

**U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION**  
**GRAPHIC DEPARTURE PROCEDURE (DP)**

Bearings, headings, courses, tracks, and radials are magnetic. Elevation 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. Graphic depictions attached.

| DP Name | Number | DP Computer Code | Superseded Number | Dated     | Effective Date |
|---------|--------|------------------|-------------------|-----------|----------------|
| CEOLA   | SIX    | CEOLA6.CEOLA     | FIVE              | 05 APR 12 | 18 SEP 2014    |

**TYPE:**      SID                  RNAV

**DP ROUTE DESCRIPTION:**

**TAKEOFF RWY 17C:** CLIMB HEADING 176.27 TO INTERCEPT COURSE 184.84 TO CROSS LARRN AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS, THEN ON DEPICTED ROUTE TO CEOLA. THENCE...

**TAKEOFF RWY 17R:** CLIMB HEADING 176.26 TO INTERCEPT COURSE 183.62 TO CROSS LARRN AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS, THEN ON DEPICTED ROUTE TO CEOLA. THENCE...

**TAKEOFF RWY 18L:** CLIMB HEADING 176.25 TO 1120, THEN DIRECT LARRN, CROSS LARRN AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS, THEN ON DEPICTED ROUTE TO CEOLA. THENCE...

**TAKEOFF RWY 18R:** CLIMB HEADING 176.25 TO 1120, THEN DIRECT LARRN, CROSS LARRN AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS, THEN ON DEPICTED ROUTE TO CEOLA. THENCE...

**TAKEOFF RWY 35C:** CLIMB HEADING 356.27 TO INTERCEPT COURSE 324.71 TO GVINE, THEN ON TRACK 262.00 TO CROSS KMART AT OR ABOVE 5500 AND AT OR BELOW 240 KIAS, THEN ON DEPICTED ROUTE TO CEOLA. THENCE...

**TAKEOFF RWY 35L:** CLIMB HEADING 356.26 TO INTERCEPT COURSE 326.58 TO GVINE, THEN ON TRACK 262.00 TO CROSS KMART AT OR ABOVE 5500 AND AT OR BELOW 240 KIAS, THEN ON DEPICTED ROUTE TO CEOLA. THENCE...

**TAKEOFF RWY 36L:** CLIMB HEADING 356.25 TO INTERCEPT COURSE 339.79 TO GVINE, THEN ON TRACK 262.00 TO CROSS KMART AT OR ABOVE 5500 AND AT OR BELOW 240 KIAS, THEN ON DEPICTED ROUTE TO CEOLA. THENCE...

**TAKEOFF RWY 36R:** CLIMB HEADING 356.25 TO INTERCEPT COURSE 337.56 TO GVINE, THEN ON TRACK 262.00 TO CROSS KMART AT OR ABOVE 5500 AND AT OR BELOW 240 KIAS, THEN ON DEPICTED ROUTE TO CEOLA. THENCE...

**TAKEOFF RWY 31L, 31R:** CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO CEOLA, MAINTAIN 5000. THENCE...

... (TRANSITION). MAINTAIN 10000, EXPECT FILED ALTITUDE TEN MINUTES AFTER DEPARTURE.

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

| Transition Name | Transition Computer Codes | From<br>FIX/NAVAID | To FIX/NAVAID | Course       | Distance | MEA    | MOCA | Crossing Altitudes/Fixes |
|-----------------|---------------------------|--------------------|---------------|--------------|----------|--------|------|--------------------------|
| CORONA          | CEOLA6.CNX                | CEOLA              | KIRST         | TRACK 265.53 | 94.36    | 10000  | 3000 |                          |
|                 |                           | KIRST              | LBB VORTAC    | TRACK 290.63 | 127.42   | FL 180 | 4700 |                          |
|                 |                           | LBB VORTAC         | CNX VORTAC    | TRACK 278.98 | 191.81   | FL 180 | 8000 |                          |
| LUBBOCK         | CEOLA6.LBB                | CEOLA              | KIRST         | TRACK 265.53 | 94.36    | 10000  | 3000 |                          |
|                 |                           | KIRST              | LBB VORTAC    | TRACK 290.63 | 127.42   | FL 180 | 4700 |                          |
| TEXICO          | CEOLA6.TXO                | CEOLA              | KIRST         | TRACK 265.53 | 94.36    | 10000  | 3000 |                          |
|                 |                           | KIRST              | LBB VORTAC    | TRACK 290.63 | 127.42   | FL 180 | 4700 |                          |
|                 |                           | LBB VORTAC         | TXO VORTAC    | TRACK 312.00 | 66.08    | FL 180 | 5400 |                          |



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| CEOLA   | SIX    | CEOLA6.CEOLA     | FIVE              | 05 APR 12 | 18 SEP 2014    |

**PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:**

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: RNAV 1.

NOTE: FOR USE BY TURBOJET AIRCRAFT ONLY.

NOTE: PROPS: FILE AND EXPECT KINGDOM OR COYOTE DEPARTURE.

NOTE: AIRCRAFT LANDING LUBBOCK TERMINAL AREA FILE AND/OR EXPECT THE SLOTT DEPARTURE.

NOTE: RADAR REQUIRED.

**TAKEOFF MINIMUMS:**

TAKEOFF RWYS 31L, 31R: STANDARD.

TAKEOFF RWYS 17C, 17R, 18L, 18R, 35C, 35L, 36L, 36R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1120.

**TAKEOFF OBSTACLES NOTES:**

NOTE: RWY 31L, TREES BEGINNING 928 FT FROM DER, 724 FT LEFT OF CENTERLINE, UP TO 55 FT AGL/654 FT MSL. TREES 1229 FT FROM DER, 729 FT RIGHT OF CENTERLINE, UP TO 28 FT/637 FT MSL. TRANSMISSION POLES AND TOWERS BEGINNING 3402 FT FROM DER, 1398 FT RIGHT OF CENTERLINE, UP TO 110 FT AGL/730 FT MSL.

NOTE: RWY 31R, BUILDING 732 FT FROM DER, 633 FT LEFT OF CENTERLINE, 34 FT AGL/604 FT MSL.

**CONTROLLING OBSTACLES:****LOST COMMUNICATIONS PROCEDURES:****ADDITIONAL FLIGHT DATA:**

REFERENCE MAG VAR: KDFW 4E EPOCH YEAR: 2015. DME/DME ASSESSMENT: SAT (RNP 2.0)

**PILOT NAVIGATION AREA:**

7 NM ARC CENTERED ON CEOLA (IF), CW

FROM: POINT A (BEARING 310 DEGREES TO CEOLA)

TO: POINT B (BEARING 221 DEGREES TO CEOLA)

MINIMUM ALTITUDE – 5000



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**AIRPORTS SERVED:**

DALLAS/FORT WORTH INTL

DALLAS-FORT WORTH, TX

**COMMUNICATIONS:**

CLNC DEL, ATIS, GND CON, TOWER, DEP CON

**FIXES AND/OR NAVAIDS:**

CHART: MANKI, FERRA, SLOTT, PODDE, MQP VORTAC, ABI VORTAC



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**REMARKS:**

PGO VORTAC IS CLOSEST SUITABLE NAVAID (161.75 NM) SET AT MAGVAR 4E TO USE AS RECOMMENDED NAVAID FOR CF LEGS.

**CHANGES:**

1. AMENDED ALL MAGNETIC HEADINGS AND BEARINGS TWO DEGREES.
2. REWORDED RWY 17C, 17R, 18L, 18R, 35C, 35L, 36L, AND 36R DEPARTURE INSTRUCTIONS TO INCLUDE SPEED RESTRICTIONS.
3. AMENDED RWY 31L AND RWY 31R TAKEOFF OBSTACLE NOTES.
4. AMENDED RWY 17C, 17R, 18L, 18R CLIMB GRADIENT FROM 500 FT PER NM TO 5000 TO READ 500 FT PER NM TO 1120.
5. AMENDED RWY 35C, 35L, 36L, 36R CLIMB GRADIENT FROM 500 FT PER NM TO 5500 TO READ 500 FT PER NM TO 1120.
6. RECOMMENDED NAVAID AMENDED FROM TTT VOR/DME TO PGO VORTAC.
7. AMENDED RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT AND FOR ALL AIRCRAFT DEPARTING RWY 31L/31R NOTE TO READ RADAR REQUIRED.
8. REMOVED RWY 13L, 13R, 17L, 35R: NA-AIR TRAFFIC FROM TAKEOFF MINIMUMS.

**REASONS:**

1. KDFW MAGVAR AMENDED FROM 6E 2000 TO 4E 2015.
2. TEXTUAL INSTRUCTIONS SHOULD MATCH FAA FORM 8260-15C CODING.
3. MATCH DATA ON DALLAS/FORT WORTH INTL FORM 8260-15A, AMDT 6.
- 4, 5. CLIMB GRADIENT SHOULD ONLY BE PUBLISHED TO MITIGATE OBSTACLES OR TO REACH MINIMUM RNAV ENGAGEMENT ALTITUDE.
6. CLOSEST NAVAID TO KDFW SET AT 4E MAGVAR TO MATCH UPDATED AIRPORT MAGVAR.
7. ATC REQUEST.
8. IN ACCORDANCE WITH CURRENT DOCUMENTATION POLICY.

QUALITY  
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|-------------|------------------------|--------|------------------|----------|--------|-----------|-------------------|---------------|--------------------------------|
| CEOLA       |                        | SIX    | CEOLA6.CEOLA     |          |        |           | FIVE              | 05 APR 12     | 18 SEP 2014                    |
| FIX/NAVAID  | LAT/LONG               | C      | FO/FB            | LEG TYPE | TC     | DIST (NM) | ALTITUDE          | SPEED         | REMARKS                        |
| RW17C (AER) | 325456.55N/0970133.49W | N      | -                | -        | -      | -         |                   |               |                                |
|             | 325136.03N/0970134.60W | -      | -                | VI       | 180.27 | 3.34      |                   |               | CG 500 FT/NM TO 1120.          |
| LARRN       | 324228.17N/0970315.36W | Y      | FB               | CF       | 188.84 | 9.22      | AT/ABOVE 5000     | AT/BELOW 240K | RECOMMENDED NAVAID: PGO VORTAC |
| GIGEM       | 324127.70N/0970814.40W | Y      | FB               | TF       | 256.57 | 4.32      |                   |               |                                |
| TANNO       | 324152.81N/0971518.23W | Y      | FB               | TF       | 274.04 | 5.98      |                   |               |                                |
| CEOLA       | 325158.77N/0974359.77W | Y      | FB               | TF       | 292.75 | 26.21     |                   |               |                                |
| RW17R (AER) | 325456.60N/0970147.58W | N      | -                | -        | -      | -         |                   |               |                                |
|             | 325136.09N/0970148.66W | -      | -                | VI       | 180.26 | 3.34      |                   |               | CG 500 FT/NM TO 1120.          |
| LARRN       | 324228.17N/0970315.36W | Y      | FB               | CF       | 187.62 | 9.20      | AT/ABOVE 5000     | AT/BELOW 240K | RECOMMENDED NAVAID: PGO VORTAC |
| GIGEM       | 324127.70N/0970814.40W | Y      | FB               | TF       | 256.57 | 4.32      |                   |               |                                |
| TANNO       | 324152.81N/0971518.23W | Y      | FB               | TF       | 274.04 | 5.98      |                   |               |                                |
| CEOLA       | 325158.77N/0974359.77W | Y      | FB               | TF       | 292.75 | 26.21     |                   |               |                                |
| RW18L (AER) | 325456.88N/0970302.65W | N      | -                | -        | -      | -         |                   |               |                                |
|             | 1120 MSL               | -      | -                | VA       | 180.25 | -         |                   |               | CG 500 FT/NM TO 1120.          |
| LARRN       | 324228.17N/0970315.36W | Y      | FB               | DF       | -      | -         | AT/ABOVE 5000     | AT/BELOW 240K |                                |
| GIGEM       | 324127.70N/0970814.40W | Y      | FB               | TF       | 256.57 | 4.32      |                   |               |                                |
| TANNO       | 324152.81N/0971518.23W | Y      | FB               | TF       | 274.04 | 5.98      |                   |               |                                |
| CEOLA       | 325158.77N/0974359.77W | Y      | FB               | TF       | 292.75 | 26.21     |                   |               |                                |
| RW18R (AER) | 325456.93N/0970316.71W | N      | -                | -        | -      | -         |                   |               |                                |
|             | 1120 MSL               | -      | -                | VA       | 180.25 | -         |                   |               | CG 500 FT/NM TO 1120.          |
| LARRN       | 324228.17N/0970315.36W | Y      | FB               | DF       | -      | -         | AT/ABOVE 5000     | AT/BELOW 240K |                                |
| GIGEM       | 324127.70N/0970814.40W | Y      | FB               | TF       | 256.57 | 4.32      |                   |               |                                |
| TANNO       | 324152.81N/0971518.23W | Y      | FB               | TF       | 274.04 | 5.98      |                   |               |                                |
| CEOLA       | 325158.77N/0974359.77W | Y      | FB               | TF       | 292.75 | 26.21     |                   |               |                                |
| RW31L (AER) | 325324.97N/0970347.79W | N      | -                | -        | -      | -         |                   |               |                                |
|             |                        | -      | -                | VM       | 319.06 | -         |                   |               |                                |
| CEOLA       | 325158.77N/0974359.77W | Y      | FB               | DF       | -      | -         |                   |               |                                |

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| CEOLA       |                        | SIX    |       | CEOLA6.CEOLA     |        | FIVE              |               | 05 APR 12     | 18 SEP 2014                    |
| FIX/NAVAID  | LAT/LONG               | C      | FO/FB | LEG TYPE         | TC     | DIST (NM)         | ALTITUDE      | SPEED         | REMARKS                        |
| RW31R (AER) | 325341.93N/0970003.04W | N      | -     | -                | -      | -                 |               |               |                                |
|             |                        | -      | -     | VM               | 315.28 | -                 |               |               |                                |
| CEOLA       | 325158.77N/0974359.77W | Y      | FB    | DF               | -      | -                 |               |               |                                |
| RW35C (AER) | 325243.96N/0970134.22W | N      | -     | -                | -      | -                 |               |               |                                |
|             | 325605.68N/0970133.10W | -      | -     | VI               | 000.27 | 3.36              |               |               | CG 500 FT/NM TO 1120.          |
| GVINE       | 330043.50N/0970453.56W | Y      | FB    | CF               | 328.71 | 5.41              |               |               | RECOMMENDED NAVAID: PGO VORTAC |
| KMART       | 330025.19N/0971002.47W | Y      | FB    | TF               | 266.00 | 4.34              | AT/ABOVE 5500 | AT/BELOW 240K |                                |
| MARSN       | 325959.38N/0971424.03W | Y      | FB    | TF               | 263.34 | 3.69              |               |               |                                |
| CEOLA       | 325158.77N/0974359.77W | Y      | FB    | TF               | 252.34 | 26.16             |               |               |                                |
| RW35L (AER) | 325244.02N/0970148.29W | N      | -     | -                | -      | -                 |               |               |                                |
|             | 325605.13N/0970147.21W | -      | -     | VI               | 000.26 | 3.35              |               |               | CG 500 FT/NM TO 1120.          |
| GVINE       | 330043.50N/0970453.56W | Y      | FB    | CF               | 330.58 | 5.32              |               |               | RECOMMENDED NAVAID: PGO VORTAC |
| KMART       | 330025.19N/0971002.47W | Y      | FB    | TF               | 266.00 | 4.34              | AT/ABOVE 5500 | AT/BELOW 240K |                                |
| MARSN       | 325959.38N/0971424.03W | Y      | FB    | TF               | 263.34 | 3.69              |               |               |                                |
| CEOLA       | 325158.77N/0974359.77W | Y      | FB    | TF               | 252.34 | 26.16             |               |               |                                |
| RW36L (AER) | 325244.35N/0970317.40W | N      | -     | -                | -      | -                 |               |               |                                |
|             | 325601.86N/0970316.37W | -      | -     | VI               | 000.25 | 3.29              |               |               | CG 500 FT/NM TO 1120.          |
| GVINE       | 330043.50N/0970453.56W | Y      | FB    | CF               | 343.79 | 4.88              |               |               | RECOMMENDED NAVAID: PGO VORTAC |
| KMART       | 330025.19N/0971002.47W | Y      | FB    | TF               | 266.00 | 4.34              | AT/ABOVE 5500 | AT/BELOW 240K |                                |
| MARSN       | 325959.38N/0971424.03W | Y      | FB    | TF               | 263.34 | 3.69              |               |               |                                |
| CEOLA       | 325158.77N/0974359.77W | Y      | FB    | TF               | 252.34 | 26.16             |               |               |                                |
| RW36R (AER) | 325244.30N/0970303.33W | N      | -     | -                | -      | -                 |               |               |                                |
|             | 325602.41N/0970302.31W | -      | -     | VI               | 000.25 | 3.30              |               |               | CG 500 FT/NM TO 1120.          |
| GVINE       | 330043.50N/0970453.56W | Y      | FB    | CF               | 341.56 | 4.93              |               |               | RECOMMENDED NAVAID: PGO VORTAC |
| KMART       | 330025.19N/0971002.47W | Y      | FB    | TF               | 266.00 | 4.34              | AT/ABOVE 5500 | AT/BELOW 240K |                                |
| MARSN       | 325959.38N/0971424.03W | Y      | FB    | TF               | 263.34 | 3.69              |               |               |                                |
| CEOLA       | 325158.77N/0974359.77W | Y      | FB    | TF               | 252.34 | 26.16             |               |               |                                |

QUALITY

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| CEOLA      |                        | SIX    | CEOLA6.CEOLA     |          |        |           | FIVE              | 05 APR 12 | 18 SEP 2014    |
| FIX/NAVAID | LAT/LONG               | C      | FO/FB            | LEG TYPE | TC     | DIST (NM) | ALTITUDE          | SPEED     | REMARKS        |
| CEOLA      | 325158.77N/0974359.77W | Y      | -                | IF       | -      | -         |                   |           | CEOLA6.CNX     |
| KIRST      | 325022.50N/0993559.65W | Y      | FB               | TF       | 269.53 | 94.36     |                   |           |                |
| LBB VORTAC | 334217.82N/1015450.44W | Y      | FB               | TF       | 294.63 | 127.42    |                   |           |                |
| CNX VORTAC | 342201.26N/1054040.82W | Y      | FB               | TF       | 282.98 | 191.81    |                   |           |                |
| CEOLA      | 325158.77N/0974359.77W | Y      | -                | IF       | -      | -         |                   |           | CEOLA6.LBB     |
| KIRST      | 325022.50N/0993559.65W | Y      | FB               | TF       | 269.53 | 94.36     |                   |           |                |
| LBB VORTAC | 334217.82N/1015450.44W | Y      | FB               | TF       | 294.63 | 127.42    |                   |           |                |
| CEOLA      | 325158.77N/0974359.77W | Y      | -                | IF       | -      | -         |                   |           | CEOLA6.TXO     |
| KIRST      | 325022.50N/0993559.65W | Y      | FB               | TF       | 269.53 | 94.36     |                   |           |                |
| LBB VORTAC | 334217.82N/1015450.44W | Y      | FB               | TF       | 294.63 | 127.42    |                   |           |                |
| TXO VORTAC | 342942.46N/1025022.79W | Y      | FB               | TF       | 316.00 | 66.08     |                   |           |                |

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| CEOLA RNAV | SIX    | CEOLA6.CEOLA     | FIVE              | 05 APR 12 | 18 SEP 2014    |

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|       |                     |                 |       |        |                   |       |
|-------|---------------------|-----------------|-------|--------|-------------------|-------|
| SUSAP | KDFWK4DCEOLA64RW18B | 030GIGEMK4PCOE  | 010TF |        |                   |       |
| SUSAP | KDFWK4DCEOLA64RW18B | 040TANNOK4PCOE  | 010TF |        |                   |       |
| SUSAP | KDFWK4DCEOLA64RW18B | 050CEOLAK4EA0EE | 010TF |        |                   |       |
| SUSAP | KDFWK4DCEOLA64RW31L | 010             | VM    | 3151   |                   | 18000 |
| SUSAP | KDFWK4DCEOLA64RW31L | 020CEOLAK4EA0EE | 010DF |        |                   |       |
| SUSAP | KDFWK4DCEOLA64RW31R | 010             | VM    | 3113   |                   | 18000 |
| SUSAP | KDFWK4DCEOLA64RW31R | 020CEOLAK4EA0EE | 010DF |        |                   |       |
| SUSAP | KDFWK4DCEOLA64RW35C | 010             | VI    | 3563   |                   | 18000 |
| SUSAP | KDFWK4DCEOLA64RW35C | 020GVINEK4PCOE  | 010CF | PGO K4 | 2277158932470054D |       |
| SUSAP | KDFWK4DCEOLA64RW35C | 030KMARTK4PCOE  | 010TF |        | + 05500           | 240   |
| SUSAP | KDFWK4DCEOLA64RW35C | 040MARSNK4PCOE  | 010TF |        |                   | -     |
| SUSAP | KDFWK4DCEOLA64RW35C | 050CEOLAK4EA0EE | 010TF |        |                   |       |
| SUSAP | KDFWK4DCEOLA64RW35L | 010             | VI    | 3563   |                   | 18000 |
| SUSAP | KDFWK4DCEOLA64RW35L | 020GVINEK4PCOE  | 010CF | PGO K4 | 2277158932660053D |       |
| SUSAP | KDFWK4DCEOLA64RW35L | 030KMARTK4PCOE  | 010TF |        | + 05500           | 240   |
| SUSAP | KDFWK4DCEOLA64RW35L | 040MARSNK4PCOE  | 010TF |        |                   | -     |
| SUSAP | KDFWK4DCEOLA64RW35L | 050CEOLAK4EA0EE | 010TF |        |                   |       |
| SUSAP | KDFWK4DCEOLA64RW36L | 010             | VI    | 3563   |                   | 18000 |
| SUSAP | KDFWK4DCEOLA64RW36L | 020GVINEK4PCOE  | 010CF | PGO K4 | 2277158933980049D |       |
| SUSAP | KDFWK4DCEOLA64RW36L | 030KMARTK4PCOE  | 010TF |        | + 05500           | 240   |
| SUSAP | KDFWK4DCEOLA64RW36L | 040MARSNK4PCOE  | 010TF |        |                   | -     |
| SUSAP | KDFWK4DCEOLA64RW36L | 050CEOLAK4EA0EE | 010TF |        |                   |       |
| SUSAP | KDFWK4DCEOLA64RW36R | 010             | VI    | 3563   |                   | 18000 |
| SUSAP | KDFWK4DCEOLA64RW36R | 020GVINEK4PCOE  | 010CF | PGO K4 | 2277158933760049D |       |
| SUSAP | KDFWK4DCEOLA64RW36R | 030KMARTK4PCOE  | 010TF |        | + 05500           | 240   |
| SUSAP | KDFWK4DCEOLA64RW36R | 040MARSNK4PCOE  | 010TF |        |                   | -     |
| SUSAP | KDFWK4DCEOLA64RW36R | 050CEOLAK4EA0EE | 010TF |        |                   |       |
| SUSAP | KDFWK4DCEOLA66CNX   | 010CEOLAK4EA0E  | IF    |        |                   | 18000 |
| SUSAP | KDFWK4DCEOLA66CNX   | 020KIRSTK4EA0E  | 010TF |        |                   |       |
| SUSAP | KDFWK4DCEOLA66CNX   | 030LBB K4D OV   | 010TF |        |                   |       |
| SUSAP | KDFWK4DCEOLA66CNX   | 040CNX K2D OVE  | 010TF |        |                   |       |
| SUSAP | KDFWK4DCEOLA66LBB   | 010CEOLAK4EA0E  | IF    |        |                   | 18000 |
| SUSAP | KDFWK4DCEOLA66LBB   | 020KIRSTK4EA0E  | 010TF |        |                   |       |
| SUSAP | KDFWK4DCEOLA66LBB   | 030LBB K4D OVE  | 010TF |        |                   |       |
| SUSAP | KDFWK4DCEOLA66TXO   | 010CEOLAK4EA0E  | IF    |        |                   | 18000 |
| SUSAP | KDFWK4DCEOLA66TXO   | 020KIRSTK4EA0E  | 010TF |        |                   |       |
| SUSAP | KDFWK4DCEOLA66TXO   | 030LBB K4D OV   | 010TF |        |                   |       |
| SUSAP | KDFWK4DCEOLA66TXO   | 040TXO K4D OVE  | 010TF |        |                   |       |

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**DEPARTURE (DATA RECORD)**

| DP Name            | Number     | DP Computer Code         | Superseded Number          | Dated     | Effective Date |
|--------------------|------------|--------------------------|----------------------------|-----------|----------------|
| CEOLA RNAV         | SIX        | CEOLA6.CEOLA             | FIVE                       | 05 APR 12 | 18 SEP 2014    |
| SUSAP KDFWK4GRW31R | 0090003113 | N32534193W097000304+0500 | +0128000508000053200IIRRA1 |           |                |
| SUSAP KDFWK4GRW35C | 0134013563 | N32524396W097013422-0002 | +0144400562000055150IIPKQ3 |           |                |
| SUSAP KDFWK4GRW35L | 0134013563 | N32524402W097014829+0000 | +0144700563000047200IIUWX1 |           |                |
| SUSAP KDFWK4GRW36L | 0134003563 | N32524435W097031740+0200 | +0150400582000055150IIBXN1 |           |                |
| SUSAP KDFWK4GRW36R | 0134003563 | N32524430W097030333+0200 | +0148300575000050200IIFJN1 |           |                |

## DEPARTURE (DATA RECORD)

| DP Name    | Number | DP Computer Code | Superseded Number | Dated     | Effective Date |
|------------|--------|------------------|-------------------|-----------|----------------|
| CEOLA RNAV | SIX    | CEOLA6.CEOLA     | FIVE              | 05 APR 12 | 18 SEP 2014    |

ARINC SUMMARY - 424-18 - SID

| ROUTES | TRANSITION | FIX   | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG(TRUE) | DISTANCE | ALTITUDE | SPEED  |
|--------|------------|-------|-----|-----|------|------|-------|-----|-----------|----------|----------|--------|
|        | RW17C      |       | 010 |     | VI   |      | FB    |     | 176.3()   |          |          |        |
|        | RW17C      | LARRN | 020 |     | CF   |      | FB    | 1.0 | 184.8()   | 009.2    | AA 05000 | AB 240 |
|        | RW17C      | GIGEM | 030 |     | TF   |      | FB    | 1.0 |           |          |          |        |
|        | RW17C      | TANNO | 040 |     | TF   |      | FB    | 1.0 |           |          |          |        |
|        | RW17C      | CEOLA | 050 |     | TF   |      | FB    | 1.0 |           |          |          |        |
|        | RW17R      |       | 010 |     | VI   |      | FB    |     | 176.3()   |          |          |        |
|        | RW17R      | LARRN | 020 |     | CF   |      | FB    | 1.0 | 183.6()   | 009.2    | AA 05000 | AB 240 |
|        | RW17R      | GIGEM | 030 |     | TF   |      | FB    | 1.0 |           |          |          |        |
|        | RW17R      | TANNO | 040 |     | TF   |      | FB    | 1.0 |           |          |          |        |
|        | RW17R      | CEOLA | 050 |     | TF   |      | FB    | 1.0 |           |          |          |        |
|        | RW18B      |       | 010 |     | VA   |      | FB    |     | 176.3()   |          | AA 01120 |        |
|        | RW18B      | LARRN | 020 |     | DF   |      | FB    | 1.0 |           |          | AA 05000 | AB 240 |
|        | RW18B      | GIGEM | 030 |     | TF   |      | FB    | 1.0 |           |          |          |        |
|        | RW18B      | TANNO | 040 |     | TF   |      | FB    | 1.0 |           |          |          |        |
|        | RW18B      | CEOLA | 050 |     | TF   |      | FB    | 1.0 |           |          |          |        |
|        | RW31L      |       | 010 |     | VM   |      | FB    |     | 315.1()   |          |          |        |
|        | RW31L      | CEOLA | 020 |     | DF   |      | FB    | 1.0 |           |          |          |        |
|        | RW31R      |       | 010 |     | VM   |      | FB    |     | 311.3()   |          |          |        |
|        | RW31R      | CEOLA | 020 |     | DF   |      | FB    | 1.0 |           |          |          |        |
|        | RW35C      |       | 010 |     | VI   |      | FB    |     | 356.3()   |          |          |        |
|        | RW35C      | GVINE | 020 |     | CF   |      | FB    | 1.0 | 324.7()   | 005.4    |          |        |
|        | RW35C      | KMART | 030 |     | TF   |      | FB    | 1.0 |           |          | AA 05500 | AB 240 |
|        | RW35C      | MARSN | 040 |     | TF   |      | FB    | 1.0 |           |          |          |        |
|        | RW35C      | CEOLA | 050 |     | TF   |      | FB    | 1.0 |           |          |          |        |
|        | RW35L      |       | 010 |     | VI   |      | FB    |     | 356.3()   |          |          |        |
|        | RW35L      | GVINE | 020 |     | CF   |      | FB    | 1.0 | 326.6()   | 005.3    |          |        |
|        | RW35L      | KMART | 030 |     | TF   |      | FB    | 1.0 |           |          | AA 05500 | AB 240 |
|        | RW35L      | MARSN | 040 |     | TF   |      | FB    | 1.0 |           |          |          |        |
|        | RW35L      | CEOLA | 050 |     | TF   |      | FB    | 1.0 |           |          |          |        |
|        | RW36L      |       | 010 |     | VI   |      | FB    |     | 356.3()   |          |          |        |
|        | RW36L      | GVINE | 020 |     | CF   |      | FB    | 1.0 | 339.8()   | 004.9    |          |        |
|        | RW36L      | KMART | 030 |     | TF   |      | FB    | 1.0 |           |          | AA 05500 | AB 240 |
|        | RW36L      | MARSN | 040 |     | TF   |      | FB    | 1.0 |           |          |          |        |
|        | RW36L      | CEOLA | 050 |     | TF   |      | FB    | 1.0 |           |          |          |        |
|        | RW36R      |       | 010 |     | VI   |      | FB    |     | 356.3()   |          |          |        |
|        | RW36R      | GVINE | 020 |     | CF   |      | FB    | 1.0 | 337.6()   | 004.9    |          |        |
|        | RW36R      | KMART | 030 |     | TF   |      | FB    | 1.0 |           |          | AA 05500 | AB 240 |
|        | RW36R      | MARSN | 040 |     | TF   |      | FB    | 1.0 |           |          |          |        |
|        | RW36R      | CEOLA | 050 |     | TF   |      | FB    | 1.0 |           |          |          |        |
|        | CNX        | CEOLA | 010 |     | IF   |      | FB    |     |           |          |          |        |
|        | CNX        | KIRST | 020 |     | TF   |      | FB    | 1.0 |           |          |          |        |
|        | CNX        | LBB   | 030 |     | TF   |      | FB    | 1.0 |           |          |          |        |

## DEPARTURE (DATA RECORD)

| DP Name     | Number    | DP Computer Code | Superseded Number | Dated       | Effective Date |
|-------------|-----------|------------------|-------------------|-------------|----------------|
| CEOLA RNAV  | SIX       | CEOLA6.CEOLA     | FIVE              | 05 APR 12   | 18 SEP 2014    |
| CNX         | CNX 040   | TF               | FB                | 1.0         |                |
| LBB         | CEOLA 010 | IF               | FB                |             |                |
| LBB         | KIRST 020 | TF               | FB                | 1.0         |                |
| LBB         | LBB 030   | TF               | FB                | 1.0         |                |
| TXO         | CEOLA 010 | IF               | FB                |             |                |
| TXO         | KIRST 020 | TF               | FB                | 1.0         |                |
| TXO         | LBB 030   | TF               | FB                | 1.0         |                |
| TXO         | TXO 040   | TF               | FB                | 1.0         |                |
| POINT DATA  | WAYPOINT  | LAT IN SECS      | LONG IN SECS      | LAT IN MINS | LONG IN MINS   |
|             | CNX       | N342201.26       | W1054040.82       | N3422.021   | W10540.680     |
|             | LBB       | N334217.82       | W1015450.44       | N3342.297   | W10154.841     |
|             | PGO       | N344049.67       | W0943632.41       | N3440.828   | W09436.540     |
|             | TXO       | N342942.46       | W1025022.79       | N3429.708   | W10250.380     |
|             | CEOLA     | N325158.77       | W0974359.77       | N3251.980   | W09743.996     |
|             | KIRST     | N325022.50       | W0993559.65       | N3250.375   | W09935.994     |
|             | GIGEM     | N324127.70       | W0970814.40       | N3241.462   | W09708.240     |
|             | GVINE     | N330043.50       | W0970453.56       | N3300.725   | W09704.893     |
|             | KMART     | N330025.19       | W0971002.47       | N3300.420   | W09710.041     |
|             | LARRN     | N324228.17       | W0970315.36       | N3242.470   | W09703.256     |
|             | MARSN     | N325959.38       | W0971424.03       | N3259.990   | W09714.401     |
|             | TANNO     | N324152.81       | W0971518.23       | N3241.880   | W09715.304     |
|             | RW17C     | N325456.55       | W0970133.49       | N3254.943   | W09701.558     |
|             | RW17R     | N325456.60       | W0970147.58       | N3254.943   | W09701.793     |
|             | RW18L     | N325456.88       | W0970302.65       | N3254.948   | W09703.044     |
|             | RW18R     | N325456.93       | W0970316.71       | N3254.949   | W09703.279     |
|             | RW31L     | N325324.97       | W0970347.79       | N3253.416   | W09703.797     |
|             | RW31R     | N325341.93       | W0970003.04       | N3253.699   | W09700.051     |
|             | RW35C     | N325243.96       | W0970134.22       | N3252.733   | W09701.570     |
|             | RW35L     | N325244.02       | W0970148.29       | N3252.734   | W09701.805     |
|             | RW36L     | N325244.35       | W0970317.40       | N3252.739   | W09703.290     |
|             | RW36R     | N325244.30       | W0970303.33       | N3252.738   | W09703.056     |
| RUNWAY DATA | THRESHOLD |                  |                   |             |                |
|             | RWY       | ELEVATION        | TCH               |             |                |
|             | RW17C     | 00562            | 52                |             |                |
|             | RW17R     | 00567            | 52                |             |                |
|             | RW18L     | 00602            | 55                |             |                |
|             | RW18R     | 00607            | 54                |             |                |
|             | RW31L     | 00577            | 54                |             |                |
|             | RW31R     | 00508            | 53                |             |                |
|             | RW35C     | 00562            | 55                |             |                |
|             | RW35L     | 00563            | 47                |             |                |
|             | RW36L     | 00582            | 55                |             |                |
|             | RW36R     | 00575            | 50                |             |                |

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| CEOLA RNAV | SIX    | CEOLA6.CEOLA     | FIVE              | 05 APR 12 | 18 SEP 2014    |