

**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SUPERSEDED NUMBER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>
COORZ	SIX	COORZ6.COORZ	FIVE	01/30/2020	

<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:

DENVER INTL:

TAKEOFF RWY 8: CLIMB ON HEADING 082.56 TO 5934, THEN ON HEADING 082.56 OR AS ASSIGNED BY ATC, EXPECT VECTORS TO CROSS IPALE 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 263.88 TO CROSS IPALE AT OR ABOVE 12000, THENCE...

TAKEOFF RWY 17L: CLIMB ON HEADING 172.54 TO 5934, THEN CLIMBING RIGHT TURN DIRECT TO CROSS FOAMS AT OR BELOW 10000, THEN ON TRACK 263.88 TO CROSS IPALE AT OR ABOVE 12000, THENCE ...

TAKEOFF RWY 17R: CLIMB ON HEADING 172.53 TO 5934, THEN CLIMBING RIGHT TURN DIRECT TO CROSS FOAMS AT OR BELOW 10000, THEN ON TRACK 263.88 TO CROSS IPALE 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 263.88 TO CROSS IPALE 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 263.88 TO CROSS IPALE 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 263.88 TO CROSS IPALE 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 263.88 TO CROSS IPALE AT OR ABOVE 12000, THENCE ...

... ON TRACK 263.70 TO CROSS MOLSN AT OR ABOVE 14000, THEN ON TRACK 263.36 TO CROSS BULLT AT OR ABOVE 16000, THEN ON TRACK 263.54 TO CROSS COORZ 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>
VOAXA	COORZ6.VOAXA	COORZ	VOAXA	TRACK 255.71	37.90	17000	15800	

PROCEDURAL DATA NOTES:

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: RNAV 1.

NOTE: TURBOJETS ONLY.

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

RWY 16L: STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 5934, THEN MINIMUM CLIMB OF 215 FT PER NM TO 16000.

RWY 16R: STANDARD WITH MINIMUM CLIMB OF 480 FT PER NM TO 5934, THEN MINIMUM CLIMB OF 215 FT PER NM TO 16000.

RWY 17L: STANDARD WITH MINIMUM CLIMB OF 400 PER NM TO 5934.

RWY 17R: STANDARD WITH MINIMUM CLIMB OF 400 PER NM TO 5934, THEN MINIMUM CLIMB OF 205 FT PER NM TO 16000.

RWY 25: STANDARD WITH MINIMUM CLIMB OF 425 FT PER NM TO 5934, THEN MINIMUM CLIMB OF 225 FT PER NM TO 16000.

RWY 34L: STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 5934, THEN MINIMUM CLIMB OF 215 FT PER NM TO 16000.

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

RWY 35L: STANDARD WITH MINIMUM CLIMB OF 360 FT PER NM TO 5934, THEN MINIMUM CLIMB OF 205 FT PER NM TO 16000.

RWY 35R: STANDARD WITH MINIMUM CLIMB OF 375 FT PER NM TO 5934.



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

CONTROLLING OBSTACLES:
RWY 16L/R, 17R, 25, 34L/R, 35L: 13579 FT AAO 395106.00N/1054124.00W.

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:

AIRPORT NAME	AIRPORT ID	CITY	STATE
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.

<u>FLIGHT INSPECTED BY</u>			<u>OFFICE</u>	<u>DATE</u>	
BRYAN VEIT	Digitally signed by		FICO	1/19/20	
	DONALD H LANIER				
	Jan 27, 2020				
<u>DEVELOPED BY</u>		Digitally signed by	<u>OFFICE</u>	<u>DATE</u>	
ROBERT GRIM		ROBERT GRIM	AJV-A431	10/15/2019	
		Dec 04, 2019			
<u>APPROVED BY</u>		Digitally signed by	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
LONNIE EVERHART	Digitally signed by		AJV-A430		MANAGER
	DONALD H LANIER				
	Jan 27, 2020				
<u>REQUIRED EFFECTIVE DATE</u>					
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, COORZ 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 COORZ - PER ATC REQUEST.
MOVED BULLT WAYPOINT 1.24 NM SOUTH - REMOVE DOGLEG FROM ROUTE.
MOVED MOLSN WAYPOINT 2.1 NM SOUTH - REMOVE DOGLEG FROM ROUTE.
MOVED IPALE WAYPOINT 4.22 NM SOUTHEAST - REMOVE DOGLEG FROM ROUTE.



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COORZ	SIX	COORZ6.COORZ	FIVE	01/30/2020	

ADDED/MOVED FOAMS WAYPOINT 4.04 NM NORTHWEST - PROCEDURE REDESIGN AND ATC REQUEST.
ADDED ALTITUDE RESTRICTIONS AT FOAMS AT OR BELOW 10000 - PROCEDURE REDESIGN AND ATC REQUEST.
REMOVED OBARS WAYPOINT - PROCEDURE REDESIGN AND ATC REQUEST.
REMOVED HADDA WAYPOINT - PROCEDURE REDESIGN AND ATC REQUEST.
REMOVED MYALE WAYPOINT - PROCEDURE REDESIGN AND ATC REQUEST.
REMOVED BERRS WAYPOINT - PROCEDURE REDESIGN AND ATC REQUEST.
REMOVED LINGR WAYPOINT - PROCEDURE REDESIGN AND ATC REQUEST.
REMOVED MUGBE WAYPOINT - PROCEDURE REDESIGN AND ATC REQUEST.
REMOVED CRONA WAYPOINT - PROCEDURE REDESIGN AND ATC REQUEST.
CHANGED DP COMPUTER CODE FROM COORZ5.COORZ TO COORZ6.COORZ - IAW 8260.46G 3-1-2 D.
ADDED ENROUTE TRANSITION COORZ6.VOAXA - PROCEDURE REDESIGN AND ATC REQUEST.
CHANGED DEPARTURE ROUTE DESCRIPTION FOR ALL RUNWAYS - PROCEDURE REDESIGN AND ATC REQUEST.
ADDED REMARKS: INITIAL MINIMUM CLIMB GRADIENTS ARE BASED ON LNAV ENGAGEMENT. CHART NOTE: SEE ADDITIONAL REQUIREMENTS ON AAUP.



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

DP NAME				NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED		ACTUAL EFFECTIVE DATE	
COORZ				SIX		COORZ6.COORZ		FIVE		01/30/2020			
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS				
RW08 (AER)	395239.20N/1043944.03W	N	-	-	-	-			CG 400 FT PER NM TO 5934				
5934 MSL	-	-	-	VA	090.56	-							
-	-	-	-	VM	090.56	-							
RW16L (AER)	395349.33N/1044112.50W	N	-	-	-	-			CG 400 FT PER NM TO 5934				
AT/ABOVE 5934 MSL	-	-	-	VA	180.51	-			CG 215 FT PER NM TO 16000				
FOAMS	395034.04N/1045420.20W	Y	FB	DF	-	-	AT/BELOW 10000		RIGHT TURN				
IPALE	395105.48N/1051623.91W	Y	FB	TF	271.88	17.00	AT/ABOVE 12000						
RW16R (AER)	395344.87N/1044145.90W	N	-	-	-	-			CG 480 FT PER NM TO 5934				
AT/ABOVE 5934 MSL	-	-	-	VA	180.51	-			CG 215 FT PER NM TO 16000				
FOAMS	395034.04N/1045420.20W	Y	FB	DF	-	-	AT/BELOW 10000		RIGHT TURN				
IPALE	395105.48N/1051623.91W	Y	FB	TF	271.88	17.00	AT/ABOVE 12000						
RW17L (AER)	395153.83N/1043828.70W	N	-	-	-	-			CG 400 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				
IPALE	395105.48N/1051623.91W	Y	FB	TF	271.88	17.00	AT/ABOVE 12000						
RW17R (AER)	395140.48N/1043936.56W	N	-	-	-	-			CG 400 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		RIGHT TURN				

QUALITY

3

CHECKED

QUALITY
3
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>
COORZ		SIX		COORZ6.COORZ		FIVE		01/30/2020	
<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>
IPALE	395105.48N/1051623.91W	Y	FB	TF	271.88	17.00	AT/ABOVE	12000	
RW25 (AER)	395026.37N/1044102.17W	N	-	-	-	-			CG 425FT 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		
IPALE	395105.48N/1051623.91W	Y	FB	TF	271.88	17.00	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 215 FT PER NM TO 16000
FOAMS	395034.04N/1045420.20W	Y	FB	DF	-	-	AT/BELOW 10000		LEFT TURN
IPALE	395105.48N/1051623.91W	Y	FB	TF	271.88	17.00	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
IPALE	395105.48N/1051623.91W	Y	FB	TF	271.88	17.00	AT/ABOVE 12000		
RW35L (AER)	394941.93N/1043937.98W	N	-	-	-	-			CG 360 FT PER NM TO 5934
AT/ABOVE 5934 MSL	-	-	-	VA	000.53	-			CG 205 FT PER NM TO 16000
FOAMS	395034.04N/1045420.20W	Y	FB	DF	-	-	AT/BELOW 10000		LEFT TURN
IPALE	395105.48N/1051623.91W	Y	FB	TF	271.88	17.00	AT/ABOVE 12000		
RW35R (AER)	394955.27N/1043830.16W	N	-	-	-	-			CG 375 FT PER NM TO 5934

QUALITY
3
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>
COORZ		SIX		COORZ6.COORZ		FIVE		01/30/2020	
<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
IPALE	395105.48N/1051623.91W	Y	FB	TF	271.88	17.00	AT/ABOVE 12000		
TRANSITIONS									
IPALE	395105.48N/1051623.91W	Y	-	IF	-	-	AT/ABOVE 12000		
MOLSN	395120.64N/1052751.60W	Y	FB	TF	271.70	08.83	AT/ABOVE 14000		
BULLT	395127.82N/1053435.25W	Y	FB	TF	271.36	05.18	AT/ABOVE 16000		
COORZ	395138.10N/1054305.60W	Y	FB	TF	271.54	06.55	AT/ABOVE 17000		
COORZ	395138.10N/1054305.60W	Y	-	IF	-	-	AT/ABOVE	17000	COORZ6.VOAXA
VOAXA	394718.42N/1063157.67W	Y	FB	TF	263.71	37.90			

