

**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.

DP NAME						NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
FOOOT						FIVE	FOOOT5.RLG	FOUR	07/11/2018	30 JAN 2020
TYPE:	OBSTACLE	COPTER	SID	SPECIAL	RNAV					
	☐	☐	☒	☐	☒					

DP ROUTE DESCRIPTION:
DENVER INTL:

THIS IS A CORRECTED COPY PREVIOUSLY PUBLISHED IN NFDD 238.

TAKEOFF RWY 8: CLIMB ON HEADING 082.53 TO 5934, THEN CONTINUE CLIMB ON HEADING 082.53 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO PENEY, THENCE ...

TAKEOFF RWY 16L: CLIMB ON HEADING 172.51 TO 5934, THEN RIGHT TURN DIRECT TO CROSS MUGBE AT/BELOW 10000, THEN ON TRACK 290.51 TO CROSS CRONA AT/BELOW 11000, THEN ON TRACK 270.61 TO RALFI, THEN ON TRACK 270.61 TO CROSS RAPDS AT/ABOVE 12000, THEN ON TRACK 259.81 TO CROSS PCKNS AT/ABOVE 16000, THEN ON TRACK 259.85 TO FOOOT, THEN ON TRACK 260.61 TO PENEY. THENCE ...

TAKEOFF RWY 16R: CLIMB ON HEADING 172.51 TO 5934, THEN RIGHT TURN DIRECT TO CROSS MUGBE AT/BELOW 10000, THEN ON TRACK 290.51 TO CROSS CRONA AT/BELOW 11000, THEN ON TRACK 270.61 TO RALFI, THEN ON TRACK 270.61 TO CROSS RAPDS AT/ABOVE 12000, THEN ON TRACK 259.81 TO CROSS PCKNS AT/ABOVE 16000, THEN ON TRACK 259.85 TO FOOOT, THEN ON TRACK 260.61 TO PENEY. THENCE ...

TAKEOFF RWY 17L: CLIMB ON HEADING 172.54 TO 5934, THEN RIGHT TURN DIRECT TO CROSS MUGBE AT/BELOW 10000, THEN ON TRACK 290.51 TO CROSS CRONA AT/BELOW 11000, THEN ON TRACK 270.61 TO RALFI, THEN ON TRACK 270.61 TO CROSS RAPDS AT/ABOVE 12000, THEN ON TRACK 259.81 TO CROSS PCKNS AT/ABOVE 16000, THEN ON TRACK 259.85 TO FOOOT, THEN ON TRACK 260.61 TO PENEY. THENCE ...

TAKEOFF RWY 17R: CLIMB ON HEADING 172.53 TO 5934, THEN RIGHT TURN DIRECT TO CROSS MUGBE AT/BELOW 10000, THEN ON TRACK 290.51 TO CROSS CRONA AT/BELOW 11000, THEN ON TRACK 270.61 TO RALFI, THEN ON TRACK 270.61 TO CROSS RAPDS AT/ABOVE 12000, THEN ON TRACK 259.81 TO CROSS PCKNS AT/ABOVE 16000, THEN ON TRACK 259.85 TO FOOOT, THEN ON TRACK 260.61 TO PENEY. THENCE ...

TAKEOFF RWY 25: CLIMB ON HEADING 262.51 TO INTERCEPT 293.68 COURSE TO CROSS MUGBE AT/BELOW 10000, THEN ON TRACK 290.51 TO CROSS CRONA AT/BELOW 11000, THEN ON TRACK 270.61 TO RALFI, THEN ON TRACK 270.61 TO CROSS RAPDS AT/ABOVE 12000. THEN ON TRACK 259.81 TO CROSS PCKNS AT/ABOVE 16000, THEN ON TRACK 259.85 TO FOOOT. THEN ON TRACK 260.61 TO PENEY. THENCE ...

TAKEOFF RWY 34L: CLIMB ON HEADING 352.51 TO 5934, THEN LEFT TURN DIRECT TO CROSS LINGR AT/BELOW 10000, THEN ON TRACK 265.28 TO CROSS CRONA AT/BELOW 11000, THEN ON TRACK 270.61 TO RALFI, THEN ON TRACK 270.61 TO CROSS RAPDS AT/ABOVE 12000, THEN ON TRACK 259.81 TO CROSS PCKNS AT/ABOVE 16000, THEN ON TRACK 259.85 TO FOOOT. THEN ON TRACK 260.61 TO PENEY. THENCE ...

TAKEOFF RWY 34R: CLIMB ON HEADING 352.51 TO 5934, THEN LEFT TURN DIRECT TO CROSS LINGR AT/BELOW 10000, THEN ON TRACK 265.28 TO CROSS CRONA AT/BELOW 11000, THEN ON TRACK 270.61 TO RALFI, THEN ON TRACK 270.61 TO CROSS RAPDS AT/ABOVE 12000, THEN ON TRACK 259.81 TO CROSS PCKNS AT/ABOVE 16000, THEN ON TRACK 259.85 TO FOOOT, THEN ON TRACK 260.61 TO PENEY. THENCE ...

TAKEOFF RWY 35L: CLIMB ON HEADING 352.53 TO INTERCEPT 278.64 COURSE TO CROSS LINGR AT/BELOW 10000, THEN ON TRACK 265.28 TO CROSS CRONA AT/BELOW 11000, THEN ON TRACK 270.61 TO RALFI, THEN ON TRACK 270.61 TO CROSS RAPDS AT/ABOVE 12000, THEN ON TRACK 259.81 TO CROSS PCKNS AT/ABOVE 16000. THEN ON TRACK 259.85 TO FOOOT, THEN ON TRACK 260.61 TO PENEY. THENCE ...

TAKEOFF RWY 35R: CLIMB ON HEADING 352.54 TO INTERCEPT 276.16 COURSE TO CROSS LINGR AT/BELOW 10000, THEN ON TRACK 265.28 TO CROSS CRONA AT/BELOW 11000, THEN ON TRACK 270.61 TO RALFI. THEN ON TRACK 270.61 TO CROSS RAPDS AT/ABOVE 12000, THEN ON TRACK 259.81 TO CROSS PCKNS AT/ABOVE 16000, THEN ON TRACK 259.85 TO FOOOT, THEN ON TRACK 260.61 TO PENEY. THENCE ...

... THEN ON DEPICTED ROUTE TO RLG VOR/DME. MAINTAIN FL230 OR FILED LOWER ALTITUDE. EXPECT HIGHER FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.



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FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

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FOOOT	FIVE	FOOOT5.RLG	FOUR	07/11/2018	30 JAN 2020

CENTENNIAL:

TAKEOFF RWY 17L, 17R: CLIMB ON HEADING 169.95 TO 6400, THEN CONTINUE CLIMB ON HEADING 169.95 OR AS ASSIGNED BY ATC, THENCE ...

TAKEOFF RWY 35L, 35R: CLIMB ON HEADING 349.95 TO 6400 THEN CONTINUE CLIMB ON HEADING 349.95 OR AS ASSIGNED BY ATC, THENCE ...

... RADAR VECTORS TO PENEY, THEN ON DEPICTED ROUTE TO RLG VOR/DME. MAINTAIN FL230 OR FILED LOWER ALTITUDE, EXPECT HIGHER FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

ROCKY MOUNTAIN METROPOLITAN:

TAKEOFF RWY 12L, 12R: CLIMB ON HEADING BETWEEN 150 CCW 350 AS ASSIGNED BY ATC. THENCE ...

TAKEOFF RWY 30L, 30R: CLIMBING RIGHT TURN HEADING BETWEEN 350 CW 113 AS ASSIGNED BY ATC. THENCE ...

... RADAR VECTORS TO PENEY, THEN ON DEPICTED ROUTE TO RLG VOR/DME. MAINTAIN FL230 OR FILED LOWER ALTITUDE, EXPECT HIGHER FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

NORTHERN COLORADO RGNL:

TAKEOFF RWY 15: CLIMB ON HEADING BETWEEN 180 CCW 350 AS ASSIGNED BY ATC. THENCE ...

TAKEOFF RWY 33: CLIMBING RIGHT TURN HEADING BETWEEN 350 CW 150 AS ASSIGNED BY ATC. THENCE ...

... RADAR VECTORS TO PENEY, THEN ON DEPICTED ROUTE TO RLG VOR/DME. MAINTAIN FL230 OR FILED LOWER ALTITUDE, EXPECT HIGHER FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

COLORADO AIR AND SPACE PORT:

TAKEOFF RWY 8: CLIMB ON HEADING 083.15 TO 6020, THEN CONTINUE CLIMB ON HEADING 083.15 OR AS ASSIGNED BY ATC, THENCE ...

TAKEOFF RWY 17: CLIMB ON HEADING 171.99 TO 6020, THEN CONTINUE CLIMB ON HEADING 171.99 OR AS ASSIGNED BY ATC, THENCE ...

TAKEOFF RWY 26: CLIMB ON HEADING 263.17 TO 6020, THEN CONTINUE CLIMB ON HEADING 263.17 OR AS ASSIGNED BY ATC, THENCE ...

TAKEOFF RWY 35: CLIMB ON HEADING 351.99 TO 6020, THEN CONTINUE CLIMB ON HEADING 351.99 OR AS ASSIGNED BY ATC, THENCE ...

... RADAR VECTORS TO PENEY, THEN ON DEPICTED ROUTE TO RLG VOR/DME. MAINTAIN FL230 OR FILED LOWER ALTITUDE, EXPECT HIGHER FILED ALTITUDE 10 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: DENVER INTL AIRPORT- TAKEOFF RWY 16L, 16R, 17L, 17R, 25, 34L, 34R, 35L, 35R - RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT.

NOTE: ACCELERATE TO AT OR ABOVE 250 KNOTS ABOVE 10000. IF SLOWER SPEED IS REQUIRED TO MEET CROSSING RESTRICTIONS ADVISE CLNC DEL PRIOR TO TAXI.



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NOTE: DENVER INTL AIRPORT- TAKEOFF RWY 8 - RADAR REQUIRED.

NOTE: CENTENNIAL, ROCKY MOUNTAIN METROPOLITAN, NORTHER COLORADO RGNL AND COLORADO AIR AND SPACE PORT AIRPORTS - RADAR REQUIRED.

TAKEOFF MINIMUMS:

DENVER INTL:

RWYS 7, 26: NA - ATC.

RWY 8: STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 5934.

RWY 16L, 16R: STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 5934, THEN MINIMUM CLIMB OF 265 FT PER NM TO 16000.

RWY 17L, 17R: STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 5934, THEN MINIMUM CLIMB OF 245 FT PER NM TO 16000.

RWY 25: STANDARD WITH MINIMUM CLIMB OF 425 FT PER NM TO 5934, THEN MINIMUM CLIMB OF 265 FT PER NM TO 16000.

RWY 34L, 34R: STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 5934, THEN MINIMUM CLIMB OF 260 FT PER NM TO 16000.

RWY 35L, 35R: STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 5934, THEN MINIMUM CLIMB OF 250 FT PER NM TO 16000.

CENTENNIAL:

RWY 10, 28: NA - ATC.

RWY 17L: STANDARD WITH MINIMUM CLIMB OF 255 FT PER NM TO 8000, THEN MINIMUM CLIMB OF 250 TO 16000.

RWY 17R: STANDARD WITH MINIMUM CLIMB OF 370 FT PER NM TO 8000, THEN MINIMUM CLIMB OF 250 TO 16000.

RWY 35L, 35R: STANDARD WITH MINIMUM CLIMB OF 250 FT PER NM TO 16000.

ROCKY MOUNTAIN METROPOLITAN:

RWY 3, 21: NA- ATC.

RWY 12R, 12L, 30R, 30L: STANDARD WITH MINIMUM CLIMB OF 250 FT PER NM TO 16000.

NORTHERN COLORADO RGNL:

RWY 6, 24: NA - VFR RUNWAY.

RWY 15, 33: STANDARD.

COLORADO AIR AND SPACE PORT:

RWY 8, 17, 26, 35: STANDARD.

TAKEOFF OBSTACLES NOTES:

DENVER INTL:

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

ROCKY MOUNTAIN METROPOLITAN:

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

CENTENNIAL:

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

NORTHERN COLORADO RGNL:

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

COLORADO AIR AND SPACE PORT:

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

CONTROLLING OBSTACLES:

CENTENNIAL:

RWY 17L: 6559 FT MSL AAO 392953.93N/1045044.26W.

RWY 17R: 6021 FT MSL OBS LIGHT ON BLDG 393302.52N/1045119.43W, 6559 FT MSL AAO 392953.93N/1045044.26W.



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DENVER INTL:
RWY 16L, 16R, 17L, 17R, 25, 34L, 34R, 35L, 35R: 13702 FT MSL AAO 400124.50N/1053847.80W.

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:
REFERENCE MAG VAR: KDEN 8E EPOCH YR: 2015.
DME/DME ASSESSMENT: SAT (RNP 2.0).
ALL AIRPORTS - CHART: TOP ALTITUDE: FL230.

PILOT NAVIGATION AREA:
10 NM ARC CENTERED ON PENEY (IF), CW
FROM: POINT A (BEARING 229 DEGREES TO PENEY)
TO: POINT B (BEARING 319 DEGREES TO PENEY)
MINIMUM ALTITUDE - 16000

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
DENVER INTL (KDEN)	DENVER	CO
CENTENNIAL (KAPA)	DENVER	CO
ROCKY MOUNTAIN METROPOLITAN (KBJC)	DENVER	CO
NORTHERN COLORADO RGNL (KFNL)	FORT COLLINS/LOVELAND	CO
COLORADO AIR AND SPACE PORT (KCFO)	DENVER	CO

COMMUNICATIONS:
DENVER INTL AIRPORT: D-ATIS DEP, CLNC DEL, CPDLC, DEN DEP CON
CENTENNIAL AIRPORT: ATIS, CLNC DEL, DEN DEP CON
ROCKY MOUNTAIN METROPOLITAN: ATIS, CLNC DEL, DEN DEP CON
NORTHERN COLORADO RGNL: DEN DEP CON
COLORADO AIR AND SPACE PORT: ATIS, CLNC DEL, DEN DEP CON, DEN CLNC DEL (WHEN TOWER CLOSED)

FIXES AND/OR NAVAIDS:
CHART FOOOT ON KAPA, KBJC, KCFO, AND KFNL PROCEDURES.

REMARKS:
ABBREVIATED AMENDMENT

CLIMB GRADIENTS AT CENTENNIAL OFF RWY 17L, 17R ARE OBSTACLE DRIVEN WITH THE CLIMB TO ALTITUDE DETERMINED BY LOCATION OF 8000 MVA AND PROXIMITY TO HIGHER MVA'S.

THE AIRLINE INDUSTRY HAS REQUESTED THAT BLOCK ALTITUDES NOT BE PUBLISHED ON THE PROCEDURE, WAIVER ON FILE TO REMOVE AT/ABOVE ALTITUDES ASSOCIATED WITH CROSS AT OR BELOW ALTITUDES.



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ATC HAS REQUESTED TO DEVIATE FROM THE STANDARD NAMING CONVENTION CONTAINED IN FAAO 8260.46. SID NAMES CORRESPOND WITH WAYPOINT NAMES AT OUTER BOUNDARY OF DENVER TRACON/ARTCC AIRSPACE. WAIVER APPROVED AND ON FILE.

KBJC RWY 12L, 12R, 30L, 30R: FLIGHT TRACK DISTANCE TO PENEY PNA BOUNDARY 35 NM PER ATC.

KAPA RWY 17L, 17R: FLIGHT TRACK DISTANCE TO PENEY PNA BOUNDARY 38 NM PER ATC.

KAPA RWY 35L, 35R: FLIGHT TRACK DISTANCE TO PENEY PNA BOUNDARY 40 NM PER ATC.

KFNL RWY 15, 33: FLIGHT TRACK DISTANCE TO PENEY PNA BOUNDARY 74 NM PER ATC.

KCFO RWY 8, 17, 26, 35: FLIGHT TRACK DISTANCE TO PENEY PNA BOUNDARY 60 NM PER ATC.

KDEN RWY 8: FLIGHT TRACK DISTANCE TO PENEY PNA BOUNDARY 55 NM PER ATC.

FLIGHT INSPECTED BY:

PROCESSED IAW AIRCRAFT OPS GRP (AJW-33) MEMO,
10/3/18, SUB: FLIGHT INSPECTION REVIEW NOT REQUIRED

Digitally signed by

ALLAN WILL

Dec 11, 2019

OFFICE SYMBOL:

DATE:

DEVELOPED BY:

PHILLIP BRANDENBURG

Digitally signed by

PHILLIP BRANDENBURG

Dec 10, 2019

OFFICE SYMBOL:

AJV-A423

DATE:

08/19/2019

APPROVED BY:

MARLON ROBINSON

Digitally signed by

ALLAN WILL

Dec 11, 2019

OFFICE SYMBOL:

AJV-A420

DATE:

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A	ALPA	AOPA	APA	HAI	NBAA
☒	☒	☒	☒	☐	☒

OTHER:

ZDV, BJC ATCT, DEN APP CON, CO AERO MGR, AMGR'S

CHANGES - REASONS:

1. CHANGED ALL AIRPORT NAME REFERENCES FROM FRONT RANGE TO COLORADO AIR AND SPACE PORT, ID CHANGED FROM KFTG TO KCFO - PER FPT/APT REQUEST.

12/10/19: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 12/4/19.

1. 8260-15B, DP ROUTE DESCRIPTION FOR DENVER INTL RWY 17R: ADDED "CLIMB ON HEADING" TO BEGINNING OF DESCRIPTION.

2. 8260-15B, COMMUNICATIONS: ADDED **NORTHERN COLORADO RGNL**: DEN DEP CON.

3. 8260-15B, FIXES AND/OR NAVAIDS: CHANGED REFERENCE FROM KFTG TO KCFO.

QUALITY
35
CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)

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FOOOT		FIVE		FOOOT5.RLG		FOUR		07/11/2018		30 JAN 2020	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS		
DENVER INTL	(KDEN)										
RW08 (AER)	395239.20N/1043944.03W	N	-	-	-	-			CG 400 PER NM TO 5934		
5934 MSL	-	-	-	VA	090.53	-					
	-	-	-	VM	090.53	-					
PENEY	395815.92N/1055130.49W	Y	FB	DF	-	-					
RW16L (AER)	395349.33N/1044112.50W	-	-	-	-	-			CG 400 FT PER NM TO 5934 THEN CG 265 FT PER NM TO 16000		
5934 MSL	-	-	-	VA	180.51	-					
MUGBE	395437.37N/1045408.28W	Y	FB	DF	-	-	AT/BELOW 10000		RIGHT TURN		
CRONA	395646.69N/1045917.93W	Y	FB	TF	298.51	4.52	AT/BELOW 11000				
RALFI	395814.90N/1051201.12W	Y	FB	TF	278.61	9.89					
RAPDS	395906.84N/1051929.38W	Y	FB	TF	278.61	5.81	AT/ABOVE 12000				
PCKNS	395842.52N/1053249.58W	Y	FB	TF	267.81	10.26	AT/ABOVE 16000				
FOOOT	395828.31N/1054051.59W	Y	FB	TF	267.85	6.18					
PENEY	395815.92N/1055130.49W	Y	FB	TF	268.61	8.19					
RW16R (AER)	395344.87N/1044145.90W	N	-	-	-	-			CG 400 FT PER NM TO 5934 THEN CG 265 FT PER NM TO 16000		
5934 MSL	-	-	-	VA	180.51	-					
MUGBE	395437.37N/1045408.28W	Y	FB	DF	-	-	AT/BELOW 10000		RIGHT TURN		
CRONA	395646.69N/1045917.93W	Y	FB	TF	298.51	4.52	AT/BELOW 11000				
RALFI	395814.90N/1051201.12W	Y	FB	TF	278.61	9.89					
RAPDS	395906.84N/1051929.38W	Y	FB	TF	278.61	5.81	AT/ABOVE 12000				

QUALITY 9

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
PCKNS	395842.52N/1053249.58W	Y	FB	TF	267.81	10.26	AT/ABOVE 16000		
FOOOT	395828.31N/1054051.59W	Y	FB	TF	267.85	6.18			
PENEY	395815.92N/1055130.49W	Y	FB	TF	268.61	8.19			
RW17L (AER)	395153.83N/1043828.70W	N	-	-	-	-			CG 400 FT PER NM TO 5934 THEN CG 245 FT PER NM TO 16000
5934 MSL	-	-	-	VA	180.54	-			
MUGBE	395437.37N/1045408.28W	Y	FB	DF	-	-	AT/BELOW 10000		RIGHT TURN
CRONA	395646.69N/1045917.93W	Y	FB	TF	298.51	4.52	AT/BELOW 11000		
RALFI	395814.90N/1051201.12W	Y	FB	TF	278.61	9.89			
RAPDS	395906.84N/1051929.38W	Y	FB	TF	278.61	5.81	AT/ABOVE 12000		
PCKNS	395842.52N/1053249.58W	Y	FB	TF	267.81	10.26	AT/ABOVE 16000		
FOOOT	395828.31N/1054051.59W	Y	FB	TF	267.85	6.18			
PENEY	395815.92N/1055130.49W	Y	FB	TF	268.61	8.19			
RW17R (AER)	395140.48N/1043936.56W	N	-	-	-	-			CG 400 FT PER NM TO 5934 THEN CG 245 FT PER NM TO 16000
5934 MSL	-	-	-	VA	180.53	-			
MUGBE	395437.37N/1045408.28W	Y	FB	DF	-	-	AT/BELOW 10000		RIGHT TURN
CRONA	395646.69N/1045917.93W	Y	FB	TF	298.51	4.52	AT/BELOW 11000		
RALFI	395814.90N/1051201.12W	Y	FB	TF	278.61	9.89			
RAPDS	395906.84N/1051929.38W	Y	FB	TF	278.61	5.81	AT/ABOVE 12000		
PCKNS	395842.52N/1053249.58W	Y	FB	TF	267.81	10.26	AT/ABOVE 16000		
FOOOT	395828.31N/1054051.59W	Y	FB	TF	267.85	6.18			



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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS		
PENEY	395815.92N/1055130.49W	Y	FB	TF	268.61	8.19					
RW25 (AER)	395026.37N/1044102.17W	N	-	-	-	-			CG 425 FT PER NM TO 5934 THEN CG 265 FT PER NM TO 16000		
	395028.08N/1044523.11W	-	-	VI	270.51	3.35					
MUGBE	395437.37N/1045408.28W	Y	FB	CF	301.68	7.91	AT/BELOW 10000		RECOMMENDED NAVAID: DENVER VOR/DME		
CRONA	395646.69N/1045917.93W	Y	FB	TF	298.51	4.52	AT/BELOW 11000				
RALFI	395814.90N/1051201.12W	Y	FB	TF	278.61	9.89					
RAPDS	395906.84N/1051929.38W	Y	FB	TF	278.61	5.81	AT/ABOVE 12000				
PCKNS	395842.52N/1053249.58W	Y	FB	TF	267.81	10.26	AT/ABOVE 16000				
FOOOT	395828.31N/1054051.59W	Y	FB	TF	267.85	6.18					
PENEY	395815.92N/1055130.49W	Y	FB	TF	268.61	8.19					
RW34L (AER)	395106.79N/1044147.72W	N	-	-	-	-			CG 400 FT PER NM TO 5934 THEN CG 260 FT PER NM TO 16000		
5934 MSL	-	-	-	VA	000.51	-					
LINGR	395632.99N/1045404.57W	Y	FB	DF	-	-	AT/BELOW 10000		LEFT TURN		
CRONA	395646.69N/1045917.93W	Y	FB	TF	273.28	4.02	AT/BELOW 11000				
RALFI	395814.90N/1051201.12W	Y	FB	TF	278.61	9.89					
RAPDS	395906.84N/1051929.38W	Y	FB	TF	278.61	5.81	AT/ABOVE 12000				
PCKNS	395842.52N/1053249.58W	Y	FB	TF	267.81	10.26	AT/ABOVE 16000				
FOOOT	395828.31N/1054051.59W	Y	FB	TF	267.85	6.18					
PENEY	395815.92N/1055130.49W	Y	FB	TF	268.61	8.19					



**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>EFFECTIVE DATE</u>
FOOOT		FIVE		FOOOT5.RLG		FOUR		07/11/2018	30 JAN 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>
RW34R (AER)	395150.77N/1044113.88W	N	-	-	-	-			CG 400 FT PER NM TO 5934 THEN CG 260 FT PER NM TO 16000
5934 MSL	-	-	-	VA	000.51	-			
LINGR	395632.99N/1045404.57W	Y	FB	DF	-	-	AT/BELOW 10000		LEFT TURN
CRONA	395646.69N/1045917.93W	Y	FB	TF	273.28	4.02	AT/BELOW 11000		
RALFI	395814.90N/1051201.12W	Y	FB	TF	278.61	9.89			
RAPDS	395906.84N/1051929.38W	Y	FB	TF	278.61	5.81	AT/ABOVE 12000		
PCKNS	395842.52N/1053249.58W	Y	FB	TF	267.81	10.26	AT/ABOVE 16000		
FOOOT	395828.31N/1054051.59W	Y	FB	TF	267.85	6.18			
PENEY	395815.92N/1055130.49W	Y	FB	TF	268.61	8.19			
RW35L (AER)	394941.93N/1043937.98W	N	-	-	-	-			CG 400 FT PER NM TO 5934 THEN CG 250 FT PER NM TO 16000
	395313.89N/1043935.43W	-	-	VI	000.53	3.53			
LINGR	395632.99N/1045404.57W	Y	FB	VF	286.64	11.63	AT/BELOW 10000		RECOMMENDED NAVAID: DENVER VOR/DME
CRONA	395646.69N/1045917.93W	Y	FB	TF	273.28	4.02	AT/BELOW 11000		
RALFI	395814.90N/1051201.12W	Y	FB	TF	278.61	9.89			
RAPDS	395906.84N/1051929.38W	Y	FB	TF	278.61	5.81	AT/ABOVE 12000		
PCKNS	395842.52N/1053249.58W	Y	FB	TF	267.81	10.26	AT/ABOVE 16000		
FOOOT	395828.31N/1054051.59W	Y	FB	TF	267.85	6.18			
PENEY	395815.92N/1055130.49W	Y	FB	TF	268.61	8.19			
RW35R (AER)	394955.27N/1043830.16W	N	-	-	-	-			CG 400 FT PER NM TO 5934 THEN CG 250 FT PER NM TO 16000
	395332.03N/1043827.51W	-	-	VI	000.54	3.61			

QUALITY
9
CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)

DP NAME		NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED	EFFECTIVE DATE
FOOOT		FIVE		FOOOT5.RLG		FOUR		07/11/2018	30 JAN 2020
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
LINGR	395632.99N/1045404.57W	Y	FB	CF	284.16	12.39	AT/BELOW 10000		RECOMMENDED NAVAID: DENVER VOR/DME
CRONA	395646.69N/1045917.93W	Y	FB	TF	273.28	4.02	AT/BELOW 11000		
RALFI	395814.90N/1051201.12W	Y	FB	TF	278.61	9.89			
RAPDS	395906.84N/1051929.38W	Y	FB	TF	278.61	5.81	AT/ABOVE 12000		
PCKNS	395842.52N/1053249.58W	Y	FB	TF	267.81	10.26	AT/ABOVE 16000		
FOOOT	395828.31N/1054051.59W	Y	FB	TF	267.85	6.18			
PENEY	395815.92N/1055130.49W	Y	FB	TF	268.61	8.19			
PENEY	395815.92N/1055130.49W	Y	-	IF	-	-			
RLG VOR/DME	400009.50N/1062632.96W	Y	FB	TF	274.21	27.00			
CENTENNIAL (KAPA)									
RW17L (AER)	393502.91N/1045105.31W	N	-	-	-	-			CG 255 FT PER NM TO 8000 THEN CG 250 FT PER NM TO 16000
6400 MSL	-	-	-	VA	177.95	-			
	-	-	-	VM	177.95	-			
PENEY	395815.92N/1055130.49W	Y	FB	DF	-	-			
RW17R (AER)	393444.35N/10445113.39W	N	-	-	-	-			CG 370 FT PER NM TO 8000 THEN CG 250 FT PER NM TO 16000
6400 MSL	-	-	-	VA	177.95	-			
	-	-	-	VM	177.95	-			
PENEY	395815.92N/1055130.49W	Y	FB	DF	-	-			



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)

DP NAME		NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED	EFFECTIVE DATE
FOOOT		FIVE		FOOOT5.RLG		FOUR		07/11/2018	30 JAN 2020
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW35L (AER)	393335.23N/1045110.19	N	-	-	-	-			CG 250 FT PER NM TO 16000
6400 MSL	-	-	-	VA	357.95	-			
	-	-	-	VM	357.95	-			
PENEY	395815.92N/1055130.49W	Y	FB	DF	-	-			
RW35R (AER)	393324.15N/1045100.76W	N	-	-	-	-			CG 250 FT PER NM TO 16000
6400 MSL	-	-	-	VA	357.95	-			
	-	-	-	VM	357.95	-			
PENEY	395815.92N/1055130.49W	Y	FB	DF	-	-			
PENEY	395815.92N/1055130.49W	Y	-	IF	-	-			
RLG VOR/DME	400009.50N/1062632.96W	Y	FB	TF	274.21	27.00			
ROCKY MOUNTAIN (KBJC)									
PENEY	395815.92N/1055130.49W	Y	-	IF	-	-			
RLG VOR/DME	400009.50N/1062632.96W	Y	FB	TF	274.21	27.00			
NORTHERN COLORADO RGNL (KFNL)									
PENEY	395815.92N/1055130.49W	Y	-	IF	-	-			
RLG VOR/DME	400009.50N/1062632.96W	Y	FB	TF	274.21	27.00			
COLORADO AIR AND SPACE PORT (KCFO)									



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)

DP NAME		NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED	EFFECTIVE DATE
FOOOT		FIVE		FOOOT5.RLG		FOUR		07/11/2018	30 JAN 2020
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW08 (AER)	394738.42N/1043354.88W	N	-	-	-	-			
6020 MSL	-	-	-	VA	091.15	-			
	-	-	-	VM	091.15	-			
PENEY	395815.92N/1055130.49W	Y	FB	DF	-	-			
RW17 (AER)	394708.14N/1043127.25W	N	-	-	-	-			
6020 MSL	-	-	-	VA	179.99	-			
	-	-	-	VM	179.99	-			
PENEY	395815.92N/1055130.49W	Y	FB	DF	-	-			
RW26 (AER)	394736.82N/1043212.42W	N	-	-	-	-			
6020 MSL	-	-	-	VA	271.17	-			
	-	-	-	VM	271.17	-			
PENEY	395815.92N/1055130.49W	Y	FB	DF	-	-			
RW35 (AER)	394549.10N/1043127.23W	N	-	-	-	-			
6020 MSL	-	-	-	VA	359.99	-			
	-	-	-	VM	359.99	-			
PENEY	395815.92N/1055130.49W	Y	FB	DF	-	-			
PENEY	395815.92N/1055130.49W	Y	-	IF	-	-			
RLG VOR/DME	400009.50N/1062632.96W	Y	FB	TF	274.21	27.00			

