

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
GRAPHIC DEPARTURE PROCEDURES (DP)**

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.

| <u>DP NAME</u>           | <u>NUMBER</u>            | <u>DP COMPUTER CODE</u>             | <u>SUPERSEDED NUMBER</u> | <u>DATED</u>             | <u>ACTUAL EFFECTIVE DATE</u>        |
|--------------------------|--------------------------|-------------------------------------|--------------------------|--------------------------|-------------------------------------|
| KARRR                    | SEVEN                    | KARRR7.KARRR                        | SIX                      | 12/05/2019               | <b>29 DEC 2022</b>                  |
| <u>TYPE:</u>             | <u>OBSTACLE</u>          | <u>COPTER</u>                       | <u>SID</u>               | <u>SPECIAL</u>           | <u>RNAV</u>                         |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**DP ROUTE DESCRIPTION:****CONROE-NORTH HOUSTON RGNL (KCXO)**

TAKEOFF RWY 1: CLIMB ON HEADING 012.17 TO 760, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 14: CLIMB ON HEADING 140.48 TO 760, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 19: CLIMB ON HEADING 192.17 TO 760, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 32: CLIMB ON HEADING 320.49 TO 760, FOR RADAR VECTORS TO KARRR, THENCE...

**RWJ AIRPARK (54T)**

TAKEOFF RWY 8: CLIMB ON HEADING 084.03 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 26: CLIMB ON HEADING 264.03 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...

**CLEVELAND MUNI (6R3)**

TAKEOFF RWY 16: CLIMB ON HEADING 156.75 TO 1400, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 34: CLIMB ON HEADING 336.75 TO 2000, FOR RADAR VECTORS TO KARRR, THENCE...

**HOUSTON-SOUTHWEST (KAXH)**

TAKEOFF RWY 9: CLIMB ON HEADING 089.24 TO 2000, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 27: CLIMB ON HEADING 269.24 TO 2200, FOR RADAR VECTORS TO KARRR, THENCE...

**DAVID WAYNE HOOKS MEMORIAL (KDWH)**

TAKEOFF RWY 17R: CLIMB ON HEADING 167.76 TO 660, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 35L: CLIMB ON HEADING 347.76 TO 660, FOR RADAR VECTORS TO KARRR, THENCE...

**ELLINGTON (KEFD)**

TAKEOFF RWY 4: CLIMB ON HEADING 038.85 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 17L: CLIMB ON HEADING 173.85 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 17R: CLIMB ON HEADING 173.84 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 22: CLIMB ON HEADING 218.86 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 35L: CLIMB ON HEADING 353.84 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 35R: CLIMB ON HEADING 353.85 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...

**SCHOLES INTL AT GALVESTON (KGLS)**

TAKEOFF RWY 14: CLIMB ON HEADING 138.11 TO 520, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 18: CLIMB ON HEADING 178.86 TO 520, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 32: CLIMB ON HEADING 318.12 TO 520, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 36: CLIMB ON HEADING 358.86 TO 520, FOR RADAR VECTORS TO KARRR, THENCE...

**BAYTOWN (KHPY)**

TAKEOFF RWY 14: CLIMB ON HEADING 139.75 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 32: CLIMB ON HEADING 319.75 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...

**WEST HOUSTON (KIWS)**

TAKEOFF RWY 15: CLIMB ON HEADING 149.68 TO 620, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 33: CLIMB ON HEADING 329.68 TO 620, FOR RADAR VECTORS TO KARRR, THENCE...



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| KARRR          | SEVEN         | KARRR7.KARRR            | SIX                      | 12/05/2019   | <b>29 DEC 2022</b>           |

**TEXAS GULF COAST RGNL (KLBX)**

TAKEOFF RWY 17: CLIMB ON HEADING 174.93 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...

TAKEOFF RWY 35: CLIMB ON HEADING 354.93 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...

**PEARLAND RGNL (KLVJ)**

TAKEOFF RWY 14: CLIMB ON HEADING 141.67 TO 1600, FOR RADAR VECTORS TO KARRR, THENCE...

TAKEOFF RWY 32: CLIMB ON HEADING 321.67 TO 900, FOR RADAR VECTORS TO KARRR, THENCE...

**SUGAR LAND RGNL (KSGR)**

TAKEOFF RWY 17: CLIMB ON HEADING 170.28 TO 1500, FOR RADAR VECTORS TO KARRR, THENCE...

TAKEOFF RWY 35: CLIMB ON HEADING 350.28 TO 1100, FOR RADAR VECTORS TO KARRR, THENCE...

**CHAMBERS COUNTY (T00)**

TAKEOFF RWY 12: CLIMB ON HEADING 123.74 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...

TAKEOFF RWY 30: CLIMB ON HEADING 303.74 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...

**LA PORTE MUNI (T41)**

TAKEOFF RWY 5: CLIMB ON HEADING 046.34 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...

TAKEOFF RWY 12: CLIMB ON HEADING 121.17 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...

TAKEOFF RWY 23: CLIMB ON HEADING 226.35 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...

TAKEOFF RWY 30: CLIMB ON HEADING 301.18 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...

**LIBERTY MUNI (T78)**

TAKEOFF RWY 16: CLIMB ON HEADING 160.77 TO 1700, FOR RADAR VECTORS TO KARRR, THENCE...

TAKEOFF RWY 34: CLIMB ON HEADING 340.78 TO 1000, FOR RADAR VECTORS TO KARRR, THENCE...

**HOUSTON EXECUTIVE (KTME)**

TAKEOFF RWY 18: CLIMB ON HEADING 175.25 TO 680, FOR RADAR VECTORS TO KARRR, THENCE...

TAKEOFF RWY 36: CLIMB ON HEADING 355.25 TO 680, FOR RADAR VECTORS TO KARRR, THENCE...

...ON TRACK 218.32 TO KAVCY, THEN ON (TRANSITION). MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

**TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):**

| <u>TRANSITION NAME</u> | <u>TRANSITION<br/>COMPUTER CODE</u> | <u>FROM<br/>FIX/NAVAID</u> | <u>TO<br/>FIX/NAVAID</u> | <u>COURSE</u> | <u>DISTANCE</u> | <u>MEA</u> | <u>MOCA</u> | <u>CROSSING<br/>ALTITUDE/FIXES</u> |
|------------------------|-------------------------------------|----------------------------|--------------------------|---------------|-----------------|------------|-------------|------------------------------------|
| CORPUS CHRISTI         | KARRR7.CRP                          | KAVCY                      | SKUBA                    | TRACK 245.55  | 18.31           | 7800       | 1500        |                                    |
|                        |                                     | SKUBA                      | PSX VORTAC               | TRACK 221.55  | 37.41           | 12000      | 2600        |                                    |
|                        |                                     | PSX VORTAC                 | YOMOM                    | TRACK 219.02  | 64.42           | 12000      | 1800        |                                    |
|                        |                                     | YOMOM                      | CRP VORTAC               | TRACK 247.38  | 16.51           | 12000      | 1500        |                                    |
| TRUAX                  | KARRR7.NPG                          | KAVCY                      | RIIGG                    | TRACK 194.01  | 25.01           | 9200       | 1700        |                                    |
|                        |                                     | RIIGG                      | NGP TACAN                | TRACK 226.08  | 114.85          | 12000      | 1700        |                                    |

QUALITY  
24  
CHECKED

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| KARRR          |              | SEVEN         | KARRR7.KARRR            | SIX                      | 12/05/2019   | <b>29 DEC 2022</b>           |
| PALACIOS       | KARRR7.PSX   | KAVCY         | SKUBA                   | TRACK 245.55             | 18.31        | 7800 1500                    |
|                |              | SKUBA         | PSX VORTAC              | TRACK 221.55             | 37.41        | 12000 2600                   |
| WWREN          | KARRR7.WWREN | KAVCY         | RIIGG                   | TRACK 194.01             | 25.01        | 9200 1700                    |
|                |              | RIIGG         | WWREN                   | TRACK 204.01             | 52.68        | 12000 2100                   |
| YOMOM          | KARRR7.YOMOM | KAVCY         | SKUBA                   | TRACK 245.55             | 18.31        | 7800 1500                    |
|                |              | SKUBA         | PSX VORTAC              | TRACK 221.55             | 37.41        | 12000 2600                   |
|                |              | PSX VORTAC    | YOMOM                   | TRACK 219.02             | 64.42        | 12000 1800                   |

**PROCEDURAL DATA NOTES:****PBN REQUIREMENTS NOTES:**

RNAV - 1 DME/DME/IRU OR GPS.

**EQUIPMENT REQUIREMENT NOTES:**

RADAR REQUIRED.

**TAKEOFF MINIMUMS:****CONROE-NORTH HOUSTON RGNL (KCXO)**

RWY 1, 14, 19, 32: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 760.

**RWJ AIRPARK (54T)**

RWY 14, 32: NA - ENVIRONMENTAL.

RWY 8, 26: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 540.

**CLEVELAND MUNI (6R3)**

RWY 16: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 660.

RWY 34: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1000.

**HOUSTON-SOUTHWEST (KAXH)**

RWY 9, 27: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 580.

**DAVID WAYNE HOOKS MEMORIAL (KDWH)**

RWY 17L, 35R: NA - ENVIRONMENTAL.

WATERWAY 17, 35: NA - AIR TRAFFIC.

RWY 17R, 35L: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 660.

**ELLINGTON (KEFD)**

RWY 4, 17L, 17R, 22, 35L, 35R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 540.

**SCHOLES INTL AT GALVESTON (KGLS)**

RWY 14, 18, 32, 36: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 520.



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**BAYTOWN (KHPY)**

RWY 14, 32: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 540.

**WEST HOUSTON (KIWS)**

RWY 15, 33: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 620.

**TEXAS GULF COAST RGNL (KLBX)**

RWY 17, 35: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 540.

**PEARLAND RGNL (KLVJ)**

RWY 14, 32: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 560.

**SUGAR LAND RGNL (KSGR)**

RWY 17, 35: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 600.

**CHAMBERS COUNTY (T00)**

RWY 17, 35: NA - ENVIRONMENTAL.

RWY 12, 30: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 540.

**LA PORTE MUNI (T41)**

RWY 5, 12, 23, 30: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 540.

**LIBERTY MUNI (T78)**

RWY 16, 34: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 580.

**HOUSTON EXECUTIVE (KTME)**

RWY 18, 36: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 680.

**TAKEOFF OBSTACLES NOTES:**

SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).

**CONTROLLING OBSTACLES:****CLEVELAND MUNI (6R3)**

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 16: 2049 FT MSL TOWER 301351.00N/0950726.00W. RWY 34: 2049 FT MSL TOWER 303207.00N/0950105.00W.

**HOUSTON-SOUTHWEST (KAXH)**

RWY 9, 27: 2049 FT MSL TOWERS 293341.00N/0953005.00W.

**ELLINGTON (KEFD)**

RWY 22: 192 FT MSL WATER TOWER 293521.00N/0951048.09W.

**SCHOLES INTL AT GALVESTON (KGLS)**

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 32: 2013 FT MSL TOWER 291800.65N/0950640.27W.

**BAYTOWN (KHPY)**

RWY 14: 180 FT MSL TOWER 294613.50N/0945637.80W.

**PEARLAND RGNL (KLVJ)**

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 14, 32: 1200 FT MSL TOWER 292757.00N/0951324.00W.

**SUGAR LAND RGNL (KSGR)**

RWY 17: 2049 FT MSL TOWER 293415.70N/0953038.30W.

RWY 35: 2049 FT MSL TOWER 293435.00N/0953037.00W.



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**LA PORTE MUNI (T41)**

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 05: 334 FT MSL STACK 294201.00N/0950211.00W. RWY 12: 499 FT MSL STACK 293747.00N/0950316.00W. RWY 30: 584 FT MSL TOWER 294253.26N/0950540.31W.

**LIBERTY MUNI (T78)**

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 16: 2049 FT MSL TOWER 300102.20N/0943247.89W, 2042 FT MSL TOWER 300306.00N/0943138.00W, 2040 FT MSL TOWER 295609.78N/0943039.38W. RWY 34: 2049 FT MSL TOWER 300102.20N/0943247.89W, 2042 FT MSL TOWER 300306.00N/0943138.00W.

**HOUSTON EXECUTIVE (KTME)**

RWY 36: 546 MSL TOWER 295050.00N/0955259.00W.

**MSA:****LOST COMMUNICATIONS PROCEDURES:****ADDITIONAL FLIGHT DATA:**

DME/DME ASSESSMENT: SAT (RNP 2.0)

CONROE-NORTH HOUSTON RGNL (KCXO) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.  
 RWJ AIRPARK (54T) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.  
 CLEVELAND MUNI (6R3) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.  
 HOUSTON-SOUTHWEST (KAXH) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.  
 DAVID WAYNE HOOKS MEMORIAL (KDWH) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.  
 ELLINGTON (KEFD) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.  
 SCHOLLES INTL AT GALVESTON (KGLS) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.  
 BAYTOWN (KHPY) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.  
 WEST HOUSTON (KIWS) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.  
 TEXAS GULF COAST RGNL (KLBX) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.  
 PEARLAND RGNL (KLVJ) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.  
 SUGAR LAND RGNL (KSGR) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.  
 CHAMBERS COUNTY (T00) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.  
 LA PORTE MUNI (T41) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.  
 LIBERTY MUNI (T78) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.  
 HOUSTON EXECUTIVE (KTME) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.

CHART: MEA/MOCA FROM KARRR TO KAVCY, 4200/2500.

**AIRPORTS SERVED:**

| <u>AIRPORT ID</u> | <u>CITY</u> | <u>STATE</u> |
|-------------------|-------------|--------------|
| KCXO              | HOUSTON     | TX           |
| 54T               | BAYTOWN     | TX           |
| 6R3               | CLEVELAND   | TX           |
| KAXH              | HOUSTON     | TX           |
| KDWH              | HOUSTON     | TX           |
| KEFD              | HOUSTON     | TX           |

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| KARRR          | SEVEN         | KARRR7.KARRR            | SIX                      | 12/05/2019   | <b>29 DEC 2022</b>           |
| KGLS           |               | GALVESTON               |                          |              | TX                           |
| KHPY           |               | BAYTOWN                 |                          |              | TX                           |
| KIWS           |               | HOUSTON                 |                          |              | TX                           |
| KLBX           |               | ANGLETOWN/LAKE JACKSON  |                          |              | TX                           |
| KLVJ           |               | HOUSTON                 |                          |              | TX                           |
| KSGR           |               | HOUSTON                 |                          |              | TX                           |
| T00            |               | ANAHUAC                 |                          |              | TX                           |
| T41            |               | LA PORTE                |                          |              | TX                           |
| T78            |               | LIBERTY                 |                          |              | TX                           |
| KTME           |               | HOUSTON                 |                          |              | TX                           |

**COMMUNICATIONS:****ATIS:** CXO, EFD, DWH.**AWOS/ASOS:** CXO, EFD, DWH, SGR, AXH, TME, GLS, LBX, 6R3, LVJ.**CTAF:** CXO, DWH, SGR, AXH, TME, IWS, GLS, LBX, T41, 54T, 6R3, HPY, LVJ, T00, T78.**CLNC DEL:** CXO, DWH, SGR, AXH, TME, IWS, GLS, LBX, T41, LVJ.**GND CON:** EFD, CXO, DWH, SGR, GLS.**TWR:** EFD, CXO, DWH, SGR, GLS.**FIXES AND/OR NAVAIDS:****REMARKS:**

ABBREVIATED AMENDMENT

**FLIGHT INSPECTED BY**

MICHAEL S MILLER

*Digitally signed by***JULIE A MORGAN**

Sep 09, 2022

**OFFICE**

FPO

**DATE**

09/07/2022

**DEVELOPED BY**

ANA VEGA

*Digitally signed by***ANA Y VEGA**

Jun 02, 2022

**OFFICE**

AJV-A412

**DATE**

05/23/2022

**APPROVED BY**

JULIE MORGAN

**OFFICE**

AJV-A410

**DATE**

*Digitally signed by*  
**JULIE A MORGAN** MANAGER  
 Jul 12, 2022

**REQUIRED EFFECTIVE DATE**

ROUTINE

**COORDINATED WITH:**

QUALITY  
24  
CHECKED

| <u>DP NAME</u>                                                                                                                                                                                                                                                                                                                                                                                                                                        | <u>NUMBER</u> | <u>DP COMPUTER CODE</u> | <u>SUPERSEDED NUMBER</u> | <u>DATED</u> | <u>ACTUAL EFFECTIVE DATE</u> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------------|--------------------------|--------------|------------------------------|
| KARRR                                                                                                                                                                                                                                                                                                                                                                                                                                                 | SEVEN         | KARRR7.KARRR            | SIX                      | 12/05/2019   | <b>29 DEC 2022</b>           |
| <b>A4A</b> <input checked="" type="checkbox"/> <b>ALPA</b> <input checked="" type="checkbox"/> <b>AOPA</b> <input checked="" type="checkbox"/> <b>APA</b> <input checked="" type="checkbox"/> <b>HAI</b> <input type="checkbox"/> <b>NBAA</b> <input checked="" type="checkbox"/> <b>OTHER:</b> ZHU ARTCC, HOU DEP CON, DWH ATCT, EFD ATCT, SGR ATCT, CXO ATCT. AMGR: 54T, 6R3, AXH, CXO, DWH, GLS, HPY, IWS, LBX, LVJ, SGR, T00, T41, T78, TME, EFD. |               |                         |                          |              |                              |

**CHANGES - REASONS:**

1. AMENDED ALL REFERENCES AT KARRR TO KAVCY MOCA FROM "2100" TO "2500" - NEW OBSTACLE 1449 TOWER (48-183650) 292157.99N/0952257.58W, CLEARS FDC 1/8258 NOTAM.
2. PROCEDURAL DATA NOTES: REMOVED NOTE "RNAV 1", AMENDED "DME/DME/IRU OR GPS REQUIRED" TO "RNAV 1 DME/DME/IRU OR GPS REQUIRED" AND MOVED TO PBN REQUIREMENTS NOTES - IAW 8260.46H 2-1-1F(6) AND APPENDIX E, SECTION 1 PARA 5 MEMO.
3. PROCEDURAL DATA NOTES: MOVED RADAR REQUIRED NOTE TO EQUIPMENT REQUIREMENT NOTES - IAW 8260.46H 2-1-1F(5).
4. ADDITIONAL FLIGHT DATA: REMOVED "REFERENCE MAGVAR" AND "REFERENCE PILOT NAVIGATION AREA" - NO LONGER REQUIRED PER 8260.46H.
5. COMMUNICATIONS: REMOVED DEP CON - IAW 8260.46H APPENDIX E SECTION 1 PARA 14.
6. AIRPORTS SERVED: UPDATED TO "AIRPORT ID" ONLY - IAW 8260.46H.
7. TAKEOFF MINIMUMS: AMENDED GGTA CLEVELAND MUNI (6R3) RWY 34 FROM "660" TO "1000" - CLEARS FDC 2/3021 NOTAM.



**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
DEPARTURE (DATA RECORD)**

| DP NAME    |                        |   |       | NUMBER   |        | DP COMPUTER CODE |          | SUPERSEDED NUMBER |                                                                                  | DATED      |  | ACTUAL EFFECTIVE DATE |  |
|------------|------------------------|---|-------|----------|--------|------------------|----------|-------------------|----------------------------------------------------------------------------------|------------|--|-----------------------|--|
| KARRR      |                        |   |       | SEVEN    |        | KARRR7.KARRR     |          | SIX               |                                                                                  | 12/05/2019 |  | 29 DEC 2022           |  |
| FIX/NAVAID | LAT/LONG               | C | FO/FB | LEG TYPE | TC     | DIST (NM)        | ALTITUDE | SPEED             | REMARKS                                                                          |            |  |                       |  |
| KARRR      | 292242.43N/0952231.47W | Y | -     | IF       | -      | -                |          |                   | KEFD 54T 6R3 KAXH KCXO KDWH KGLS<br>KHPY KIWS KLBX KLVJ KSGR T00 T41<br>T78 KTME |            |  |                       |  |
| KAVCY      | 291751.36N/0952744.49W | Y | FB    | TF       | 223.32 | 6.65             |          |                   |                                                                                  |            |  |                       |  |
| KAVCY      | 291751.36N/0952744.49W | Y | -     | IF       | -      | -                |          |                   | KARRR7.CRP                                                                       |            |  |                       |  |
| SKUBA      | 291143.09N/0954728.37W | Y | FB    | TF       | 250.55 | 18.31            |          |                   |                                                                                  |            |  |                       |  |
| PSX VORTAC | 284551.93N/0961822.25W | Y | FB    | TF       | 226.55 | 37.41            |          |                   |                                                                                  |            |  |                       |  |
| YOMOM      | 275915.35N/0970855.98W | Y | FB    | TF       | 224.02 | 64.42            |          |                   |                                                                                  |            |  |                       |  |
| CRP VORTAC | 275413.56N/0972641.57W | Y | FB    | TF       | 252.38 | 16.51            |          |                   |                                                                                  |            |  |                       |  |
| KAVCY      | 291751.36N/0952744.49W | Y | -     | IF       | -      | -                |          |                   | KARRR7.NGP                                                                       |            |  |                       |  |
| RIIGG      | 285408.68N/0953701.36W | Y | FB    | TF       | 199.01 | 25.01            |          |                   |                                                                                  |            |  |                       |  |
| NGP TACAN  | 274110.60N/0971741.08W | Y | FB    | TF       | 231.08 | 114.85           |          |                   |                                                                                  |            |  |                       |  |
| KAVCY      | 291751.36N/0952744.49W | Y | -     | IF       | -      | -                |          |                   | KARRR7.PSX                                                                       |            |  |                       |  |
| SKUBA      | 291143.09N/0954728.37W | Y | FB    | TF       | 250.55 | 18.31            |          |                   |                                                                                  |            |  |                       |  |
| PSX VORTAC | 284551.93N/0961822.25W | Y | FB    | TF       | 226.55 | 37.41            |          |                   |                                                                                  |            |  |                       |  |
| KAVCY      | 291751.36N/0952744.49W | Y | -     | IF       | -      | -                |          |                   | KARRR7.WWREN                                                                     |            |  |                       |  |
| RIIGG      | 285408.68N/0953701.36W | Y | FB    | TF       | 199.01 | 25.01            |          |                   |                                                                                  |            |  |                       |  |
| WWREN      | 280753.99N/0960554.98W | Y | FB    | TF       | 209.01 | 52.68            |          |                   |                                                                                  |            |  |                       |  |

QUALITY

24

QUALITY  
24  
CHECKED



| <u>DP NAME</u>    |                        | <u>NUMBER</u> |              | <u>DP COMPUTER CODE</u> |           | <u>SUPERSEDED NUMBER</u> |                 | <u>DATED</u> | <u>ACTUAL EFFECTIVE DATE</u> |
|-------------------|------------------------|---------------|--------------|-------------------------|-----------|--------------------------|-----------------|--------------|------------------------------|
| KARRR             |                        | SEVEN         |              | KARRR7.KARRR            |           | SIX                      |                 | 12/05/2019   | <b>29 DEC 2022</b>           |
| <u>FIX/NAVAID</u> | <u>LAT/LONG</u>        | <u>C</u>      | <u>FO/FB</u> | <u>LEG<br/>TYPE</u>     | <u>TC</u> | <u>DIST<br/>(NM)</u>     | <u>ALTITUDE</u> | <u>SPEED</u> | <u>REMARKS</u>               |
| KAVCY             | 291751.36N/0952744.49W | Y             | -            | IF                      | -         | -                        |                 |              | KARRR7.YOMOM                 |
| SKUBA             | 291143.09N/0954728.37W | Y             | FB           | TF                      | 250.55    | 18.31                    |                 |              |                              |
| PSX VORTAC        | 284551.93N/0961822.25W | Y             | FB           | TF                      | 226.55    | 37.41                    |                 |              |                              |
| YOMOM             | 275915.35N/0970855.98W | Y             | FB           | TF                      | 224.02    | 64.42                    |                 |              |                              |

