

**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SUPERSEDED NUMBER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>
CONNR	SEVEN	CONNR7.CONNR	SIX	01/30/2020	26 MAR 20

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	☐	☐	☒	☐	☒

DP ROUTE DESCRIPTION:

DENVER INTL:

TAKEOFF RWY 8: CLIMB ON HEADING 082.56 TO 5934, THEN ON HEADING 082.55 OR AS ASSIGNED BY ATC, EXPECT VECTORS TO CROSS TAVRN AT OR ABOVE 12000, THENCE ...

TAKEOFF RWY 16L/R: CLIMB ON HEADING 172.51 TO 5934, THEN CLIMBING RIGHT TURN DIRECT TO CROSS FOAMS AT OR BELOW 10000, THEN ON TRACK 247.51 TO CROSS TAVRN AT OR ABOVE 12000, THENCE ...

TAKEOFF RWY 17L/R: CLIMB ON HEADING 172.54 TO 5934, THEN CLIMBING RIGHT TURN DIRECT TO CROSS FOAMS AT OR BELOW 10000, THEN ON TRACK 247.51 TO CROSS TAVRN AT OR ABOVE 12000, THENCE ...

TAKEOFF RWY 25: CLIMB ON HEADING 262.51 TO 5934, THEN CLIMB DIRECT TO CROSS FOAMS AT OR BELOW 10000, THEN ON TRACK 247.51 TO CROSS TAVRN AT OR ABOVE 12000, THENCE ...

TAKEOFF RWY 34L/R: CLIMB ON HEADING 352.51 TO 5934, THEN CLIMBING LEFT TURN DIRECT TO CROSS FOAMS AT OR BELOW 10000, THEN ON TRACK 247.51 TO CROSS TAVRN AT OR ABOVE 12000, THENCE ...

TAKEOFF RWY 35L: CLIMB ON HEADING 352.53 TO 5934, THEN CLIMBING LEFT TURN DIRECT TO CROSS FOAMS AT OR BELOW 10000, THEN ON TRACK 247.51 TO CROSS TAVRN AT OR ABOVE 12000, THENCE ...

TAKEOFF RWY 35R: CLIMB ON HEADING 352.54 TO 5934, THEN CLIMBING LEFT TURN DIRECT TO CROSS FOAMS AT OR BELOW 10000, THEN ON TRACK 247.51 TO CROSS TAVRN AT OR ABOVE 12000, THENCE ...

... ON TRACK 247.24 TO CROSS VONNN AT OR ABOVE 14000, THEN ON TRACK 247.14 TO CROSS TEEBO AT OR ABOVE 16000, THEN ON TRACK 247.21 TO CROSS CONNR AT OR ABOVE 17000.

THEN ON (TRANSITION) MAINTAIN FL230 OR FILED LOWER ALTITUDE. EXPECT HIGHER FILED ALTITUDE TEN MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>
WERNR	CONNR7.WERNR	CONNR	WERNR	TRACK 252.07	47.44	17000	16500	

PROCEDURAL DATA NOTES:

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: RNAV 1.

NOTE: TURBOJETS ONLY.

NOTE: TAKEOFF RWY 8 RADAR REQUIRED.

NOTE: TAKEOFF RWYS 16L/R, 17L/R, 25, 34L/R, 35L/R, RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT.

NOTE: ACCELERATE TO 250 KT OR GREATER UPON REACHING 10000. IF SLOWER SPEED IS REQUIRED TO MEET CROSSING RESTRICTIONS ADVISE CLEARANCE DELIVERY PRIOR TO TAXI.

TAKEOFF MINIMUMS:

RWYS 7, 26:NA-ATC.

RWY 8: STANDARD.

RWY 16L: STANDARD WITH MINIMUM CLIMB 425 FT PER NM NM TO 5934, THEN MINIMUM CLIMB OF 210 FT PER NM NM TO 16000.

RWY 16R: STANDARD WITH MINIMUM CLIMB 420 FT PER NM NM TO 5934, THEN MINIMUM CLIMB OF 250 FT PER NM NM TO 16000.

RWY 17L: STANDARD WITH MINIMUM CLIMB 450 FT PER NM NM TO 5934.

RWY 17R: STANDARD WITH MINIMUM CLIMB 460 FT PER NM NM TO 5934, THEN MINIMUM CLIMB OF 205 FT PER NM NM TO 16000.

RWY 25: STANDARD WITH MINIMUM CLIMB 400 FT PER NM NM TO 5934, THEN MINIMUM CLIMB OF 225 FT PER NM NM TO 16000.

RWY 34L/R: STANDARD WITH MINIMUM CLIMB 400 FT PER NM NM TO 5934, THEN MINIMUM CLIMB OF 210 FT PER NM NM TO 16000.

RWY 35L/R: STANDARD WITH MINIMUM CLIMB 400 FT PER NM NM TO 5934.

TAKEOFF OBSTACLES NOTES:

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



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CONNRR	SEVEN	CONNRR7.CONNR	SIX	01/30/2020	26 MAR 20

CONTROLLING OBSTACLES:

RWY 16L/R, 17R, 25, 34L/R: 13619 FT AAO 393721.00N/1053927.00W.

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

CHART: TOP ALTITUDE FL 230.

REFERENCE MAG VAR: KDEN 8E EPOCH YR: 2015.

DME/DME ASSESSMENT: SAT (RNP 2.0).

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
DENVER INTL	KDEN	DENVER	CO

COMMUNICATIONS:

D-ATIS DEP, CLNC DEL, CPDLC, DENVER DEP CON

FIXES AND/OR NAVAIDS:

CHART ZAKRY

REMARKS:

INITIAL MINIMUM CLIMB GRADIENTS ARE BASED ON LNAV ENGAGEMENT.

CHART NOTE: SEE ADDITIONAL REQUIREMENTS ON AAUP.

FLIGHT INSPECTED BY

JAMES HAWKLEY
Digitally signed by
DONALD H LANIER
Jan 27, 2020

OFFICE
FICO
DATE
1/25/2020

DEVELOPED BY

ROBERT GRIM
Digitally signed by
DONALD H LANIER
Jan 27, 2020

Digitally signed by
ROBERT GRIM
Jan 22, 2020

OFFICE
AJV-A431
DATE
10/10/2019

APPROVED BY

LONNIE EVERHART

OFFICE
AJV-A430

DATE

TITLE
MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZDV, DEN APP CON, CO AERO MGR, DEN APT MGR CLNC DEL, ATIS, GND, DEN ATCT, DEP CON

CHANGES - REASONS:

REMOVED ALL REFERENCES TO KAPA, KBJC, KFNL AND KFTG AIRPORTS - PROCEDURE REDESIGN, CONNR SID ONLY SERVES DENVER INTL.

REMOVED PNA DESCRIPTION AND ALL REFERENCES TO PNA IN REMARKS - IAW 8260.46G 1-1-5 H (4).

ADDED AT OR ABOVE 17000 ALTITUDE RESTRICTION AT CONNR - PER ATC REQUEST.

MOVED CONNR WAYPOINT 0.62 NM SOUTH - REMOVE DOGLEG FROM ROUTE.

MOVED TEEBO WAYPOINT 0.60 NM SOUTH - REMOVE DOGLEG FROM ROUTE.

MOVED VONNN WAYPOINT 0.67 NM SOUTH - REMOVE DOGLEG FROM ROUTE.

MOVED TAVRN WAYPOINT 0.74 NM SOUTH - REMOVE DOGLEG FROM ROUTE.

ADDED/MOVED FOAMS WAYPOINT 4.04 NM NORTHWEST - PROCEDURE REDESIGN AND ATC REQUEST.

ADDED AT OR BELOW 10000 ALTITUDE RESTRICTION AT FOAMS - PROCEDURE REDESIGN AND ATC REQUEST.

QUALITY
18
CHECKED

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CONNRR	SEVEN	CONNRR7.CONNR	SIX	01/30/2020	26 MAR 20

ADDED WERNR WAYPOINT - PROCEDURE REDESIGN AND ATC REQUEST.
REMOVED RED TABLE (DBL) VOR/DME - PROCEDURE REDESIGN AND ATC REQUEST.
REMOVED WRIPS WAYPOINT - PROCEDURE REDESIGN AND ATC REQUEST.
REMOVED YOBUB WAYPOINT - PROCEDURE REDESIGN AND ATC REQUEST.
REMOVED MYALE WAYPOINT - PROCEDURE REDESIGN AND ATC REQUEST.
REMOVED GOROC WAYPOINT - PROCEDURE REDESIGN AND ATC REQUEST.
REMOVED YORVT WAYPOINT - PROCEDURE REDESIGN AND ATC REQUEST.
REMOVED HURDL WAYPOINT - PROCEDURE REDESIGN AND ATC REQUEST.
REMOVED HAWPE WAYPOINT - PROCEDURE REDESIGN AND ATC REQUEST.
REMOVED TUNNN WAYPOINT - PROCEDURE REDESIGN AND ATC REQUEST.
REMOVED BULDG WAYPOINT - PROCEDURE REDESIGN AND ATC REQUEST.
CHANGED DP COMPUTER CODE FROM CONNR6.CONNR TO CONNR7.CONNR - IAW 8260.46G 3-1-2 D.
ADDED ENROUTE TRANSITION CONNR7.WERNR - PROCEDURE REDESIGN AND ATC REQUEST.
CHANGED DEPARTURE ROUTE DESCRIPTION - PROCEDURE REDESIGN AND ATC REQUEST.
ADDED NOTES IN REMARKS: INITIAL MINIMUM CLIMB GRADIENTS ARE BASED ON LNAV ENGAGEMENT. CHART NOTE: SEE ADDITIONAL REQUIREMENTS ON AAUP.

01/22/20: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 10/10/19.

1. CHANGED RWY 25 DP ROUTE DESCRIPTION FROM TAKEOFF RWY 25 CONNR: CLIMB ON HEADING 262.48 TO 5934, THEN CLIMB DIRECT TO CROSS FOAMS AT OR BELOW 10000, THEN ON TRACK 247.51 TO CROSS TAVRN AT OR ABOVE 12000, THENCE ...TO TAKEOFF RWY 25: CLIMB ON HEADING 262.51 TO 5934, THEN CLIMB DIRECT TO CROSS FOAMS AT OR BELOW 10000, THEN ON TRACK 247.51 TO CROSS TAVRN AT OR ABOVE 12000, THENCE
2. CHANGED RWY 25 INITIAL HEADING FROM 270.48 TO 270.51 ON THE 8260-15C.



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

DP NAME						NUMBER	DP COMPUTER CODE		SUPERSEDED NUMBER		DATED	ACTUAL EFFECTIVE DATE
CONNRR						SEVEN	CONNRR7.CONNR		SIX		01/30/2020	26 MAR 20
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS			
RW08 (AER)	395239.20N/1043944.03W	N	-	-	-	-						
5934 MSL	-	-	-	VA	090.56	-						
-	-	-	-	VM	090.56	-						
RW16L (AER)	395349.33N/1044112.50W	N	-	-	-	-			CG 425 FT PER NM TO 5934			
AT/ABOVE 5934 MSL	-	-	-	VA	180.51	-			CG 210 FT PER NM TO 16000			
FOAMS	395034.04N/1045420.20W	Y	FB	DF	-	-	AT/BELOW 10000		RIGHT TURN			
TAVRN	394611.83N/1051604.72W	Y	FB	TF	255.51	17.32	AT/ABOVE 12000					
RW16R (AER)	395344.87N/1044145.90W	N	-	-	-	-			CG 420 FT PER NM TO 5934			
AT/ABOVE 5934 MSL	-	-	-	VA	180.51	-			CG 250 FT PER NM TO 16000			
FOAMS	395034.04N/1045420.20W	Y	FB	DF	-	-	AT/BELOW 10000		RIGHT TURN			
TAVRN	394611.83N/1051604.72W	Y	FB	TF	255.51	17.32	AT/ABOVE 12000					
RW17L (AER)	395153.83N/1043828.70W	N	-	-	-	-			CG 450 FT PER NM TO 5934			
AT/ABOVE 5934 MSL	-	-	-	VA	180.54	-						
FOAMS	395034.04N/1045420.20W	Y	FB	DF	-	-	AT/BELOW 10000		RIGHT TURN			
TAVRN	394611.83N/1051604.72W	Y	FB	TF	255.51	17.32	AT/ABOVE 12000					
RW17R (AER)	395140.48N/1043936.56W	N	-	-	-	-			CG 460 FT PER NM TO 5934			
AT/ABOVE 5934 MSL	-	-	-	VA	180.53	-			CG 205 FT PER NM TO 16000			
FOAMS	395034.04N/1045420.20W	Y	FB	DF	-	-	AT/BELOW 10000					

QUALITY

18

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QUALITY
18
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CONNR		SEVEN		CONNR7.CONNR		SIX		01/30/2020	26 MAR 20
<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>
TAVRN	394611.83N/1051604.72W	Y	FB	TF	255.51	17.32	AT/ABOVE 12000		
RW25 (AER)	395026.37N/1044102.17W	N	-	-	-	-		CG 400 FT PER NM TO 5934	
AT/ABOVE 5934 MSL	-	-	-	VA	270.51	-		CG 225 FT PER NM TO 16000	
FOAMS	395034.04N/1045420.20W	Y	FB	DF	-	-	AT/BELOW 10000		
TAVRN	394611.83N/1051604.72W	Y	FB	TF	255.51	17.32	AT/ABOVE 12000		
RW34L (AER)	395106.79N/1044147.72W	N	-	-	-	-		CG 400 FT PER NM TO 5934	
AT/ABOVE 5934 MSL	-	-	-	VA	000.51	-		CG 210 FT PER NM TO 16000	
FOAMS	395034.04N/1045420.20W	Y	FB	DF	-	-	AT/BELOW 10000		LEFT TURN
TAVRN	394611.83N/1051604.72W	Y	FB	TF	255.51	17.32	AT/ABOVE 12000		
RW34R (AER)	395150.77N/1044113.88W	N	-	-	-	-		CG 400 FT PER NM TO 5934	
AT/ABOVE 5934 MSL	-	-	-	VA	000.51	-		CG 210 FT PER NM TO 16000	
FOAMS	395034.04N/1045420.20W	Y	FB	DF	-	-	AT/BELOW 10000		LEFT TURN
TAVRN	394611.83N/1051604.72W	Y	FB	TF	255.51	17.32	AT/ABOVE 12000		
RW35L (AER)	394941.93N/1043937.98W	N	-	-	-	-		CG 400 FT PER NM TO 5934	
AT/ABOVE 5934 MSL	-	-	-	VA	000.53	-			
FOAMS	395034.04N/1045420.20W	Y	FB	DF	-	-	AT/BELOW 10000		LEFT TURN
TAVRN	394611.83N/1051604.72W	Y	FB	TF	255.51	17.32	AT/ABOVE 12000		
RW35R (AER)	394955.27N/1043830.16W	N	-	-	-	-		CG 400 FT PER NM TO 5934	



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CONNR		SEVEN		CONNR7.CONNR		SIX		01/30/2020	26 MAR 20
<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>
AT/ABOVE 5934 MSL	-	-	-	VA	000.54	-			
FOAMS	395034.04N/1045420.20W	Y	FB	DF	-	-	AT/BELOW 10000		LEFT TURN
TAVRN	394611.83N/1051604.72W	Y	FB	TF	255.51	17.32	AT/ABOVE 12000		
TRANSITIONS									
TAVRN	394611.83N/1051604.72W	Y	-	IF	-	-	AT/ABOVE 12000		
VONNN	394412.07N/1052551.36W	Y	FB	TF	255.24	07.80	AT/ABOVE 14000		
TEEBO	394236.44N/1053336.83W	Y	FB	TF	255.14	06.19	AT/ABOVE 16000		
CONNR	394119.79N/1053951.84W	Y	FB	TF	255.21	04.99	AT/ABOVE 17000		
CONNR	394119.79N/1053951.84W	Y	-	IF	-	-	AT/ABOVE 17000		CONNR7.WERNR
WERNR	393252.65N/1064016.63W	Y	FB	TF	260.07	47.44			

