE:



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REMARKS:

SKILS THREE AMENDMENT DOES NOT SATISFY PERIODIC REVIEW REQUIREMENTS.

ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR KDCA 9W/00

LANDING RWY 1: DEPART CAVDI HEADING 184.93 FOR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 19: DEPART NAYES HEADING 324.88 FOR VECTORS TO FINAL APPROACH COURSE.

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FLIGHT INSPECTD BY:

| | | | |
|--------------------------------|--|------|----------------------------|
| FLIGHT INSPECTION NOT REQUIRED | MANAGER, TECHNICAL SERVICES TEAM. AJW-331 | | Jul 01, 2016 |
| Name | Organization | Date | Signature |
| | | | <i>Digitally signed by</i> |

DEVELOPED BY:

| | | | |
|------|--------------|------------|----------------------------|
| JUL | AJV-5412 | 03/08/2016 | Jul 01, 2016 |
| Name | Organization | Date | Signature |
| | | | <i>Digitally signed by</i> |
| | AJV-5410 | | Jul 01, 2016 |
| | Organization | Date | Signature |

CHANGES:

1. CHANGED LRP VORTAC TO LRP VOR/DME.
2. ADDED REMARK, "SKILS THREE AMENDMENT DOES NOT SATISFY PERIODIC REVIEW REQUIREMENTS."

REASONS:

1. TACAN ANTENNA REPLACED WITH DME.
2. MINOR AMENDMENT DOES NOT QUALIFY AS A PERIODIC REVIEW.



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STAR (DATA RECORDED)

| | | | | | |
|-----------------------|-----------------|------------------------------------|--------------------------|---------------------|------------------------------|
| Arrival Name SKILS | Number THREE | STAR Computer Code SKILS.SKILS3 | Superseded Number TWO | Dated 02/09/2012 | Effective Date 15SEP 2016 |
|-----------------------|-----------------|------------------------------------|--------------------------|---------------------|------------------------------|

| FIX/NAVAID | LAT/LONG | C | FO/FB | LEG TYPE | TC | DIST (NM) | ALTITUDE | SPEED | REMARKS |
|------------|----------|---|-------|----------|----|-----------|----------|-------|---------|
|------------|----------|---|-------|----------|----|-----------|----------|-------|---------|

En Route Transition

| | | | | | | | | | |
|-------------|------------------------|---|----|----|--------|-------|--|--|------------|
| LRP VOR/DME | 400711.91N/0761728.66W | Y | | IF | | | | | LRP.SKILS3 |
| ROAST WP | 395723.71N/0762601.01W | Y | FB | TF | 213.85 | 11.79 | | | |
| VINNY WP | 394516.64N/0763630.16W | Y | FB | TF | 213.76 | 14.55 | | | |
| SHILO WP | 394100.20N/0763653.61W | Y | FB | TF | 184.04 | 04.28 | | | |

En Route Transition

| | | | | | | | | | |
|------------|------------------------|---|----|----|--------|-------|--|--|------------|
| PSB VORTAC | 405458.52N/0775933.79W | Y | | IF | | | | | PSB.SKILS3 |
| SHILO WP | 394100.20N/0763653.61W | Y | FB | TF | 139.00 | 97.28 | | | |

Common Route

| | | | | | | | | | |
|------------|------------------------|---|----|----|--------|-------|--|---------|--|
| SHILO WP | 394100.20N/0763653.61W | Y | | IF | | | | | |
| SKILS WP | 393014.00N/0763752.32W | Y | FB | TF | 184.03 | 10.79 | | | EXPECT TO CROSS AT 12000 HOLDING – RIGHT TURNS |
| BAL VORTAC | 391015.83N/0763940.52W | Y | FB | TF | 184.02 | 20.00 | | AT 250K | EXPECT TO CROSS AT 10000 CROSS AT 250 KNOTS |
| EYESS WP | 385818.75N/0765348.84W | Y | FB | TF | 222.76 | 16.24 | | | |

Runway Transition

| | | | | | | | | | |
|----------|------------------------|---|----|----|--------|-------|--|--|--|
| EYESS WP | 385818.75N/0765348.84W | Y | | IF | | | | | |
| BRUNC WP | 385550.89N/0765624.24W | Y | | TF | 219.39 | 03.18 | | | |
| FELTY WP | 384646.15N/0765640.79W | Y | FB | TF | 181.36 | 09.70 | | | |
| HITEK WP | 384119.00N/0765609.00W | Y | FB | TF | 175.65 | 05.64 | | | |
| CAVDI WP | 382533.43N/0765443.49W | Y | FO | TF | 175.93 | 15.78 | | | |
| RWY 1 | | | | VM | 175.93 | | | | |

Runway Transition

| | | | | | | | | | |
|----------|------------------------|---|----|----|--------|-------|--|--|--|
| EYESS WP | 385818.75N/0765348.84W | Y | | IF | | | | | |
| EDDWD WP | 385834.80N/0770138.25W | Y | FB | TF | 272.55 | 06.11 | | | |



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| FIX/NAVAID | LAT/LONG | C | FO/FB | LEG TYPE | TC | DIST (NM) | ALTITUDE | SPEED | REMARKS |
|------------|------------------------|---|-------|----------|--------|-----------|----------|-------|---------|
| MEGGS WP | 390207.88N/0770555.86W | Y | FB | TF | 316.69 | 04.88 | | | |
| NAYES WP | 390801.02N/0771315.81W | Y | FO | TF | 315.88 | 08.20 | | | |
| RWY 19 | | | | VM | 315.88 | | | | |
| | | | | | | | | | |
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