

FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 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.
 Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

| | | | | | |
|-------------------------------------|-----------------------|---|-----------------------------------|----------------------------|----------------|
| Arrival Name RAVNN (RNAV) | Number NINE | STAR Computer Code CAPKO.RAVNN9 | Superseded Number EIGHT | Dated 04/17/2025 | Effective Date |
|-------------------------------------|-----------------------|---|-----------------------------------|----------------------------|----------------|

TRANSITION ROUTES:

| Transition Name | Transition Computer Codes | From FIX/NAVAID | To FIX/NAVAID | Course | Distance | MEA | MOCA | MAA | Crossing Altitudes / Fixes |
|-----------------|---------------------------|-----------------|---------------|--------|----------|-------|------|-----|----------------------------|
| CACYE | CACYE.RAVNN9 | CACYE | CACYE | | | | | | |
| | | | TBART | 105.38 | 65.39 | 17000 | 6900 | | |
| | | | WYTEA | 078.24 | 24.85 | 14000 | 6300 | | |
| | | | YAAGR | 078.54 | 05.00 | 10000 | 6300 | | AT FL270 |
| | | | AKELL | 082.83 | 18.78 | 10000 | 6300 | | AT/ABOVE FL240 |
| | | | CAASH | 083.51 | 07.75 | 10000 | 5900 | | AT/ABOVE FL220 |
| | | | ECHOZ | 085.71 | 06.56 | 10000 | 3600 | | AT/ABOVE FL200 |
| | | | DNKEY | 085.66 | 09.96 | 10000 | 3400 | | AT FL190 |
| | | | FIMBO | 096.57 | 22.65 | 10000 | 3000 | | AT 16000 |
| | | | UDUDE | 096.78 | 06.52 | 10000 | 2600 | | AT/ABOVE 13000 |
| | | | REXEE | 096.89 | 07.45 | 10000 | 2600 | | AT/ABOVE 12000 |
| | | | ELDEE | 096.98 | 03.55 | 5000 | 2600 | | AT/BELOW 11000 |
| | | | CAPKO | 097.02 | 09.50 | 5000 | 2600 | | AT 9000 |
| CJAAE | CJAAE.RAVNN9 | CJAAE | CJAAE | | | | | | |
| | | | JOOEY | 077.54 | 21.50 | 17000 | 6700 | | |
| | | | TBART | 077.80 | 36.90 | 17000 | 6700 | | |
| | | | WYTEA | 078.24 | 24.85 | 14000 | 6300 | | |
| | | | YAAGR | 078.54 | 05.00 | 10000 | 6300 | | AT FL270 |
| | | | AKELL | 082.83 | 18.78 | 10000 | 6300 | | AT/ABOVE FL240 |
| | | | CAASH | 083.51 | 07.75 | 10000 | 5900 | | AT/ABOVE FL220 |
| | | | ECHOZ | 085.71 | 06.56 | 10000 | 3600 | | AT/ABOVE FL200 |
| | | | DNKEY | 085.66 | 09.96 | 10000 | 3400 | | AT FL190 |
| | | | FIMBO | 096.57 | 22.65 | 10000 | 3000 | | AT 16000 |
| | | | UDUDE | 096.78 | 06.52 | 10000 | 2600 | | AT/ABOVE 13000 |
| | | | REXEE | 096.89 | 07.45 | 10000 | 2600 | | AT/ABOVE 12000 |
| | | | ELDEE | 096.98 | 03.55 | 5000 | 2600 | | AT/BELOW 11000 |
| | | | CAPKO | 097.02 | 09.50 | 5000 | 2600 | | AT 9000 |



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| Arrival Name | Number | | | STAR Computer Code | Superseded Number | | | Dated | Effective Date |
|-----------------|---------------------------|-----------------|---------------|--------------------|-------------------|-------|------|------------|----------------------------|
| RAVNN (RNAV) | NINE | | | CAPKO.RAVNN9 | EIGHT | | | 04/17/2025 | |
| Transition Name | Transition Computer Codes | From FIX/NAVAID | To FIX/NAVAID | Course | Distance | MEA | MOCA | MAA | Crossing Altitudes / Fixes |
| HBUDA | HBUDA.RAVNN9 | HBUDA | HBUDA | | | | | | AT/ABOVE FL250 |
| | | | JBAAY | 036.91 | 14.84 | 12000 | 2600 | | AT FL230 |
| | | | TOOJM | 037.32 | 12.11 | 9000 | 2600 | | AT FL230 |
| | | | ACROW | 036.90 | 11.16 | 9000 | 2600 | | AT/ABOVE FL210 |
| | | | DFORT | 022.66 | 10.03 | 9000 | 2600 | | AT/ABOVE FL180 |
| | | | WALKN | 022.69 | 08.42 | 5000 | 2600 | | BETWEEN 15000 AND 17000 |
| | | | JAYOH | 045.95 | 13.48 | 5000 | 2600 | | BETWEEN 11000 AND 12000 |
| | | | CAPKO | 054.17 | 12.80 | 5000 | 2600 | | AT 9000 |
| JOEY | JOEY.RAVNN9 | JOEY | JOEY | | | | | | |
| | | | TBART | 077.80 | 36.90 | 17000 | 6700 | | |
| | | | WYTEA | 078.24 | 24.85 | 14000 | 6300 | | |
| | | | YAEGR | 078.54 | 05.00 | 10000 | 6300 | | AT FL270 |
| | | | AKELL | 082.83 | 18.78 | 10000 | 6300 | | AT/ABOVE FL240 |
| | | | CAASH | 083.51 | 07.75 | 10000 | 5900 | | AT/ABOVE FL220 |
| | | | ECHOZ | 085.71 | 06.56 | 10000 | 3600 | | AT/ABOVE FL200 |
| | | | DNKEY | 085.66 | 09.96 | 10000 | 3400 | | AT FL190 |
| | | | FIMBO | 096.57 | 22.65 | 10000 | 3000 | | AT 16000 |
| | | | UDUDE | 096.78 | 06.52 | 10000 | 2600 | | AT/ABOVE 13000 |
| | | | REXEE | 096.89 | 07.45 | 10000 | 2600 | | AT/ABOVE 12000 |
| | | | ELDEE | 096.98 | 03.55 | 5000 | 2600 | | AT/BELOW 11000 |
| | | | CAPKO | 097.02 | 09.50 | 5000 | 2600 | | AT 9000 |
| THHMP | THHMP.RAVNN9 | THHMP | THHMP | | | | | | AT/ABOVE FL250 |
| | | | FZEK | 021.78 | 13.39 | 9000 | 2600 | | AT FL230 |
| | | | WHHTE | 022.60 | 11.76 | 9000 | 2600 | | AT FL230 |
| | | | ACROW | 022.63 | 09.87 | 9000 | 2600 | | AT/ABOVE FL210 |
| | | | DFORT | 022.66 | 10.03 | 9000 | 2600 | | AT/ABOVE FL180 |



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| Arrival Name | Number | STAR Computer Code | Superseded Number | Dated | Effective Date | | | | |
|-----------------|---------------------------|--------------------|-------------------|------------|----------------|------|------|-----|----------------------------|
| RAVNN (RNAV) | NINE | CAPKO.RAVNN9 | EIGHT | 04/17/2025 | | | | | |
| Transition Name | Transition Computer Codes | From FIX/NAVAID | To FIX/NAVAID | Course | Distance | MEA | MOCA | MAA | Crossing Altitudes / Fixes |
| | | | WALKN | 022.69 | 08.42 | 5000 | 2600 | | BETWEEN 15000 AND 17000 |
| | | | JAYOH | 045.95 | 13.48 | 5000 | 2600 | | BETWEEN 11000 AND 12000 |
| | | | CAPKO | 054.17 | 12.80 | 5000 | 2600 | | AT 9000 |

ARRIVAL ROUTE DESCRIPTION:

BWI: FROM CAPKO ON TRACK 071.89/9.00 TO CROSS RAVNN BETWEEN 6000 AND 7000.

LANDING BWI RWY 10: FROM RAVNN ON TRACK 022.89/4.23 TO CROSS SEED BETWEEN 5000 AND 6000, THEN ON TRACK 359.26/7.47 TO CROSS NAVAY AT 5000 AND AT 230 KIAS, THEN ON TRACK 310.87/7.40 TO CROSS ANCRP AT 4000 AND AT 210 KIAS, THEN ON TRACK 311.10/5.20 TO LURRL, THEN ON TRACK 299.92/2.80 TO HUNNN, THEN ON TRACK 299.92/2.00 TO CROSS HUTOO AT 4000, THEN ON TRACK 299.92. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING BWI RWY 15L: FROM RAVNN ON TRACK 022.89/4.23 TO CROSS SEED BETWEEN 5000 AND 6000, THEN ON TRACK 033.41/11.82 TO CROSS BRRKE AT 4000, THEN ON TRACK 032.73/9.62 TO CROSS DRZTT AT 4000, THEN ON TRACK 337.71/11.27 TO DAAAX, THEN ON TRACK 301.22/9.56 TO CROSS DADLE AT 4000 AND AT 210 KIAS, THEN ON TRACK 333.97/2.58 TO CROSS RYJON AT 4000, THEN ON TRACK 335.20. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING BWI RWY 15R: FROM RAVNN ON TRACK 022.89/4.23 TO CROSS SEED BETWEEN 5000 AND 6000, THEN ON TRACK 359.26/7.47 TO CROSS NAVAY AT 5000 AND AT 230 KIAS, THEN ON TRACK 310.87/7.40 TO CROSS ANCRP AT 4000 AND AT 210 KIAS, THEN ON TRACK 311.10/5.20 TO LURRL, THEN ON TRACK 299.92/2.80 TO HUNNN, THEN ON TRACK 003.04/11.49 TO CROSS ZARTZ AT 4000 AND AT 210 KIAS, THEN ON TRACK 337.70/2.00 TO CROSS WEXUM AT 4000, THEN ON TRACK 337.70. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING BWI RWY 28: FROM RAVNN ON TRACK 022.89/4.23 TO CROSS SEED BETWEEN 5000 AND 6000, THEN ON TRACK 020.11/9.27 TO CROSS TOGAH AT 5000 AND AT 210 KIAS, THEN ON TRACK 019.66/4.90 TO CROSS BMTR AT 4000, THEN ON TRACK 105.57/3.00 TO CROSS GINZU AT 4000, THEN ON TRACK 105.57. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING BWI RWY 33L: FROM RAVNN ON TRACK 022.89/4.23 TO CROSS SEED BETWEEN 5000 AND 6000, THEN ON TRACK 007.96/4.14 TO CROSS KOOLZ AT 5000 AND AT 210 KIAS, THEN ON TRACK 007.96. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING BWI RWY 33R: FROM RAVNN ON TRACK 022.89/4.23 TO CROSS SEED BETWEEN 5000 AND 6000, THEN ON TRACK 025.78/10.27 TO CROSS DUDDS AT 3000. EXPECT ILS OR LOC RWY 33R APPROACH.

LANDING MTN: FROM CAPKO ON TRACK 071.89/9.00 TO CROSS RAVNN BETWEEN 6000 AND 7000, THEN ON TRACK 071.99/5.00 TO CROSS MALXX AT 6000, THEN ON TRACK 072.05/8.12 TO CROSS AMRTN AT 5000, THEN ON HEADING 072.05. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED

PROCEDURAL DATA NOTES:

NOTE: JET AIRCRAFT ONLY

NOTE: ALL PART 91, 101, 103, 105, 125, 133, 135, AND 137 FLIGHT OPERATIONS ARE PROHIBITED ON THE CACYE/CJAAE/JOOEY TRANSITIONS.

NOTE: HBUDA TRANSITION, ATC ASSIGNED ONLY.

NOTE: JOOEY TRANSITION, ATC ASSIGNED ONLY.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT ACROW: HOLD SW, LT, 022.63 INBOUND, 10 NM LEGS.

CHART HOLDING AT CAASH: HOLD W, LT, 083.51 INBOUND, 10 NM LEGS.

CHART HOLDING AT HBUDA: HOLD SW, RT, 030.33 INBOUND, 10 NM LEGS.

CHART HOLDING AT JAYOH: HOLD SW, LT, 045.95 INBOUND, 10 NM LEGS, 210 KIAS.

CHART HOLDING AT RAVNN: HOLD W, RT, 071.89 INBOUND, 5 NM LEGS, 210 KIAS.



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| RAVNN (RNAV) | NINE | CAPKO.RAVNN9 | EIGHT | 04/17/2025 | |

CHART HOLDING AT TBART: HOLD W, LT, 077.54 INBOUND, 10 NM LEGS.
 CHART HOLDING AT THHMP: HOLD S, LT, 013.11 INBOUND, 10 NM LEGS.
 CHART: DBOGG.

COMMUNICATIONS:

AIRPORTS SERVED:

| <u>AIRPORT ID</u> | <u>CITY</u> | <u>STATE</u> |
|-------------------|-------------|--------------|
| BWI | BALTIMORE | MD |
| MTN | BALTIMORE | MD |

LOST COMMUNICATIONS PREFERENCES:

REMARKS:

ABBREVIATED AMENDMENT
 THE ENVIRONMENTAL REVIEW UNDER ORDER 1050.1 (LATEST EDITION) AND THE NOISE SCREENING HAVE BEEN ACCOMPLISHED.
 MOCA VALUES 2600 FT DUE TO 1549 MSL TWR (24-001005, 1A) LOCATED DOWNSTREAM IN RWY TRANSITIONS.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)
 MAG VAR: BWI 11W/2000
 CHART AT RYJON TERMINUS: BWI LDG RWY 15L
 CHART AT WEXUM TERMINUS: BWI LDG RWY 15R
 CHART AT GINZU TERMINUS: BWI LDG RWY 28
 CHART AT KOOLZ TERMINUS: BWI LDG RWY 33L
 CHART AT HUTOO TERMINUS: BWI LDG RWY 10
 CHART AT DUDDS TERMINUS: BWI LDG RWY 33R
 CHART AT AMRTN TERMINUS: LDG MTN



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| RAVNN (RNAV) | NINE | CAPKO.RAVNN9 | EIGHT | 04/17/2025 | |

FLIGHT INSPECTED BY:

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021, SUBJECT: GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION VALIDATION.

ORGANIZATION: **DATE:**

Flight Inspected Signature:

Digitally signed by
CASIMIR L TABAKA

Feb 05, 2026

DEVELOPED BY:

GUY COPELAND

AJV-A432

12/10/2025

Developed By Signature:

Digitally signed by
CASIMIR L TABAKA

Feb 05, 2026

Digitally signed by

CASIMIR L TABAKA

Feb 05, 2026

APPROVED BY:

BEV BORDY

AJV-A430

Approved By Signature:

CHANGES:

1. CHANGED FIX NAME FROM FHRST TO GINZU.
2. CHANGED FIX NAME FROM ZOEYY TO WEXUM.
3. LANDING RWY 33R: CHANGED CROSSING RESTRICTION AT DUDDS FROM AT OR ABOVE 3000 TO AT 3000.
4. INCREASED ALL PRIOR 2100 FT MOCA VALUES FROM 2100 TO 2600.
5. ADDED REMARK MOCA VALUES 2600 FT DUE TO 1549 MSL TWR (24-001005, 1A) LOCATED DOWNSTREAM IN RWY TRANSITIONS.
6. CORRECTED RWY 15L FM LEG MAG COURSE FROM 335.19 TO 335.20.
7. CORRECTED MTN COMMON ROUTE FM LEG MAG COURSE FROM 073.00 TO 072.05.

REASONS:

- 1-3. ATC REQUEST.
- 4-5. NEW OBSTACLE EVALUATION, 1549 MSL TWR (24-001005, 1A) LOCATED DOWNSTREAM IN RWY TRANSITION.
- 6-7. CORRECT ADMIN ERROR.

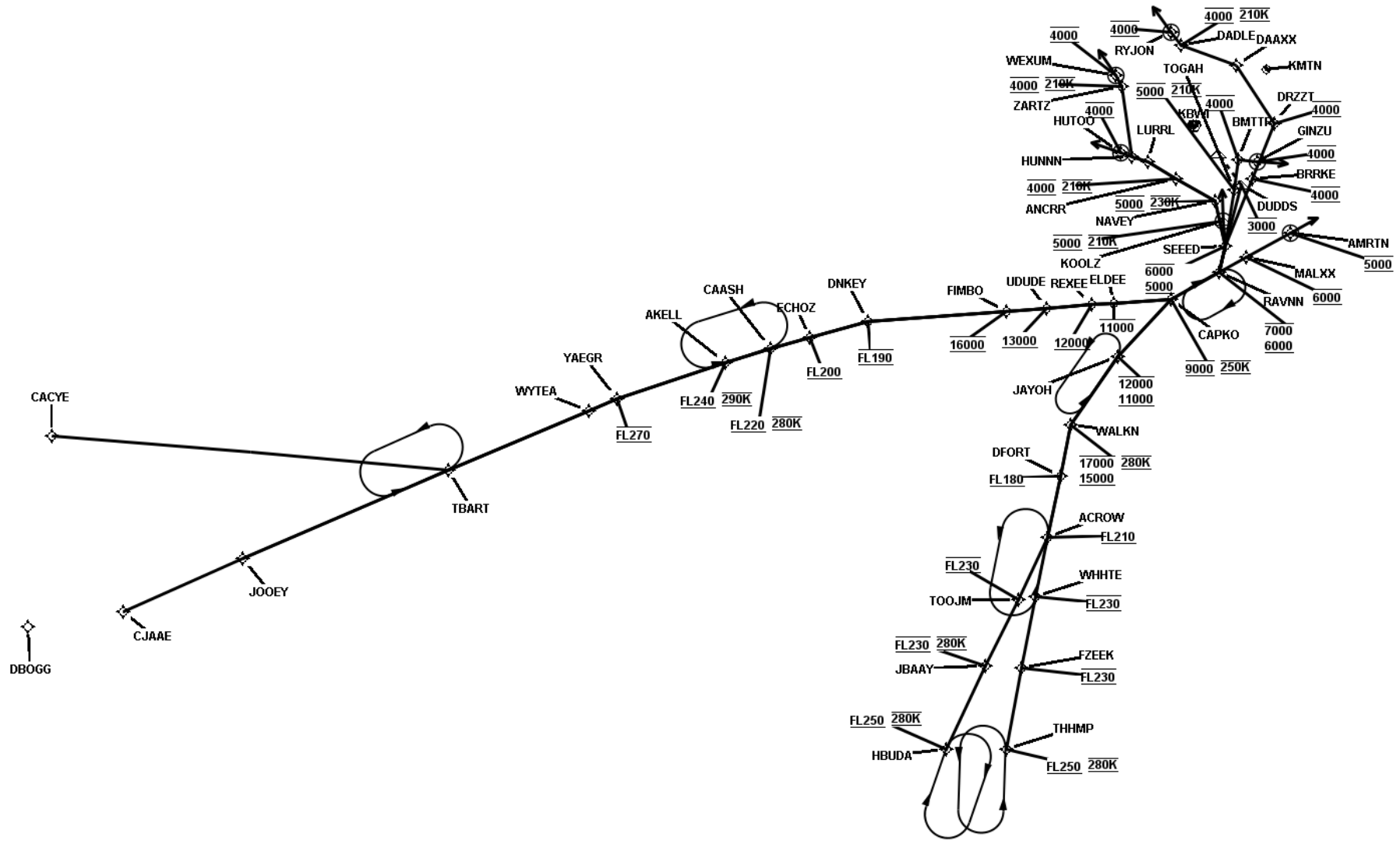


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| RAVNN (RNAV) | NINE | CAPKO.RAVNN9 | EIGHT | 04/17/2025 | |

Graphic Depiction 1

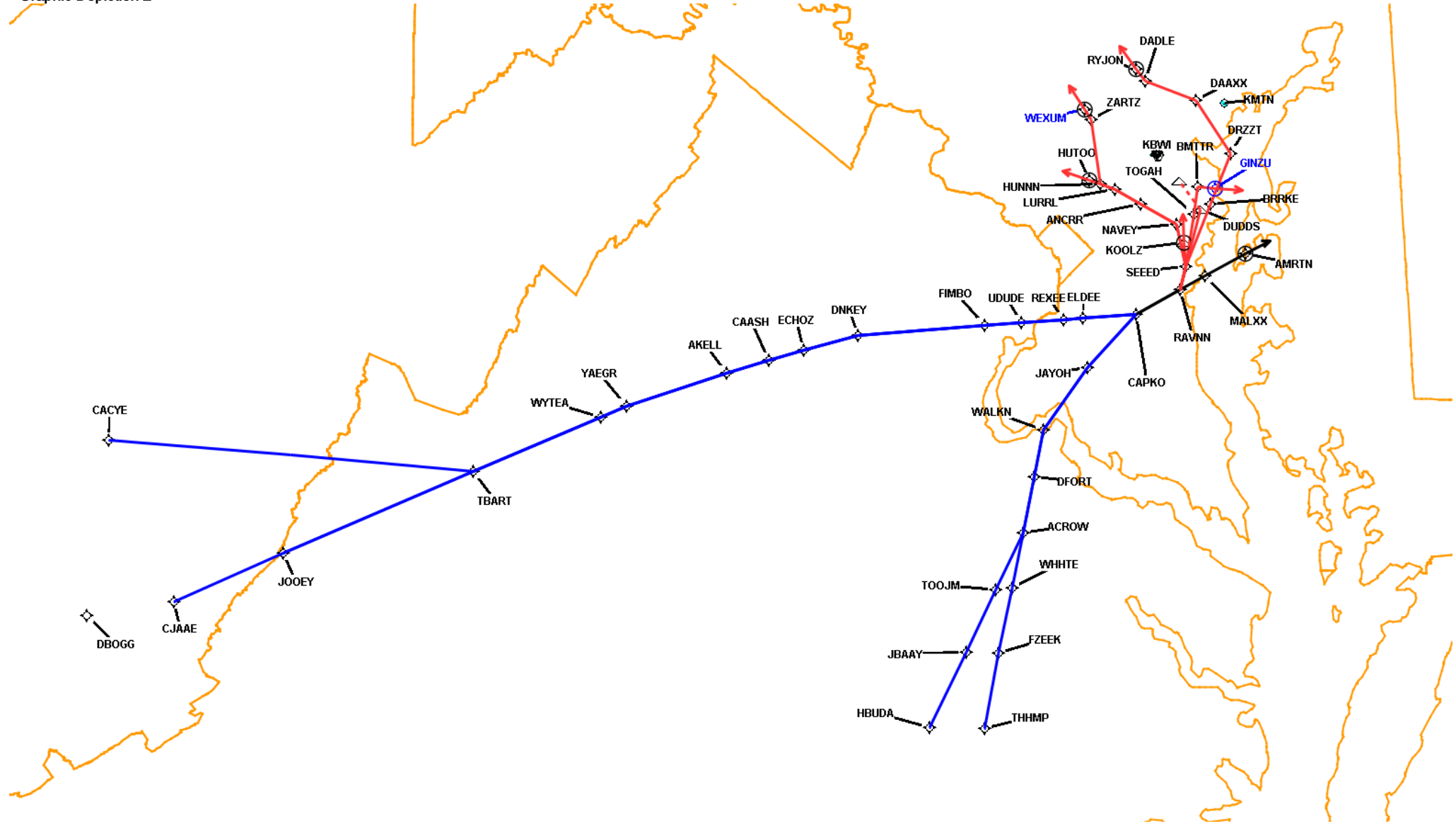


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| RAVNN (RNAV) | NINE | CAPKO.RAVNN9 | EIGHT | 04/17/2025 | |

Graphic Depiction 2



FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 STAR (DATA RECORD)

| Arrival Name RAVNN (RNAV) | Number NINE | STAR Computer Code CAPKO.RAVNN9 | | Superseded Number EIGHT | Dated 04/17/2025 | Effective Date | | | |
|------------------------------|--------------------------|------------------------------------|-------|----------------------------|---------------------|----------------|----------------|---------|--------------|
| FIX/NAVAID | LAT/LONG | C | FO/FB | LEG TYPE | TC | DIST (NM) | ALTITUDE | SPEED | REMARKS |
| En Route Transition | | | | | | | | | |
| CACYE | 382015.58N / 0803816.68W | Y | | IF | | | | | CACYE.RAVNN9 |
| TBART | 381446.33N / 0791530.80W | Y | FB | TF | 094.38 | 65.39 | | | |
| WYTEA | 382420.12N / 0784621.44W | Y | FB | TF | 067.24 | 24.85 | | | |
| YAEGR | 382614.68N / 0784028.57W | Y | FB | TF | 067.54 | 05.00 | AT FL270 | | |
| AKELL | 383204.23N / 0781743.80W | Y | FB | TF | 071.83 | 18.78 | AT/ABOVE FL240 | AT 290K | |
| CAASH | 383423.77N / 0780818.29W | Y | FB | TF | 072.51 | 07.75 | AT/ABOVE FL220 | AT 280K | |
| ECHOZ | 383607.45N / 0780013.62W | Y | FB | TF | 074.71 | 06.56 | AT/ABOVE FL200 | | |
| DNKEY | 383845.05N / 0774758.01W | Y | FB | TF | 074.66 | 09.96 | AT FL190 | | |
| FIMBO | 384026.49N / 0771908.04W | Y | FB | TF | 085.57 | 22.65 | AT 16000 | | |
| UDUDE | 384055.04N / 0771049.81W | Y | FB | TF | 085.78 | 06.52 | AT/ABOVE 13000 | | |
| REXEE | 384126.70N / 0770120.49W | Y | FB | TF | 085.89 | 07.45 | AT/ABOVE 12000 | | |
| ELDEE | 384141.57N / 0765649.11W | Y | FB | TF | 085.98 | 03.55 | AT/BELOW 11000 | | |
| CAPKO | 384220.52N / 0764442.54W | Y | FB | TF | 086.02 | 09.50 | AT 9000 | AT 250K | |
| En Route Transition | | | | | | | | | |
| CJAAE | 375149.68N / 0802331.30W | Y | | IF | | | | | CJAAE.RAVNN9 |
| JOEY | 380021.08N / 0795834.00W | Y | FB | TF | 066.54 | 21.50 | | | |
| TBART | 381446.33N / 0791530.80W | Y | FB | TF | 066.80 | 36.90 | | | |
| WYTEA | 382420.12N / 0784621.44W | Y | FB | TF | 067.24 | 24.85 | | | |
| YAEGR | 382614.68N / 0784028.57W | Y | FB | TF | 067.54 | 05.00 | AT FL270 | | |
| AKELL | 383204.23N / 0781743.80W | Y | FB | TF | 071.83 | 18.78 | AT/ABOVE FL240 | AT 290K | |
| CAASH | 383423.77N / 0780818.29W | Y | FB | TF | 072.51 | 07.75 | AT/ABOVE FL220 | AT 280K | |
| ECHOZ | 383607.45N / 0780013.62W | Y | FB | TF | 074.71 | 06.56 | AT/ABOVE FL200 | | |
| DNKEY | 383845.05N / 0774758.01W | Y | FB | TF | 074.66 | 09.96 | AT FL190 | | |
| FIMBO | 384026.49N / 0771908.04W | Y | FB | TF | 085.57 | 22.65 | AT 16000 | | |
| UDUDE | 384055.04N / 0771049.81W | Y | FB | TF | 085.78 | 06.52 | AT/ABOVE 13000 | | |
| REXEE | 384126.70N / 0770120.49W | Y | FB | TF | 085.89 | 07.45 | AT/ABOVE 12000 | | |



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|------------------------------|--------------------------|------------------------------------|-------|----------------------------|--------|---------------------|----------------|---------|--------------|
| FIX/NAVAID | LAT/LONG | C | FO/FB | LEG TYPE | TC | DIST (NM) | ALTITUDE | SPEED | REMARKS |
| ELDEE | 384141.57N / 0765649.11W | Y | FB | TF | 085.98 | 03.55 | AT/BELOW 11000 | | |
| CAPKO | 384220.52N / 0764442.54W | Y | FB | TF | 086.02 | 09.50 | AT 9000 | AT 250K | |
| En Route Transition | | | | | | | | | |
| HBUDA | 372935.62N / 0773136.86W | Y | | IF | | | AT/ABOVE FL250 | AT 280K | HBUDA.RAVNN9 |
| JBAAY | 374257.29N / 0772326.35W | Y | FB | TF | 025.91 | 14.84 | AT FL230 | AT 280K | |
| TOOJM | 375348.97N / 0771639.40W | Y | FB | TF | 026.32 | 12.11 | AT FL230 | | |
| ACROW | 380351.93N / 0771028.98W | Y | FB | TF | 025.90 | 11.16 | AT/ABOVE FL210 | | |
| DFORT | 381341.68N / 0770754.66W | Y | FB | TF | 011.66 | 10.03 | AT/ABOVE FL180 | | |
| WALKN | 382156.95N / 0770544.54W | Y | FB | TF | 011.69 | 08.42 | 15000B17000 | AT 280K | |
| JAYOH | 383300.31N / 0765553.86W | Y | FB | TF | 034.95 | 13.48 | 11000B12000 | | |
| CAPKO | 384220.52N / 0764442.54W | Y | FB | TF | 043.17 | 12.80 | AT 9000 | AT 250K | |
| En Route Transition | | | | | | | | | |
| JOOEY | 380021.08N / 0795834.00W | Y | | IF | | | | | JOOEY.RAVNN9 |
| TBART | 381446.33N / 0791530.80W | Y | FB | TF | 066.80 | 36.90 | | | |
| WYTEA | 382420.12N / 0784621.44W | Y | FB | TF | 067.24 | 24.85 | | | |
| YAAGR | 382614.68N / 0784028.57W | Y | FB | TF | 067.54 | 05.00 | AT FL270 | | |
| AKELL | 383204.23N / 0781743.80W | Y | FB | TF | 071.83 | 18.78 | AT/ABOVE FL240 | AT 290K | |
| CAASH | 383423.77N / 0780818.29W | Y | FB | TF | 072.51 | 07.75 | AT/ABOVE FL220 | AT 280K | |
| ECHOZ | 383607.45N / 0780013.62W | Y | FB | TF | 074.71 | 06.56 | AT/ABOVE FL200 | | |
| DNKEY | 383845.05N / 0774758.01W | Y | FB | TF | 074.66 | 09.96 | AT FL190 | | |
| FIMBO | 384026.49N / 0771908.04W | Y | FB | TF | 085.57 | 22.65 | AT 16000 | | |
| UDUDE | 384055.04N / 0771049.81W | Y | FB | TF | 085.78 | 06.52 | AT/ABOVE 13000 | | |
| REXEE | 384126.70N / 0770120.49W | Y | FB | TF | 085.89 | 07.45 | AT/ABOVE 12000 | | |
| ELDEE | 384141.57N / 0765649.11W | Y | FB | TF | 085.98 | 03.55 | AT/BELOW 11000 | | |
| CAPKO | 384220.52N / 0764442.54W | Y | FB | TF | 086.02 | 09.50 | AT 9000 | AT 250K | |
| En Route Transition | | | | | | | | | |
| THHMP | 372929.47N / 0771908.75W | Y | | IF | | | AT/ABOVE FL250 | AT 280K | THHMP.RAVNN9 |



FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 STAR (DATA RECORD)

| Arrival Name RAVNN (RNAV) | Number NINE | STAR Computer Code CAPKO.RAVNN9 | | Superseded Number EIGHT | Dated 04/17/2025 | Effective Date | | | |
|------------------------------|--------------------------|------------------------------------|-------|----------------------------|---------------------|----------------|----------------|---------|--------------|
| FIX/NAVAID | LAT/LONG | C | FO/FB | LEG TYPE | TC | DIST (NM) | ALTITUDE | SPEED | REMARKS |
| FZEEK | 374239.52N / 0771559.43W | Y | FB | TF | 010.78 | 13.39 | AT FL230 | | |
| WHHTE | 375411.42N / 0771300.13W | Y | FB | TF | 011.60 | 11.76 | AT FL230 | | |
| ACROW | 380351.93N / 0771028.98W | Y | FB | TF | 011.63 | 09.87 | AT/ABOVE FL210 | | |
| DFORT | 381341.68N / 0770754.66W | Y | FB | TF | 011.66 | 10.03 | AT/ABOVE FL180 | | |
| WALKN | 382156.95N / 0770544.54W | Y | FB | TF | 011.69 | 08.42 | 15000B17000 | AT 280K | |
| JAYOH | 383300.31N / 0765553.86W | Y | FB | TF | 034.95 | 13.48 | 11000B12000 | | |
| CAPKO | 384220.52N / 0764442.54W | Y | FB | TF | 043.17 | 12.80 | AT 9000 | AT 250K | |
| Common Route | | | | | | | | | |
| CAPKO | 384220.52N / 0764442.54W | Y | | IF | | | AT 9000 | AT 250K | CAPKO.RAVNN9 |
| RAVNN | 384643.06N / 0763439.23W | Y | FB | TF | 060.89 | 09.00 | 6000B7000 | | |
| Common Route | | | | | | | | | |
| CAPKO | 384220.52N / 0764442.54W | Y | | IF | | | AT 9000 | AT 250K | CAPKO.RAVNN9 |
| RAVNN | 384643.06N / 0763439.23W | Y | FB | TF | 060.89 | 09.00 | 6000B7000 | | |
| MALXX | 384908.54N / 0762903.53W | Y | FB | TF | 060.99 | 05.00 | AT 6000 | | |
| AMRTN | 385304.27N / 0761957.55W | Y | FO | TF | 061.05 | 08.12 | AT 5000 | | |
| KMTN | | | | VM | 061.05 | | | | |
| Runway Transition | | | | | | | | | |
| RAVNN | 384643.06N / 0763439.23W | Y | | IF | | | 6000B7000 | | |
| SEED | 385051.66N / 0763332.32W | Y | FB | TF | 011.89 | 04.23 | 5000B6000 | | |
| NAVEY | 385810.99N / 0763529.26W | Y | FB | TF | 348.26 | 07.47 | AT 5000 | AT 230K | |
| ANCRR | 390152.15N / 0764343.60W | Y | FB | TF | 299.87 | 07.40 | AT 4000 | AT 210K | |
| LURRL | 390428.63N / 0764930.23W | Y | FB | TF | 300.10 | 05.20 | | | |
| HUNNN | 390523.10N / 0765254.35W | Y | FB | TF | 288.92 | 02.80 | | | |
| HUTOO | 390602.02N / 0765520.17W | Y | FO | TF | 288.92 | 02.00 | AT 4000 | | |
| KBWI:RWY 10 | | | | FM | 288.92 | | | | |



FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 STAR (DATA RECORD)

| Arrival Name RAVNN (RNAV) | Number NINE | STAR Computer Code CAPKO.RAVNN9 | | Superseded Number EIGHT | Dated 04/17/2025 | Effective Date | | | |
|------------------------------|--------------------------|------------------------------------|-------|----------------------------|---------------------|----------------|-----------|---------|---------|
| FIX/NAVAID | LAT/LONG | C | FO/FB | LEG TYPE | TC | DIST (NM) | ALTITUDE | SPEED | REMARKS |
| Runway Transition | | | | | | | | | |
| RAVNN | 384643.06N / 0763439.23W | Y | | IF | | | 6000B7000 | | |
| SEED | 385051.66N / 0763332.32W | Y | FB | TF | 011.89 | 04.23 | 5000B6000 | | |
| BRRKE | 390147.79N / 0762745.34W | Y | FB | TF | 022.41 | 11.82 | AT 4000 | | |
| DRZZT | 391044.40N / 0762310.52W | Y | FB | TF | 021.73 | 09.62 | AT 4000 | | |
| DAAXX | 392009.94N / 0763109.03W | Y | FB | TF | 326.71 | 11.27 | | | |
| DADLE | 392327.88N / 0764243.50W | Y | FB | TF | 290.22 | 09.56 | AT 4000 | AT 210K | |
| RYJON | 392531.57N / 0764443.81W | Y | FO | TF | 322.97 | 02.58 | AT 4000 | | |
| KBWI:RWY 15L | | | | FM | 324.20 | | | | |
| Runway Transition | | | | | | | | | |
| RAVNN | 384643.06N / 0763439.23W | Y | | IF | | | 6000B7000 | | |
| SEED | 385051.66N / 0763332.32W | Y | FB | TF | 011.89 | 04.23 | 5000B6000 | | |
| NAVEY | 385810.99N / 0763529.26W | Y | FB | TF | 348.26 | 07.47 | AT 5000 | AT 230K | |
| ANCRR | 390152.15N / 0764343.60W | Y | FB | TF | 299.87 | 07.40 | AT 4000 | AT 210K | |
| LURRL | 390428.63N / 0764930.23W | Y | FB | TF | 300.10 | 05.20 | | | |
| HUNNN | 390523.10N / 0765254.35W | Y | FB | TF | 288.92 | 02.80 | | | |
| ZARTZ | 391646.19N / 0765457.24W | Y | FB | TF | 352.04 | 11.49 | AT 4000 | AT 210K | |
| WEXUM | 391826.57N / 0765622.11W | Y | FO | TF | 326.70 | 02.00 | AT 4000 | | |
| KBWI:RWY 15R | | | | FM | 326.70 | | | | |
| Runway Transition | | | | | | | | | |
| RAVNN | 384643.06N / 0763439.23W | Y | | IF | | | 6000B7000 | | |
| SEED | 385051.66N / 0763332.32W | Y | FB | TF | 011.89 | 04.23 | 5000B6000 | | |
| TOGAH | 390001.29N / 0763139.42W | Y | FB | TF | 009.11 | 09.27 | AT 5000 | AT 210K | |
| BMTTR | 390452.21N / 0763042.59W | Y | FB | TF | 008.66 | 04.90 | AT 4000 | | |
| GINZU | 390437.80N / 0762652.18W | Y | FO | TF | 094.57 | 03.00 | AT 4000 | | |
| KBWI:RWY 28 | | | | FM | 094.57 | | | | |



FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 STAR (DATA RECORD)

| Arrival Name RAVNN (RNAV) | Number NINE | STAR Computer Code CAPKO.RAVNN9 | | Superseded Number EIGHT | Dated 04/17/2025 | Effective Date | | | |
|------------------------------|--------------------------|------------------------------------|--------------|----------------------------|---------------------|------------------|-----------------|--------------|----------------|
| <u>FIX/NAVAID</u> | <u>LAT/LONG</u> | <u>C</u> | <u>FO/FB</u> | <u>LEG TYPE</u> | <u>TC</u> | <u>DIST (NM)</u> | <u>ALTITUDE</u> | <u>SPEED</u> | <u>REMARKS</u> |
| Runway Transition | | | | | | | | | |
| RAVNN | 384643.06N / 0763439.23W | Y | | IF | | | 6000B7000 | | |
| SEED | 385051.66N / 0763332.32W | Y | FB | TF | 011.89 | 04.23 | 5000B6000 | | |
| KOOLZ | 385459.78N / 0763349.20W | Y | FO | TF | 356.96 | 04.14 | AT 5000 | AT 210K | |
| KBWI:RWY 33L | | | | FM | 356.96 | | | | |
| Runway Transition | | | | | | | | | |
| RAVNN | 384643.06N / 0763439.23W | Y | | IF | | | 6000B7000 | | |
| SEED | 385051.66N / 0763332.32W | Y | FB | TF | 011.89 | 04.23 | 5000B6000 | | |
| DUDDS | 390048.21N / 0763010.61W | Y | FB | TF | 014.78 | 10.27 | AT 3000 | | |
| KBWI:RWY 33R | | | | | | | | | |

