

**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SUPERSEDED NUMBER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>
SUDDZ	ONE	SUDDZ1.SUDDZ	NONE		26 MAR 20
<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
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DP ROUTE DESCRIPTION:

TAKEOFF RWY 8: CLIMB ON HEADING 082.53 TO 5934, THEN RIGHT TURN DIRECT KIDNG AT OR BELOW 10000, THEN ON TRACK 155.43 TO TWWIN, THEN ON TRACK 194.10 TO CROSS FIGTR AT OR ABOVE 14000, THEN ON TRACK 208.14 TO CROSS HANGR AT OR ABOVE 16000, THEN ON TRACK 208.12 TO CROSS SCAGS AT OR ABOVE FL180, THENCE...

TAKEOFF RWY 16L/R: CLIMB ON HEADING 172.51 TO INTERCEPT COURSE 162.48 TO CROSS BOGEI AT OR BELOW 10000, THEN ON TRACK 184.10 TO CROSS CHOZN AT OR ABOVE 10000, THEN ON TRACK 187.55 TO CROSS FLYYR AT OR ABOVE 12000, THEN ON TRACK 187.51 TO CROSS CONRD AT OR ABOVE 17000, THEN ON TRACK 186.71 TO CROSS SCAGS AT OR ABOVE FL180, THENCE...

TAKEOFF RWY 17L: CLIMB ON HEADING 172.54 TO 5934, THEN DIRECT RAYDR AT OR BELOW 10000, THEN ON TRACK 190.56 TO CROSS CHOZN AT OR ABOVE 10000, THEN ON TRACK 187.55 TO CROSS FLYYR AT OR ABOVE 12000, THEN ON TRACK 187.51 TO CROSS CONRD AT OR ABOVE 17000, THEN ON TRACK 186.71 TO CROSS SCAGS AT OR ABOVE FL180, THENCE...

TAKEOFF RWY 17R: CLIMB ON HEADING 172.53 TO 5934, THEN DIRECT BOGEI AT OR BELOW 10000, THEN ON TRACK 184.10 TO CROSS CHOZN AT OR ABOVE 10000, THEN ON TRACK 187.55 TO CROSS FLYYR AT OR ABOVE 12000, THEN ON TRACK 187.51 TO CROSS CONRD AT OR ABOVE 17000, THEN ON TRACK 186.71 TO CROSS SCAGS AT OR ABOVE FL180, THENCE...

TAKEOFF RWY 25: CLIMB ON HEADING 262.51 TO 5934, THEN LEFT TURN DIRECT BRKEM AT OR BELOW 10000, THEN ON TRACK 187.80 TO CROSS LENNN AT OR ABOVE 10000, THEN ON TRACK 160.37 TO TIKLR, THEN ON TRACK 143.63 TO CROSS CIROS AT OR ABOVE 14000, THEN ON TRACK 174.71 TO CROSS RKYMT AT OR ABOVE 16000, THEN ON TRACK 174.80 TO CROSS SCAGS AT OR ABOVE FL180, THENCE...

TAKEOFF RWY 34L: CLIMB ON HEADING 352.51 TO 5934, THEN ON HEADING 352.50 OR AS ASSIGNED BY ATC, EXPECT VECTORS TO CROSS SCAGS AT OR ABOVE FL180, THENCE...

TAKEOFF RWY 34R: CLIMB ON HEADING 352.51 TO 5934, THEN ON HEADING 352.51 OR AS ASSIGNED BY ATC, EXPECT VECTORS TO CROSS SCAGS AT OR ABOVE FL180, THENCE...

TAKEOFF RWY 35L: CLIMB ON HEADING 352.53 TO 5934, THEN ON HEADING 352.53 OR AS ASSIGNED BY ATC, EXPECT VECTORS TO CROSS SCAGS AT OR ABOVE FL180, THENCE...

TAKEOFF RWY 35R: CLIMB ON HEADING 352.54 TO 5934, THEN ON HEADING 352.54 OR AS ASSIGNED BY ATC, EXPECT VECTORS TO CROSS SCAGS AT OR ABOVE FL180, THENCE...

...ON TRACK 188.90 TO CROSS FRNKE AT OR ABOVE FL230, THEN ON TRACK 188.77 TO SUDDZ. MAINTAIN FL230. 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>
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PROCEDURAL DATA NOTES:

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: RNAV 1.

NOTE: TURBOJETS ONLY.

NOTE: RWYS 34L/R, 35L/R RADAR REQUIRED

NOTE: TAKEOFF RWYS 8, 16L/R, 17L/R, 25, RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT.

NOTE: ACCELERATE TO 250 KTS OR GREATER UPON REACHING 10000. IF SLOWER SPEED IS REQUIRED TO MEET CROSSING RESTRICTIONS, ADVISE CLNC DEL PRIOR TO TAXI.



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SUDDZ	ONE	SUDDZ1.SUDDZ	NONE		26 MAR 20

TAKEOFF MINIMUMS:

RWYS 7, 26: NA-ATC.

RWY 17L/R, 34L/R, 35L/R: STANDARD.

RWY 8: STANDARD WITH MINIMUM CLIMB OF 475 FT PER NM TO 5934.

RWY 16L: STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 5934.

RWY 16R: STANDARD WITH MINIMUM CLIMB OF 380 FT PER NM TO 5934.

RWY 25: STANDARD WITH MINIMUM CLIMB OF 415 FT PER NM TO 5934.

TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:**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	DEVNER	CO

COMMUNICATIONS:

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

FIXES AND/OR NAVAIDS:**REMARKS:**

CHART NOTE: SEE ADDITIONAL REQUIREMENTS ON AAUP.

FLIGHT INSPECTED BY

ALEX KRAUSE

Digitally signed by
DONALD H LANIER
Jan 27, 2020**OFFICE**

FICO

DATE

1/8/20

DEVELOPED BY

JACOB MAXFIELD

Digitally signed by
JACOB MAXFIELD
Nov 27, 2019**OFFICE**

AJV-A431

DATE

10/18/2019

APPROVED BY

GEORGE DAVIS

Digitally signed by
DONALD H LANIER
Jan 27, 2020**OFFICE**

AJV-A430

DATE**TITLE**

MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

QUALITY
8
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>
SUDDZ	ONE	SUDDZ1.SUDDZ	NONE		26 MAR 20

COORDINATED WITH:

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

CHANGES - REASONS:



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

<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
SUDDZ		ONE		SUDDZ1.SUDDZ		NONE			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>
RW08 (AER)	395239.20N/1043944.03W	N	-	-	-	-			CG 475 FT PER NM TO 5934
5934 MSL	-	-	-	VA	090.53	-	AT/ABOVE 5934		
KIDNG	394837.67N/1042339.58W	Y	FB	DF	-	-	AT/BELOW 10000		RIGHT TURN
TWWIN	394245.16N/1042123.78W	Y	FB	TF	163.43	6.12			
FIGTR	393132.09N/1042716.67W	Y	FB	TF	202.10	12.09	AT/ABOVE 14000		
HANGR	392325.65N/1043454.22W	Y	FB	TF	216.14	10.03	AT/ABOVE 16000		
SCAGS	390643.37N/1045032.11W	Y	FB	TF	216.12	20.64	AT/ABOVE FL180		
RW16L (AER)	395349.33N/1044112.50W	N	-	-	-	-			CG 400 FT PER NM TO 5934
-	394548.31N/1044118.06W	-	-	VI	180.51	8.01			
BOGEI	393843.97N/1043945.85W	Y	FB	CF	170.48	7.17	AT/BELOW 10000		
CHOZN	393133.29N/1044145.05W	Y	FB	TF	192.10	7.33	AT/ABOVE 10000		
FLYYR	391958.95N/1044553.76W	Y	FB	TF	195.55	12.00	AT/ABOVE 12000		
CONRD	391117.47N/1044859.72W	Y	FB	TF	195.51	9.01	AT/ABOVE 17000		
SCAGS	390643.37N/1045032.11W	Y	FB	TF	194.71	4.72	AT/ABOVE FL180		
RW16R (AER)	395344.87N/1044145.90W	N	-	-	-	-			CG 380 FT PER NM TO 5934
-	394813.64N/1044149.71W	-	-	VI	180.51	5.51			
BOGEI	393843.97N/1043945.85W	Y	FB	CF	170.48	9.62	AT/BELOW 10000		
CHOZN	393133.29N/1044145.05W	Y	FB	TF	192.10	7.33	AT/ABOVE 10000		
FLYYR	391958.95N/1044553.76W	Y	FB	TF	195.55	12.00	AT/ABOVE 12000		
CONRD	391117.47N/1044859.72W	Y	FB	TF	195.51	9.01	AT/ABOVE 17000		

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SUDDZ					ONE	SUDDZ1.SUDDZ	NONE		26 MAR 20
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
SCAGS	390643.37N/1045032.11W	Y	FB	TF	194.71	4.72	AT/ABOVE FL180		
RW17L (AER)	395153.83N/1043828.70W	N	-	-	-	-			
5934 MSL	-	-	-	VA	180.54	-	AT/ABOVE 5934		
RAYDR	393844.03N/1043838.33W	Y	FB	DF	-	-	AT/BELOW 10000		
CHOZN	393133.29N/1044145.05W	Y	FB	TF	198.56	7.57	AT/ABOVE 10000		
FLYRR	391958.95N/1044553.76W	Y	FB	TF	195.55	12.00	AT/ABOVE 12000		
CONRD	391117.47N/1044859.72W	Y	FB	TF	195.51	9.01	AT/ABOVE 17000		
SCAGS	390643.37N/1045032.11W	Y	FB	TF	194.71	4.72	AT/ABOVE FL180		
RW17R (AER)	395140.48N/1043936.56W	N	-	-	-	-			
5934 MSL	-	-	-	VA	180.53	-	AT/ABOVE 5934		
BOGEI	393843.97N/1043945.85W	Y	FB	DF	-	-	AT/BELOW 10000		
CHOZN	393133.29N/1044145.05W	Y	FB	TF	192.10	7.33	AT/ABOVE 10000		
FLYYR	391958.95N/1044553.76W	Y	FB	TF	195.55	12.00	AT/ABOVE 12000		
CONRD	391117.47N/1044859.72W	Y	FB	TF	195.51	9.01	AT/ABOVE 17000		
SCAGS	390643.37N/1045032.11W	Y	FB	TF	194.71	4.72	AT/ABOVE FL180		
RW25 (AER)	395026.37N/1044102.17W	N	-	-	-	-		CG 415 FT PER NM TO 5934	
5934 MSL	-	-	-	VA	270.51	-	AT/ABOVE 5934		
BRKEM	394632.24N/1045413.25W	Y	FB	DF	-	-	AT/BELOW 10000	LEFT TURN	
LENNN	394232.45N/1045541.10W	Y	FB	TF	195.80	4.15	AT/ABOVE 10000		
TIKLR	393734.30N/1045421.73W	Y	FB	TF	168.37	5.07			
CIROS	392959.92N/1044905.10W	Y	FB	TF	151.63	8.60	AT/ABOVE 14000		

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SUDDZ					ONE	SUDDZ1.SUDDZ	NONE		26 MAR 20
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RKYMT	392302.13N/1044930.58W	Y	FB	TF	182.71	6.96	AT/ABOVE 16000		
SCAGS	390643.37N/1045032.11W	Y	FB	TF	182.80	16.32	AT/ABOVE FL180		
RW34L (AER)	395106.79N/1044147.72W	N	-	-	-	-			
5934 MSL	-	-	-	VA	000.51	-			
-	-	-	-	VM	000.50	-			
RW34R (AER)	395150.77N/1044113.88W	N	-	-	-	-			
5934 MSL	-	-	-	VA	000.51	-			
-	-	-	-	VM	000.51	-			
RW35L (AER)	394941.93N/1043937.98W	N	-	-	-	-			
5934 MSL	-	-	-	VA	000.53	-			
-	-	-	-	VM	000.53	-			
RW35R (AER)	394955.27N/1043830.16W	N	-	-	-	-			
5934 MSL	-	-	-	VA	000.54	-			
-	-	-	-	VM	000.54	-			
SCAGS	390643.37N/1045032.11W	Y	-	IF	-	-	AT/ABOVE FL180		
FRNKE	384352.20N/1045924.00W	Y	FB	TF	196.90	23.86	AT/ABOVE FL230		
SUDDZ	375351.90N/1051824.39W	Y	FB	TF	196.77	52.14			

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