

**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SUPERSEDED NUMBER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>
EPKEE	SEVEN	EPKEE7.EPKEE	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 INTERCEPT COURSE 105.68 TO CROSS KIDNG AT OR BELOW 10000, THEN ON TRACK 106.18 TO PIDLE, THEN ON TRACK 106.57 TO CROSS APUUU AT OR ABOVE 14000, THEN ON TRACK 109.86 TO CROSS EPKEE AT OR ABOVE 15000, THENCE ...

TAKEOFF RWY 16L/R: CLIMB ON HEADING 172.51 TO INTERCEPT COURSE 117.90 TO CROSS GISTT AT OR ABOVE 7000, THEN ON TRACK 097.10 TO CROSS MLHOS AT OR BELOW 10000, THEN ON TRACK 098.26 TO CROSS SMTHR AT OR BELOW 12000, THEN ON TRACK 092.00 TO SMPSN, THEN ON TRACK 092.10 TO CROSS APUUU AT OR ABOVE 14000, THEN ON TRACK 109.86 TO CROSS EPKEE AT OR ABOVE 15000, THENCE ...

TAKEOFF RWY 17L: CLIMB ON HEADING 172.54 TO INTERCEPT COURSE 127.54 TO CROSS GISTT AT OR ABOVE 7000, THEN ON TRACK 097.10 TO CROSS MLHOS AT OR BELOW 10000, THEN ON TRACK 098.26 TO CROSS SMTHR AT OR BELOW 12000, THEN ON TRACK 092.00 TO SMPSN, THEN ON TRACK 092.10 TO CROSS APUUU AT OR ABOVE 14000, THEN ON TRACK 109.86 TO CROSS EPKEE AT OR ABOVE 15000, THENCE ...

TAKEOFF RWY 17R: CLIMB ON HEADING 172.53 TO INTERCEPT COURSE 118.00 TO CROSS GISTT AT OR ABOVE 7000, THEN ON TRACK 097.10 TO CROSS MLHOS AT OR BELOW 10000, THEN ON TRACK 098.26 TO CROSS SMTHR AT OR BELOW 12000, THEN ON TRACK 092.00 TO SMPSN, THEN ON TRACK 092.10 TO CROSS APUUU AT OR ABOVE 14000, THEN ON TRACK 109.86 TO CROSS EPKEE AT OR ABOVE 15000, THENCE ...

TAKEOFF RWY 25: CLIMB ON HEADING 262.51 TO 5934, THEN ON HEADING 262.50 OR AS ASSIGNED BY ATC, EXPECT VECTORS TO CROSS EPKEE AT OR ABOVE 15000, THENCE. . .

TAKEOFF RWY 34L/R: CLIMB ON HEADING 352.51 TO 5934, THEN CLIMBING RIGHT TURN DIRECT TO CROSS KIDNG AT OR BELOW 10000, THEN ON TRACK 106.18 TO PIDLE, THEN ON TRACK 106.57 TO CROSS APUUU AT OR ABOVE 14000, THEN ON TRACK 109.86 TO CROSS EPKEE AT OR ABOVE 15000, THENCE ...

TAKEOFF RWY 35L: CLIMB ON HEADING 352.53 TO 5934, THEN CLIMBING RIGHT TURN DIRECT TO CROSS KIDNG AT OR BELOW 10000, THEN ON TRACK 106.18 TO PIDLE, THEN ON TRACK 106.57 TO CROSS APUUU AT OR ABOVE 14000, THEN ON TRACK 109.86 TO CROSS EPKEE AT OR ABOVE 15000, THENCE ...

TAKEOFF RWY 35R: CLIMB ON HEADING 352.54 TO 5934, THEN CLIMBING RIGHT TURN DIRECT TO CROSS KIDNG AT OR BELOW 10000, THEN ON TRACK 106.18 TO PIDLE, THEN ON TRACK 106.57 TO CROSS APUUU AT OR ABOVE 14000, THEN ON TRACK 109.86 TO CROSS EPKEE AT OR ABOVE 15000, THENCE ...

...ON TRACK 101.97 TO POIZN. 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>
DUUZE	EPKEE7.DUUZE	POIZN	COTNN	TRACK 108.69	28.08	16000	6100	
		COTNN	DUUZE	TRACK 109.18	37.55	16000	6000	
GAETR	EPKEE7.GAETR	POIZN	GAETR	TRACK 090.84	96.92	16000	6100	

PROCEDURAL DATA NOTES:

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: RNAV 1.

NOTE: TURBOJETS ONLY.

NOTE: RWY 25 RADAR REQUIRED

NOTE: TAKEOFF RWYS 8, 16L/R, 17L/R, 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.

RWY8: STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 5934.

RWY16L: STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 5934.

QUALITY
18
CHECKED

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RWY16R: STANDARD WITH MINIMUM CLIMB OF 450 FT PER NM TO 5934.
RWY17L/R: STANDARD WITH MINIMUM CLIMB OF 465 FT PER NM TO 5934.
RWY25: STANDARD.
RWY34L/R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 5934.
RWY35L/R: STANDARD WITH MINIMUM CLIMB OF 320 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	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

Digitally signed by

DONALD H LANIER

Jan 27, 2020

OFFICE**DATE**

BRYAN VEIT

FICO

1/18/2020

DEVELOPED BY

Digitally signed by

ROBERT GRIM

Jan 22, 2020

OFFICE**DATE**

ROBERT GRIM

AJV-A431

10/16/2019

APPROVED BY

Digitally signed by

DONALD H LANIER

Jan 27, 2020

OFFICE**DATE****TITLE**

LONNIE EVERHART

AJV-A430

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

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CHANGES - REASONS:

REMOVED ALL REFERENCES TO KAPA, KBJC, KFNL AND KFTG AIRPORTS - PROCEDURE REDESIGN, EPKEE SID ONLY SERVES DENVER INTL.
REMOVED PNA DESCRIPTION AND ALL REFERENCES TO PNA IN REMARKS - IAW 8260.46G 1-1-5 H (4).
ENROUTE TRANSITIONS MOVED - PROCEDURE REDESIGN TO AVOID THE COUGAR MOA.
ADDED AT OR ABOVE 15000 ALTITUDE RESTRICTION AT EPKEE - PER ATC REQUEST.
ADDED GAETR WAYPOINT - PROCEDURE REDESIGN TO AVOID THE COUGAR MOA.
ADDED DUUZE WAYPOINT - PROCEDURE REDESIGN TO AVOID THE COUGAR MOA.
ADDED COTNN WAYPOINT - PROCEDURE REDESIGN TO AVOID THE COUGAR MOA.
ADDED POIZN WAYPOINT - PROCEDURE REDESIGN TO AVOID THE COUGAR MOA.
REMOVED VCTRE WAYPOINT - PROCEDURE REDESIGN TO AVOID THE COUGAR MOA.
REMOVED CLAMR WAYPOINT - PROCEDURE REDESIGN TO AVOID THE COUGAR MOA.
REMOVED WEEDS WAYPOINT - PROCEDURE REDESIGN TO AVOID THE COUGAR MOA.
REMOVED GATTR WAYPOINT - PROCEDURE REDESIGN TO AVOID THE COUGAR MOA.
REMOVED DUUCE WAYPOINT - PROCEDURE REDESIGN TO AVOID THE COUGAR MOA.
REMOVED THE DF CODING FROM RWY 25 - PROCEDURE REDESIGN, RWY 25 IS NOW A VECTOR SID.
CHANGED DP COMPUTER CODE FROM EPKEE6.EPKEE TO EPKEE7.EPKEE - IAW 8260.46G 3-1-2 D.
ADDED 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 10/16/19.

1. CHANGED RWY 25 INITIAL HEADING FROM 262.48 TO 262.51 ON THE 8260-15B AND FROM 270.48 TO 270.51 ON THE 8260-15C.
2. REPLACED ALL REFERENCES TO COTTN WITH COTNN.



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

DP NAME				NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED		ACTUAL EFFECTIVE DATE	
EPKEE				SEVEN		EPKEE7.EPKEE		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	-	-	-	-			CG 400 FT PER NM TO 5934				
-	395237.31N/1043530.48W	-	-	VI	090.53	03.25							
KIDNG	394837.67N/1042339.58W	Y	FB	CF	113.68	09.96	AT/BELOW 10000						
PIDLE	394334.36N/1040907.55W	Y	FB	TF	114.18	12.29							
APUUU	393919.69N/1035708.68W	Y	FB	TF	114.57	10.17	AT/ABOVE 14000						
EPKEE	393534.21N/1034758.30W	Y	FB	TF	117.86	08.02	AT/ABOVE 15000						
RW16L (AER)	395349.33N/1044112.50W	N	-	-	-	-			CG 400 FT PER NM TO 5934				
-	394926.33N/1044115.55W	-	-	VI	180.51	04.38							
GISTT	394557.50N/1043501.10W	Y	FB	CF	125.90	05.94	AT/ABOVE 7000						
MLHOS	394336.54N/1042347.24W	Y	FB	TF	105.10	08.98	AT/BELOW 10000						
SMTHR	394202.14N/1041649.26W	Y	FB	TF	106.26	05.60	AT/BELOW 12000						
SMPSN	394038.43N/1040637.98W	Y	FB	TF	100.00	07.99							
APUUU	393919.69N/1035708.68W	Y	FB	TF	100.10	07.44	AT/ABOVE 14000						
EPKEE	393534.21N/1034758.30W	Y	FB	TF	117.86	08.02	AT/ABOVE 15000						
RW16R (AER)	395344.87N/1044145.90W	N	-	-	-	-			CG 450 FT PER NM TO 5934				
-	394944.77N/1044148.66W	-	-	VI	180.51	04.00							
GISTT	394557.50N/1043501.10W	Y	FB	CF	125.90	06.46	AT/ABOVE 7000						
MLHOS	394336.54N/1042347.24W	Y	FB	TF	105.10	08.98	AT/BELOW 10000						
SMTHR	394202.14N/1041649.26W	Y	FB	TF	106.26	05.60	AT/BELOW 12000						
SMPSN	394038.43N/1040637.98W	Y	FB	TF	100.00	07.99							

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EPKEE		SEVEN		EPKEE7.EPKEE		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>
APUUU	393919.69N/1035708.68W	Y	FB	TF	100.10	07.44	AT/ABOVE 14000		
EPKEE	393534.21N/1034758.30W	Y	FB	TF	117.86	08.02	AT/ABOVE 15000		
RW17L (AER)	395153.83N/1043828.70W	N	-	-	-	-	CG 465 FT PER NM TO 5934		
-	394842.46N/1043831.05W	-	-	VI	180.54	03.19			
GISTT	394557.50N/1043501.10W	Y	FB	CF	135.54	03.85	AT/ABOVE 7000		
MLHOS	394336.54N/1042347.24W	Y	FB	TF	105.10	08.98	AT/BELOW 10000		
SMTHR	394202.14N/1041649.26W	Y	FB	TF	106.26	05.60	AT/BELOW 12000		
SMPSN	394038.43N/1040637.98W	Y	FB	TF	100.00	07.99			
APUUU	393919.69N/1035708.68W	Y	FB	TF	100.10	07.44	AT/ABOVE 14000		
EPKEE	393534.21N/1034758.30W	Y	FB	TF	117.86	08.02	AT/ABOVE 15000		
RW17R (AER)	395140.48N/1043936.56W	N	-	-	-	-	CG 465 FT PER NM TO 5934		
-	394833.02N/1043938.81W	-	-	VI	180.53	03.12			
GISTT	394557.50N/1043501.10W	Y	FB	CF	126.00	04.41	AT/ABOVE 7000		
MLHOS	394336.54N/1042347.24W	Y	FB	TF	105.10	08.98	AT/ELOW 10000		
SMTHR	394202.14N/1041649.26W	Y	FB	TF	106.26	05.60	AT/BELOW 12000		
SMPSN	394038.43N/1040637.98W	Y	FB	TF	100.00	07.99			
APUUU	393919.69N/1035708.68W	Y	FB	TF	100.10	07.44	AT/ABOVE 14000		
EPKEE	393534.21N/1034758.30W	Y	FB	TF	117.86	08.02	AT/ABOVE 15000		
RW25 (AER)	395026.37N/1044102.17W	N	-	-	-	-			
5934 MSL	-	-	-	VA	270.51	-			
-	-	-	-	VM	270.50	-			

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EPKEE		SEVEN		EPKEE7.EPKEE		SIX		01/30/2020		26 MAR 20		
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS			
RW34L (AER)	395106.79N/1044147.72W	N	-	-	-	-	CG 500 FT PER NM TO 5934					
AT/ABOVE 5934 MSL	-	-	-	VA	000.51	-						
KIDNG	394837.67N/1042339.58W	Y	FB	DF	-	-	AT/BELOW 10000	RIGHT TURN				
PIDLE	394334.36N/1040907.55W	Y	FB	TF	114.18	12.29						
APUUU	393919.69N/1035708.68W	Y	FB	TF	114.57	10.17	AT/ABOVE 14000					
EPKEE	393534.21N/1034758.30W	Y	FB	TF	117.86	08.02	AT/ABOVE 15000					
RW34R (AER)	395150.77N/1044113.88W	N	-	-	-	-	CG 500 FT PER NM TO 5934					
AT/ABOVE 5934 MSL	-	-	-	VA	000.51	-						
KIDNG	394837.67N/1042339.58W	Y	FB	DF	-	-	AT/BELOW 10000					
PIDLE	394334.36N/1040907.55W	Y	FB	TF	114.18	12.29						
APUUU	393919.69N/1035708.68W	Y	FB	TF	114.57	10.17	AT/ABOVE 14000					
EPKEE	393534.21N/1034758.30W	Y	FB	TF	117.86	08.02	AT/ABOVE 15000					
RW35L (AER)	394941.93N/1043937.98W	N	-	-	-	-	CG 320 FT PER NM TO 5934					
AT/ABOVE 5934 MSL	-	-	-	VA	000.53	-						
KIDNG	394837.67N/1042339.58W	Y	FB	DF	-	-	AT/BELOW 10000	RIGHT TURN				
PIDLE	394334.36N/1040907.55W	Y	FB	TF	114.18	12.29						
APUUU	393919.69N/1035708.68W	Y	FB	TF	114.57	10.17	AT/ABOVE 14000					
EPKEE	393534.21N/1034758.30W	Y	FB	TF	117.86	08.02	AT/ABOVE 15000					
RW35R (AER)	394955.27N/1043830.16W	N	-	-	-	-	CG 320 FT PER NM TO 5934					
AT/ABOVE 5934 MSL	-	-	-	VA	000.54	-	QUALITY 10					



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EPKEE		SEVEN		EPKEE7.EPKEE		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>
KIDNG	394837.67N/1042339.58W	Y	FB	DF	-	-	AT/BELOW 10000		RIGHT TURN
PIDLE	394334.36N/1040907.55W	Y	FB	TF	114.18	12.29			
APUUU	393919.69N/1035708.68W	Y	FB	TF	114.57	10.17	AT/ABOVE 14000		
EPKEE	393534.21N/1034758.30W	Y	FB	TF	117.86	08.02	AT/ABOVE 15000		
TRANSITIONS									
EPKEE	393534.21N/1034758.30W	Y	-	IF	-	-	AT/ABOVE 15000		
POIZN	392100.00N/1025700.00W	Y	FB	TF	109.97	42.07			
POIZN	392100.00N/1025700.00W	Y	-	IF	-	-			EPKEE7.DUUZE
COTNN	390818.02N/1022445.33W	Y	FB	TF	116.69	28.08			
DUUZE	385100.00N/1014200.00W	Y	FB	TF	117.18	37.55			
POIZN	392100.00N/1025700.00W	Y	-	IF	-	-			EPKEE7.GAETR
GAETR	390500.00N/1005400.00W	Y	FO	TF	098.84	96.92			

