

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

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<u>DP NAME</u>						<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>EFFECTIVE DATE</u>
CONNR						FIVE	CONNR5.CONNR	FOUR	06/22/2017	13 SEP 2018
<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 HEADING 082.53 TO 5934, THEN CONTINUE CLIMB HEADING 082.53 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CONNR, THENCE ...

TAKEOFF RWY 16L: CLIMB HEADING 172.51 TO INTERCEPT COURSE 186.01/5.21 TO GOROC, THEN ON TRACK 262.12/8.70 TO CROSS HURDL AT OR BELOW 10000, THEN ON TRACK 272.15/5.07 TO HAWPE, THEN ON TRACK 271.31/9.07 TO TUNNN, THEN ON TRACK 246.53/3.32 TO CROSS TAVRN AT OR ABOVE 12000, THEN ON TRACK 246.74/7.70 TO CROSS VONNN AT OR ABOVE 14000, THEN ON TRACK 246.41/6.09 TO CROSS TEEBO AT OR ABOVE 16000, THEN ON TRACK 247.44/5.02 TO CONNR, THENCE ...

TAKEOFF RWY 16R: CLIMB HEADING 172.51 TO INTERCEPT COURSE 183.01/4.33 TO GOROC, THEN ON TRACK 262.12/8.70 TO CROSS HURDL AT OR BELOW 10000, THEN ON TRACK 272.15/5.07 TO HAWPE, THEN ON TRACK 271.31/9.07 TO TUNNN, THEN ON TRACK 246.53/3.32 TO CROSS TAVRN AT OR ABOVE 12000, THEN ON TRACK 246.74/7.70 TO CROSS VONNN AT OR ABOVE 14000, THEN ON TRACK 246.41/6.09 TO CROSS TEEBO AT OR ABOVE 16000, THEN ON TRACK 247.44/5.02 TO CONNR, THENCE ...

TAKEOFF RWY 17L: CLIMB HEADING 172.54 TO INTERCEPT COURSE 218.06/4.67 TO GOROC, THEN ON TRACK 261.54/2.39 TO CROSS YORVT AT OR ABOVE 8000, THEN ON TRACK 262.30/6.32 TO CROSS HURDL AT OR BELOW 10000, THEN ON TRACK 272.15/5.07 TO HAWPE, THEN ON TRACK 271.31/9.07 TO TUNNN, THEN ON TRACK 246.53/3.32 TO CROSS TAVRN AT OR ABOVE 12000, THEN ON TRACK 246.74/7.70 TO CROSS VONNN AT OR ABOVE 14000, THEN ON TRACK 246.41/6.09 TO CROSS TEEBO AT OR ABOVE 16000, THEN ON TRACK 247.44/5.02 TO CONNR, THENCE ...

TAKEOFF RWY 17R: CLIMB HEADING 172.53 TO INTERCEPT COURSE 210.03/4.05 TO GOROC, THEN ON TRACK 261.54/2.39 TO CROSS YORVT AT OR ABOVE 8000, THEN ON TRACK 262.30/6.32 TO CROSS HURDL AT OR BELOW 10000, THEN ON TRACK 272.15/5.07 TO HAWPE, THEN ON TRACK 271.31/9.07 TO TUNNN, THEN ON TRACK 246.53/3.32 TO CROSS TAVRN AT OR ABOVE 12000, THEN ON TRACK 246.74/7.70 TO CROSS VONNN AT OR ABOVE 14000, THEN ON TRACK 246.41/6.09 TO CROSS TEEBO AT OR ABOVE 16000, THEN ON TRACK 247.44/5.02 TO CONNR, THENCE...

TAKEOFF RWY 25: CLIMB HEADING 262.51 TO 5934, THEN DIRECT TO CROSS WRIPS AT OR BELOW 10000, THEN ON TRACK 261.70/5.12 TO MYALE, THEN ON TRACK 246.37/9.21 TO TUNNN, THEN ON TRACK 246.53/3.32 TO CROSS TAVRN AT OR ABOVE 12000, THEN ON TRACK 246.74/7.70 TO CROSS VONNN AT OR ABOVE 14000, THEN ON TRACK 246.41/6.09 TO CROSS TEEBO AT OR ABOVE 16000, THEN ON TRACK 247.44/5.02 TO CONNR, THENCE ...

TAKEOFF RWY 34L: CLIMB HEADING 352.51 TO 5934, THEN CLIMBING LEFT TURN DIRECT TO CROSS YOBUB AT OR BELOW 10000, THEN ON TRACK 246.49/5.31 TO MYALE, THEN ON TRACK 246.37/9.21 TO TUNNN, THEN ON TRACK 246.53/3.32 TO CROSS TAVRN AT OR ABOVE 12000, THEN ON TRACK 246.74/7.70 TO CROSS VONNN AT OR ABOVE 14000, THEN ON TRACK 246.41/6.09 TO CROSS TEEBO AT OR ABOVE 16000, THEN ON TRACK 247.44/5.02 TO CONNR, THENCE ...

TAKEOFF RWY 34R: CLIMB HEADING 352.51 TO 5934, THEN CLIMBING LEFT TURN DIRECT TO CROSS YOBUB AT OR BELOW 10000, THEN ON TRACK 246.49/5.31 TO MYALE, THEN ON TRACK 246.37/9.21 TO TUNNN, THEN ON TRACK 246.53/3.32 TO CROSS TAVRN AT OR ABOVE 12000, THEN ON TRACK 246.74/7.70 TO CROSS VONNN AT OR ABOVE 14000, THEN ON TRACK 246.41/6.09 TO CROSS TEEBO AT OR ABOVE 16000, THEN ON TRACK 247.44/5.02 TO CONNR, THENCE ...

TAKEOFF RWY 35L: CLIMB HEADING 352.53 TO 5934, THEN CLIMBING LEFT TURN DIRECT TO CROSS YOBUB AT OR BELOW 10000, THEN ON TRACK 246.49/5.31 TO MYALE, THEN ON TRACK 246.37/9.21 TO TUNNN, THEN ON TRACK 246.53/3.32 TO CROSS TAVRN AT OR ABOVE 12000, THEN ON TRACK 246.74/7.70 TO CROSS VONNN AT OR ABOVE 14000, THEN ON TRACK 246.41/6.09 TO CROSS TEEBO AT OR ABOVE 16000, THEN ON TRACK 247.44/5.02 TO CONNR, THENCE ...

TAKEOFF RWY 35R: CLIMB HEADING 352.54 TO 5934, THEN CLIMBING LEFT TURN DIRECT TO CROSS YOBUB AT OR BELOW 10000, THEN ON TRACK 246.49/5.31 TO MYALE, THEN ON TRACK 246.37/9.21 TO TUNNN, THEN ON TRACK 246.53/3.32 TO CROSS TAVRN AT OR ABOVE 12000, THEN ON TRACK 246.74/7.70 TO CROSS VONNN AT OR ABOVE 14000, THEN ON TRACK 246.41/6.09 TO CROSS TEEBO AT OR ABOVE 16000, THEN ON TRACK 247.44/5.02 TO CONNR, THENCE ...

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

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CENTENNIAL:

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

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

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

ROCKY MOUNTAIN METROPOLITAN:

TAKEOFF RWY 12L, 12R: CLIMB 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 CONNR. THEN ON DEPICTED ROUTE TO DBL VOR/DME. MAINTAIN FL230 OR FILED LOWER ALTITUDE, EXPECT HIGHER FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

NORTHERN COLORADO REGIONAL:

TAKEOFF RWY 15: CLIMB 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 CONNR, THEN ON DEPICTED ROUTE TO DBL VOR/DME MAINTAIN FL230 OR FILED LOWER ALTITUDE, EXPECT HIGHER FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

FRONT RANGE:

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

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

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

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

... RADAR VECTORS TO CONNR, THEN ON DEPICTED ROUTE TO DBL 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.



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CONNRR	FIVE	CONNRR5.CONNRR	FOUR	06/22/2017	13 SEP 2018

NOTE: DENVER INTL - 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 KIAS ABOVE 10000. IF SLOWER SPEED IS REQUIRED TO MEET CROSSING RESTRICTONS, ADVISE CLNC DEL PRIOR TO TAXI.

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

NOTE: CENTENNIAL, ROCKY MOUNTAIN METROPOLITAN, NORTHERN COLORADO RGNL, AND FRONT RANGE AIRPORTS - RADAR REQUIRED.

TAKEOFF MINIMUMS:

DENVER INTL:

RWY 7, 26: NA - ATC

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

RWY 16L: STANDARD WITH MINIMUM CLIMB OF 425 FT PER NM TO 5934, THEN MINIMUM CLIMB OF 250 FT PER NM TO 16500.

RWY 16R: STANDARD WITH MINIMUM CLIMB OF 420 FT PER NM TO 5934, THEN MINIMUM CLIMB OF 250 FT PER NM TO 16500.

RWY 17L: STANDARD WITH MINIMUM CLIMB OF 450 FT PER NM TO 6400, THEN MINIMUM CLIMB OF 265 FT PER NM TO 16500.

RWY 17R: STANDARD WITH MINIMUM CLIMB OF 460 FT PER NM TO 7000, THEN MINIMUM CLIMB OF 250 FT PER NM TO 16500.

RWY 25: STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 5934, THEN MINIMUM CLIMB OF 270 FT PER NM TO 16500.

RWY 34L, 34R: STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 5934, THEN MINIMUM CLIMB OF 250 FT PER NM TO 16500.

RWY 35L, 35R: STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 5934, THEN MINIMUM CLIMB OF 250 FT PER NM TO 16500.

CENTENNIAL:

RWY 10, 28: NA - ATC

RWY 17L: STANDARD WITH MINIMUM CLIMB OF 255 FT PER NM TO 8000, THEN MINIMUM CLIMB OF 270 TO 16500.

RWY 17R: STANDARD WITH MINIMUM CLIMB OF 370 FT PER NM TO 8000, THEN MINIMUM CLIMB OF 270 TO 16500.

RWY 35L, 35R: STANDARD WITH MINIMUM CLIMB OF 320 FT PER NM TO 16500.

ROCKY MOUNTAIN METROPOLITAN:

RWY 3, 21: NA - ATC

RWY 12L, 12R, 30L, 30R: STANDARD WITH MINIMUM CLIMB OF 250 FT PER NM TO 16500.

NORTHERN COLORADO REGIONAL (KFNL):

RWY 6, 24: NA - VFR RUNWAY.

RWY 15, 33: STANDARD.

FRONT RANGE:

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).

FRONT RANGE:

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



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CONTROLLING OBSTACLES:**CENTENNIAL (KAPA):****RWY 17L:** 6559 FT MSL AAO 392953.93N/1045044.26W.**RWY 17R:** 6021 FT MSL OBS LT ON BLDG 393302.52N/1045119.43W, 6559 FT MSL AAO 392953.93N/1045044.26W.**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 CONNR (IF), CW

FROM: POINT A (BEARING 209 DEGREES TO CONNR)**TO:** POINT B (BEARING 299 DEGREES TO CONNR)

MINIMUM ALTITUDE - 16500

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 REGIONAL (KFNL)	FORT COLLINS/LOVELAND	CO
FRONT RANGE (KFTG)	DENVER	CO

COMMUNICATIONS:**DENVER INTERNATIONAL AIRPORT:** D-ATIS DEP, CLNC DEP, DEN DEP CON, CPDLC**CENTENNIAL AIRPORT:** ATIS, CLNC DEL, DEN DEP CON**ROCKY MOUNTAIN METROPOLITAN:** CLNC DEL, DEN DEP CON**NORTHERN COLORADO RGNL:** DEN DEP CON**FRONT RANGE:** ATIS, CLNC DEL, DEN DEP CON, DEN CLNC DEL (WHEN TOWER CLOSED)**FIXES AND/OR NAVAIDS:**

BULDG

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 OR 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 FAO 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 CONNR PNA BOUNDARY 40 NM PER ATC.

KAPA RWY 17L, 17R: FLIGHT TRACK DISTANCE TO CONNR PNA BOUNDARY 31 NM PER ATC.

KAPA RWY 35L, 35R: FLIGHT TRACK DISTANCE TO CONNR PNA BOUNDARY 29 NM PER ATC.

KFNL RWY 15, 33: FLIGHT TRACK DISTANCE TO CONNR PNA BOUNDARY 70 NM PER ATC.

KFTG RWY 8, 26, 17, 35: FLIGHT TRACK DISTANCE TO CONNR PNA BOUNDARY 56 NM PER ATC.

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

APPROVAL LETTER KFNL FALLS OUTSIDE PNA RADAR VECTORING AREA.

CLIMB GRADIENTS ARE DRIVEN BY ATC REQUIRED ALTITUDES, DME/DME ASSESSMENT MINIMUM ALTITUDES, OR BY OBSTACLES.

FLIGHT INSPECTED BY:

OFFICE SYMBOL:

DATE:

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, DEC 22, 2017.

DEVELOPED BY: *Digitally signed by*
LONNIE EVERHART
(TARA MARTINELLI)
DONALD H LANIER
Jul 11, 2018

Digitally signed by
DONALD H LANIER **OFFICE SYMBOL:** **DATE:**
Jul 11, 2018 AJV-5400 04/13/2018

APPROVED BY: *Digitally signed by*
LONNIE EVERHART
DONALD H LANIER
Jul 11, 2018

OFFICE SYMBOL: **DATE:**
AJV-5400

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA**

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OTHER:

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

CHANGES - REASONS:

1. CHANGED ALL REFERENCES TO FORT COLLINS - LOVELAND MUNI TO NORTHERN COLORADO RGNL, AIRPORT NAME CHANGE EFFECTIVE 2/1/2018
2. CHANGED CENTENNIAL, ROCKY MOUNTAIN METROPOLITAN, NORTHERN COLORADO REGIONAL, AND FRONT RANGE THENCE INSTRUCTIONS TO REMOVE "EXPECT RADAR VECTORS" AND REPLACED WITH "RADAR VECTORS" - PER THE 8260-46F, 1-1-6, "EXPECT" CANNOT BE USED WHEN REFERRING TO RADAR VECTORS.
3. REMOVED TAKEOFF OBSTACLE NOTES AT ALL AIRPORTS AND REPLACED WITH "SEE 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP) - MEMO 259, IMPLEMENTATION OF AFS WAIVER FOR FAA ORDER 8260-46F, DEPARTURE PROCEDURE PROGRAM.
4. COMMUNICATIONS BLOCK: MATCHED AND/OR STANDERDIZED TO CURRENT FREQUENCIES ON PUBLISHED TPP - COORDINATED/VERIFIED WITH FPT/ATC.
5. FIXES AND/OR NAVAIDS BLOCK: REMOVED "CHART" AND DBL VOR/DME - NOT REQUIRED BY THE 8260-46F, APPENDIX E, SECTION 1, #13.
6. REMARKS BLOCK: WAIVER INFORMATION ADDED IN REFERENCE TO NAMING CONVENTION IAW FAO 8260.46F.

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<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>
DENVER INTL	(KDEN)								
RW08 (AER)	395239.20N/1043944.03W	N	-	-	-	-			CG 400 FT/NM TO 5934
5934 MSL	-	-	-	VA	090.53	-			
	-	-	-	VM	090.53	-			
CONNR	394156.63N/1053956.80W	Y	FB	DF	-	-			
RW16L (AER)	395349.33N/1044112.50W	N	-	-	-	-			CG 425 FT/NM TO 5934, THEN CG 250 FT PER NM TO 16500
	395028.78N/1044114.82W	-	-	VI	180.51	3.34			RECOMMENDED NAVAID: DENVER VOR/DME
GOROC	394525.00N/1044253.00W	Y	FB	CF	194.01	5.21			
HURDL	394525.53N/1045410.02W	Y	FB	TF	270.12	8.70	AT/BELOW 10000		
HAWPE	394619.01N/1050038.49W	Y	FB	TF	280.15	5.07			
TUNNN	394746.58N/1051215.49W	Y	FB	TF	279.31	9.07			
TAVRN	394653.35N/1051624.44W	Y	FB	TF	254.53	3.32	AT/ABOVE 12000		
VONNN	394451.26N/1052602.41W	Y	FB	TF	254.74	7.70	AT/ABOVE 14000		
TEEBO	394312.65N/1053338.90W	Y	FB	TF	254.41	6.09	AT/ABOVE 16000		
CONNR	394156.63N/1053956.80W	Y	FB	TF	255.44	5.02			
RW16R (AER)	395344.87N/1044145.90W	N	FB	-	-	-			CG 420 FT/NM TO 5934, THEN CG 250 FT PER NM TO 16500
	394939.89N/1044148.73W	-	-	VI	180.51	4.08			RECOMMENDED NAVAID: DENVER VOR/DME
GOROC	394525.00N/1044253.00W	Y	FB	CF	191.01	4.32			
HURDL	394525.53N/1045410.02W	Y	FB	TF	270.12	8.70	AT/BELOW 10000		
HAWPE	394619.01N/1050038.49W	Y	FB	TF	280.15	5.07			

QUALITY
8
CHECKED

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<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>
TUNNN	394746.58N/1051215.49W	Y	FB	TF	279.31	9.07			
TAVRN	394653.35N/1051624.44W	Y	FB	TF	254.53	3.32	AT/ABOVE 12000		
VONNN	394451.26N/1052602.41W	Y	FB	TF	254.74	7.70	AT/ABOVE 14000		
TEEBO	394312.65N/1053338.90W	Y	FB	TF	254.41	6.09	AT/ABOVE 16000		
CONNR	394156.63N/1053956.80W	Y	FB	TF	255.44	5.02			
RW17L (AER)	395153.83N/1043828.70W	N	-	-	-	-			CG 450 FT/NM TO 6400, THEN CG 265 FT PER NM TO 16500.
	394839.88N/1043831.07W	-	-	VI	180.54	3.23			RECOMMENDED NAVAID: DENVER VOR/DME
GOROC	394525.00N/1044253.00W	Y	FB	CF	226.06	4.68			
YORVT	394523.80N/1044558.58W	Y	FB	TF	269.54	2.39	AT/ABOVE 8000		
HURDL	394525.53N/1045410.02W	Y	FB	TF	270.30	6.32	AT/BELOW 10000		
HAWPE	394619.01N/1050038.49W	Y	FB	TF	280.15	5.07			
TUNNN	394746.58N/1051215.49W	Y	FB	TF	279.31	9.07			
TAVRN	394653.35N/1051624.44W	Y	FB	TF	254.53	3.32	AT/ABOVE 12000		
VONNN	394451.26N/1052602.41W	Y	FB	TF	254.74	7.70	AT/ABOVE 14000		
TEEBO	394312.65N/1053338.90W	Y	FB	TF	254.41	6.09	AT/ABOVE 16000		
CONNR	394156.63N/1053956.80W	Y	FB	TF	255.44	5.02			
RW17R (AER)	395140.48N/1043936.56W	N	-	-	-	-			CG 460 FT/NM TO 7000, THEN CG 250 FT PER NM TO 16500.
	394836.74N/1043938.76W	-	-	VI	180.53	3.06			RECOMMENDED NAVAID: DENVER VOR/DME
GOROC	394525.00N/1044253.00W	Y	FB	CF	218.03	4.05			
YORVT	394523.80N/1044558.58W	Y	FB	TF	269.54	2.39	AT/ABOVE 8000		

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**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>
CONNR		FIVE		CONNR5.CONNR		FOUR		06/22/2017	13 SEP 2018
<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>
HURDL	394525.53N/1045410.02W	Y	FB	TF	270.30	6.32	AT/BELOW 10000		
HAWPE	394619.01N/1050038.49W	Y	FB	TF	280.15	5.07			
TUNNN	394746.58N/1051215.49W	Y	FB	TF	279.31	9.07			
TAVRN	394653.35N/1051624.44W	Y	FB	TF	254.53	3.32	AT/ABOVE 12000		
VONNN	394451.26N/1052602.41W	Y	FB	TF	254.74	7.70	AT/ABOVE 14000		
TEEBO	394312.65N/1053338.90W	Y	FB	TF	254.41	6.09	AT/ABOVE 16000		
CONNR	394156.63N/1053956.80W	Y	FB	TF	255.44	5.02			
RW25 (AER)	395026.37N/1044102.17W	N	-	-	-	-	CG 400 FT/NM TO 5934, THEN CG 270 FT PER NM TO 16500		
5934 MSL	-	-	-	VA	270.51	-			
WRIPS	395017.94N/1045406.32W	Y	FB	DF	-	-	AT/BELOW 10000		
MYALE	395016.16N/1050044.94W	Y	FB	TF	269.70	5.12			
TUNNN	394746.58N/1051215.49W	Y	FB	TF	254.37	9.21			
TAVRN	394653.35N/1051624.44W	Y	FB	TF	254.53	3.32	AT/ABOVE 12000		
VONNN	394451.26N/1052602.41W	Y	FB	TF	254.74	7.70	AT/ABOVE 14000		
TEEBO	394312.65N/1053338.90W	Y	FB	TF	254.41	6.09	AT/ABOVE 16000		
CONNR	394156.63N/1053956.80W	Y	FB	TF	255.44	5.02			
RW34L (AER)	395106.79N/1044147.72W	N	-	-	-	-	CG 400 FT/NM TO 5934, THEN CG 250 FT PER NM TO 16500		
5934 MSL	-	-	-	VA	000.51	-			
YOBUB	395141.63N/1045406.24W	Y	FB	DF	-	-	AT/BELOW 10000	LEFT TURN	
MYALE	395016.16N/1050044.94W	Y	FB	TF	254.49	5.31			

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**FEDERAL AVIATION ADMINISTRATION
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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>
CONNR		FIVE		CONNR5.CONNR		FOUR		06/22/2017	13 SEP 2018
<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>
TUNNN	394746.58N/1051215.49W	Y	FB	TF	254.37	9.21			
TAVRN	394653.35N/1051624.44W	Y	FB	TF	254.53	3.32	AT/ABOVE 12000		
VONNN	394451.26N/1052602.41W	Y	FB	TF	254.74	7.70	AT/ABOVE 14000		
TEEBO	394312.65N/1053338.90W	Y	FB	TF	254.41	6.09	AT/ABOVE 16000		
CONNR	394156.63N/1053956.80W	Y	FB	TF	255.44	5.02			
RW34R (AER)	395150.77N/1044113.88W	N	-	-	-	-	CG 400 FT/NM TO 5934, THEN CG 250 FT PER NM TO 16500		
5934 MSL	-	-	-	VA	000.51	-			
YOBUB	395141.63N/1045406.24W	Y	FB	DF	-	-	AT/BELOW 10000		LEFT TURN
MYALE	395016.16N/1050044.94W	Y	FB	TF	254.49	5.31			
TUNNN	394746.58N/1051215.49W	Y	FB	TF	254.37	9.21			
TAVRN	394653.35N/1051624.44W	Y	FB	TF	254.53	3.32	AT/ABOVE 12000		
VONNN	394451.26N/1052602.41W	Y	FB	TF	254.74	7.70	AT/ABOVE 14000		
TEEBO	394312.65N/1053338.90W	Y	FB	TF	254.41	6.09	AT/ABOVE 16000		
CONNR	394156.63N/1053956.80W	Y	FB	TF	255.44	5.02			
RW35L (AER)	394941.93N/1043937.98W	N	-	-	-	-	CG 400 FT/NM TO 5934, THEN CG 250 FT PER NM TO 16500		
5934 MSL	-	-	-	VA	000.53	-			
YOBUB	395141.63N/1045406.24W	Y	FB	DF	-	-	AT/BELOW 10000		
MYALE	395016.16N/1050044.94W	Y	FB	TF	254.49	5.31			
TUNNN	394746.58N/1051215.49W	T	FB	TF	254.37	9.21			
TAVRN	394653.35N/1051624.44W	T	FB	TF	254.53	3.32	AT/ABOVE 12000		

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

DP NAME				NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED		EFFECTIVE DATE	
CONNRR				FIVE		CONNRR5.CONNRR		FOUR		06/22/2017		13 SEP 2018	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS				
VONNN	394451.26N/1052602.41W	Y	FB	TF	254.74	7.70	AT/ABOVE 14000						
TEEBO	394312.65N/1053338.90W	Y	FB	TF	254.41	6.09	AT/ABOVE 16000						
CONNRR	394156.63N/1053956.80W	Y	FB	TF	255.44	5.02							
RW35R (AER)	394955.27N/1043830.16W	N	-	-	-	-	CG 400 FT/NM TO 5934, THEN CG 250 FT PER NM TO 16500						
5934 MSL	-	-	-	VA	000.54	-							
YOBUB	395141.63N/1045406.24W	Y	FB	DF	-	-	AT/BELOW 10000						
MYALE	395016.16N/1050044.94W	Y	FB	TF	254.49	5.31							
TUNNN	394746.58N/1051215.49W	Y	FB	TF	254.37	9.21							
TAVRN	394653.35N/1051624.44W	Y	FB	TF	254.53	3.32	AT/ABOVE 12000						
VONNN	394451.26N/1052602.41W	Y	FB	TF	254.74	7.70	AT/ABOVE 14000						
TEEBO	394312.65N/1053338.90W	Y	FB	TF	254.41	6.09	AT/ABOVE 16000						
CONNRR	394156.63N/1053956.80W	Y	FB	TF	255.44	5.02							
CONNRR	394156.63N/1053956.80W	Y	-	IF	-	-							
BULDG	393734.70N/1061849.50W	Y	FB	TF	261.94	30.34							
DBL VOR/DME	392621.64N/1065340.85W	Y	FB	TF	247.62	29.20							
CENTENNIAL	(KAPA)												
RW17L (AER)	393502.91N/1045105.31W	N	-	-	-	-	CG 255 FT/NM TO 8000, THEN CG 270 FT PER NM TO 16500						
6400 MSL	-	-	-	VA	177.95	-							
	-	-	-	VM	177.95	-							

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

DP NAME							NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
CONNR							FIVE	CONNR5.CONNR	FOUR	06/22/2017	13 SEP 2018
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)		ALTITUDE	SPEED		REMARKS
CONNR	394156.63N/1053956.80W	Y	FB	DF	-	-					
RW17R (AER)	393444.35N/1045113.39W	N	-	-	-	-					CG 370 FT/NM TO 8000 THEN CG 270 FT PER NM TO 16500
6400 MSL	-	-	-	VA	177.95	-					
	-	-	-	VM	177.95	-					
CONNR	394156.63N/1053956.80W	Y	FB	DF	-	-					
RW35L (AER)	393335.23N/1045110.19W	N	-	-	-	-					CG 320 FT PER NM TO 16500
6400 MSL	-	-	-	VA	357.95	-					
	-	-	-	VM	357.95	-					
CONNR	394156.63N/1053956.80W	Y	FB	DF	-	-					
RW35R (AER)	393324.15N/1045100.76W	N	-	-	-	-					CG 320 FT PER NM TO 16500
6400 MSL	-	-	-	VA	357.95	-					
	-	-	-	VM	357.95	-					
CONNR	394156.63N/1053956.80W	Y	FB	DF	-	-					
CONNR	394156.63N/1053956.80W	Y	-	IF	-	-					
BULDG	393734.70N/1061849.50W	Y	FB	TF	261.94	30.34					
DBL VOR/DME	392621.64N/1065340.85W	Y	FB	TF	247.62	29.20					

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

DP NAME		NUMBER	DP COMPUTER CODE		SUPERSEDED NUMBER		DATED	EFFECTIVE DATE	
CONNR		FIVE	CONNR5.CONNR		FOUR		06/22/2017	13 SEP 2018	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
ROCKY MOUNTAIN METROPOLITAN		(KBJC)							
CONNR	394156.63N/1053956.80W	Y	-	IF	-	-			
BULDG	393734.70N/1061849.50W	Y	FB	TF	261.94	30.34			
DBL VOR/DME	392621.64N/1065340.85W	Y	FB	TF	247.62	29.20			
NOTHERN COLORADO RGNL		(KFNL)							
CONNR	394156.63N/1053956.80W	Y	-	IF	-	-			
BULDG	393734.70N/1061849.50W	Y	FB	TF	261.94	30.34			
DBL VOR/DME	392621.64N/1065340.85W	Y	FB	TF	247.62	29.20			
FRONT RANGE		(KFTG)							
RW08 (AER)	394738.42N/1043354.88W	N	-	-	-	-			
6020 MSL	-	-	-	VA	091.15	-			
	-	-	-	VM	091.15				
CONNR	394156.63N/1053956.80W	Y	-	DF	-	-			
RW17 (AER)	394708.14N/1043127.25W	N	-	-	-	-			
6020 MSL	-	-	-	VA	179.99	-			
	-	-	-	VM	179.99	-			
CONNR	394156.63N/1053956.80W	Y	-	DF	-	-			

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

DP NAME							NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
CONNR							FIVE	CONNR5.CONNR	FOUR	06/22/2017	13 SEP 2018
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS		
RW26 (AER)	394736.82N/1043212.42W	N	-	-	-	-					
6020 MSL	-	-	-	VA	271.17	-					
	-	-	-	VA	271.17	-					
CONNR	394156.63N/1053956.80W	Y	FB	DF	-	-					
RW35 (AER)	394549.10N/1043127.23W	N	-	-	-	-					
6020 MSL	-	-	-	VA	359.99	-					
	-	-	-	VM	359.99	-					
CONNR	394156.63N/1053956.80W	Y	FB	DF	-	-					
CONNR	394156.63N/1053956.80W	Y	-	IF	-	-					
BULDG	393734.70N/1061849.50W	Y	FB	TF	261.94	30.34					
DBL VOR/DME	392621.64N/1065340.85W	Y	FB	TF	247.62	29.20					

