

**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SUPERSEDED NUMBER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>
XXWNG	ONE	XXWNG1.XXWNG	NONE		31 DEC 20

<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 checked="" type="checkbox"/>

DP ROUTE DESCRIPTION:

TAKEOFF RWY 8: CLIMB ON HEADING 082.56 TO 5934, THEN CLIMBING LEFT TURN DIRECT TO CROSS ROYYL AT OR BELOW 10000, THEN ON TRACK 359.58 TO TURBN, THEN ON TRACK 315.84 TO CROSS CHICN AT OR ABOVE 14000, THEN ON TRACK 315.40 TO CROSS FAARM AT OR ABOVE 16000, THEN ON TRACK 331.60 TO CROSS RIKKK AT OR ABOVE 17000, THENCE ...

TAKEOFF RWY 16L/R: CLIMB ON HEADING 172.51 TO 5934, THEN ON HEADING 172.51 OR AS ASSIGNED BY ATC, EXPECT VECTORS TO CROSS RIKKK AT OR ABOVE 17000, THENCE ...

TAKEOFF RWY 17L: CLIMB ON HEADING 172.54 TO 5934, THEN ON HEADING 172.54 OR AS ASSIGNED BY ATC, EXPECT VECTORS TO CROSS RIKKK AT OR ABOVE 17000, THENCE ...

TAKEOFF RWY 17R: CLIMB ON HEADING 172.53 TO 5934, THEN ON HEADING 172.53 OR AS ASSIGNED BY ATC, EXPECT VECTORS TO CROSS RIKKK AT OR ABOVE 17000, THENCE ...

TAKEOFF RWY 25: CLIMB ON HEADING 262.51 TO 5934, THEN CLIMBING RIGHT TURN DIRECT TO CROSS MUGBE AT OR BELOW 10000, THEN ON TRACK 323.29 TO WAZEE, THEN ON TRACK 009.05 TO CROSS LODOE AT OR ABOVE 12000, THEN ON TRACK 032.82 TO CROSS RINKR AT OR ABOVE 14000, THEN ON TRACK 350.22 TO CROSS HERDR AT OR ABOVE 16000, THEN ON TRACK 350.22 TO CROSS RIKKK AT OR ABOVE 17000, THENCE ...

TAKEOFF RWY 34L: CLIMB ON HEADING 352.51 TO 5934, THEN CLIMB DIRECT TO CROSS NKATA AT OR BELOW 10000, THEN ON TRACK 358.95 TO HAWKR, THEN ON TRACK 339.87 TO CROSS BNITA AT OR ABOVE 13000, THEN ON TRACK 339.84 TO CROSS RIKKK AT OR ABOVE 17000, THENCE ...

TAKEOFF RWY 34R: CLIMB ON HEADING 352.51 TO 5934, THEN CLIMB DIRECT TO CROSS CAAZZ AT OR BELOW 10000, THEN ON TRACK 355.61 TO HAWKR, THEN ON TRACK 339.87 TO CROSS BNITA AT OR ABOVE 13000, THEN ON TRACK 339.84 TO CROSS RIKKK AT OR ABOVE 17000, THENCE ...

TAKEOFF RWY 35L: CLIMB ON HEADING 352.53 TO INTERCEPT COURSE 339.82 TO CROSS CAAZZ AT OR BELOW 10000, THEN ON TRACK 355.61 TO HAWKR, THEN ON TRACK 339.87 TO CROSS BNITA AT OR ABOVE 13000, THEN ON TRACK 339.84 TO CROSS RIKKK AT OR ABOVE 17000, THENCE ...

TAKEOFF RWY 35R: CLIMB ON HEADING 352.54 TO INTERCEPT COURSE 339.20 TO CROSS CAAZZ AT OR BELOW 10000, THEN ON TRACK 355.61 TO HAWKR, THEN ON TRACK 339.87 TO CROSS BNITA AT OR ABOVE 13000, THEN ON TRACK 339.84 TO CROSS RIKKK AT OR ABOVE 17000, THENCE ...

... ON TRACK 322.48 TO XXWNG, 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>
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PROCEDURAL DATA NOTES:

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: RNAV 1.

NOTE: TURBOJETS ONLY.

NOTE: RWYS 16L/R, 17L/R RADAR REQUIRED

NOTE: TAKEOFF RWYS 8, 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 WITH MINIMUM CLIMB OF 400 FT PER NM TO 5934.

RWY 16L/R: STANDARD.

RWY 17L/R: STANDARD.

RWY 25: STANDARD WITH MINIMUM CLIMB OF 425 FT PER NM TO 5934.

RWY 34L: STANDARD WITH MINIMUM CLIMB OF 425 FT PER NM TO 5934.

RWY 34R: STANDARD WITH MINIMUM CLIMB OF 430 FT PER NM TO 5934.

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

TAKEOFF OBSTACLES NOTES:

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



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XXWNG	ONE	XXWNG1.XXWNG	NONE		31 DEC 20

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	DENVER	CO

COMMUNICATIONS:

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

FIXES AND/OR NAVAIDS:

REMARKS:

INITIAL MINIMUM CLIMB GRADIENTS ARE BASED ON LNAV ENGAGEMENT.
 CHART NOTE: SEE ADDITIONAL REQUIREMENTS ON AAUP.

FLIGHT INSPECTED BY

DONALD MCGOUGH

Digitally signed by

ALLAN WILL

Oct 07, 2020

OFFICE

FICO

DATE

10/7/2020

DEVELOPED BY

MARK CIARLONE **MARK CIARLONE**

Sep 08, 2020

Digitally signed by

OFFICE

AJV-A423

DATE

07/30/2020

APPROVED BY

MARLON ROBINSON

Digitally signed by

ALLAN WILL

Oct 07, 2020

OFFICE

AJV-A420

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:

NAME CHANGE ONLY. ORIGINAL PROCEDURE REPLACING EXWNG ONE - PER ATC/FPT REQUEST.



**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>				
XXWNG	ONE	XXWNG1.XXWNG	NONE		31 DEC 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 400 FT PER NM TO 5934
AT/ABOVE 5934 MSL	-	-	-	VA	090.56	-			
ROYYL	395503.47N/1042410.37W	Y	FB	DF	-	-	AT/BELOW 10000		LEFT TURN
TURBN	400321.45N/1042244.14W	Y	FB	TF	007.58	08.37			
CHICN	401131.87N/1043031.80W	Y	FB	TF	323.84	10.12	AT/ABOVE 14000		
FAARM	401757.14N/1043645.59W	Y	FB	TF	323.40	08.00	AT/ABOVE 16000		
RIKKK	404704.36N/1045100.71W	Y	FB	TF	339.60	31.06	AT/ABOVE 17000		
RW16L (AER)	395349.33N/1044112.50W	N	-	-	-	-			
5934 MSL	-	-	-	VA	180.51	-			
-	-	-	-	VM	180.51	-			
RW16R (AER)	395344.87N/1044145.90W	N	-	-	-	-			
5934 MSL	-	-	-	VA	180.51	-			
-	-	-	-	VM	180.51	-			
RW17L (AER)	395153.83N/1043828.70W	N	-	-	-	-			
5934 MSL	-	-	-	VA	180.54	-			
-	-	-	-	VM	180.54	-			
RW17R (AER)	395140.48N/1043936.56W	N	-	-	-	-			
5934 MSL	-	-	-	VA	180.53	-			



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XXWNG		ONE		XXWNG1.XXWNG		NONE				31 DEC 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>		
-	-	-	-	VM	180.53	-					
RW25 (AER)	395026.37N/1044102.17W	N	-	-	-	-			CG 425 FT PER NM TO 5934		
AT/ABOVE 5934 MSL	-	-	-	VA	270.51	-					
MUGBE	395555.60N/1045416.43W	Y	FB	DF	-	-	AT/BELOW 10000		RIGHT TURN		
WAZEE	400054.77N/1045749.55W	Y	FB	TF	331.29	05.68					
LODOE	400641.08N/1045531.22W	Y	FB	TF	017.05	06.03	AT/ABOVE 12000				
RINKR	401157.47N/1044934.69W	Y	FB	TF	040.82	06.97	AT/ABOVE 14000				
HERDR	401857.57N/1044951.72W	Y	FB	TF	358.22	07.00	AT/ABOVE 16000				
RIKKK	404704.36N/1045100.71W	Y	FB	TF	358.22	28.11	AT/ABOVE 17000				
RW34L (AER)	395106.79N/1044147.72W	N	-	-	-	-			CG 425 FT PER NM TO 5934		
AT/ABOVE 5934 MSL	-	-	-	VA	000.51	-					
NKATA	400218.19N/1044134.24W	Y	FB	DF	-	-	AT/BELOW 10000				
HAWKR	400936.29N/1044024.67W	Y	FB	TF	006.95	07.35					
BNITA	401725.91N/1044236.43W	Y	FB	TF	347.87	08.00	AT/ABOVE 13000				
RIKKK	404704.36N/1045100.71W	Y	FB	TF	347.84	30.31	AT/ABOVE 17000				
RW34R (AER)	395150.77N/1044113.88W	N	-	-	-	-			CG 430 FT PER NM TO 5934		
AT/ABOVE 5934 MSL	-	-	-	VA	000.51	-					
CAAZZ	400213.64N/1044101.05W	Y	FB	DF	-	-	AT/BELOW 10000				
HAWKR	400936.29N/1044024.67W	Y	FB	TF	003.61	07.39					
BNITA	401725.91N/1044236.43W	Y	FB	TF	347.87	08.00	AT/ABOVE 13000				



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XXWNG		ONE	XXWNG1.XXWNG	NONE		31 DEC 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>
RIKKK	404704.36N/1045100.71W	Y	FB	TF	347.84	30.31	AT/ABOVE 17000		
RW35L (AER)	394941.93N/1043937.98W	N	-	-	-	-			CG 400 FT PER NM TO 5934
-	395658.71N/1043932.73W	-	-	VI	000.53	07.27			
CAAZZ	400213.64N/1044101.05W	Y	FB	CF	347.82	05.37	AT/BELOW 10000		
HAWKR	400936.29N/1044024.67W	Y	FB	TF	003.61	07.39			
BNITA	401725.91N/1044236.43W	Y	FB	TF	347.87	08.00	AT/ABOVE 13000		
RIKKK	404704.36N/1045100.71W	Y	FB	TF	347.84	30.31	AT/ABOVE 17000		
RW 35R (AER)	404704.36N/1045100.71W	N	-	-	-	-			CG 400 FT PER NM TO 5934
-	395332.96N/1043827.48W	-	-	VI	000.54	03.63			
CAAZZ	400213.64N/1044101.05W	Y	FB	CF	347.20	08.89	AT/BELOW 10000		
HAWKR	400936.29N/1044024.67W	Y	FB	TF	003.61	07.39			
BNITA	401725.91N/1044236.43W	Y	FB	TF	347.87	08.00	AT/ABOVE 13000		
RIKKK	404704.36N/1045100.71W	Y	FB	TF	347.84	30.31	AT/ABOVE 17000		
TRANSITIONS									
RIKKK	404704.36N/1045100.71W	Y	-	IF	-	-	AT/ABOVE 17000		XXWNG1.XXWNG
XXWNG	412812.82N/1052202.39W	Y	FB	TF	330.48	47.33			

