

**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SUPERSEDED NUMBER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>
EXTAN	FIVE	EXTAN5.SHAYK	FOUR	11/13/2014	13 SEP 2018
<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 HEADING 082.53 TO INTERCEPT COURSE 105.56 TO CROSS KIDNG AT OR BELOW 10000, THEN ON TRACK 083.54 TO KMBEL, THEN ON TRACK 090.29 TO BHIGH, THEN ON TRACK 089.85 TO CROSS MMESA AT OR ABOVE 14000, THENCE ...

TAKEOFF RWY 16L: CLIMB HEADING 172.51 TO INTERCEPT COURSE 117.93 TO CROSS GISTT AT OR ABOVE 7000, THEN ON TRACK 081.07 TO CROSS BGONE AT OR BELOW 10000, THEN ON TRACK 082.43 TO OLDDD, THEN ON TRACK 082.62 TO CROSS MMESA AT OR ABOVE 14000, THENCE ...

TAKEOFF RWY 16R: CLIMB HEADING 172.51 TO INTERCEPT COURSE 117.93 TO CROSS GISTT AT OR ABOVE 7000, THEN ON TRACK 081.07 TO CROSS BGONE AT OR BELOW 10000, THEN ON TRACK 082.43 TO OLDDD, THEN ON TRACK 082.62 TO CROSS MMESA AT OR ABOVE 14000, THENCE ...

TAKEOFF RWY 17L: CLIMB HEADING 172.54 TO INTERCEPT COURSE 127.46 TO CROSS GISTT AT OR ABOVE 7000, THEN ON TRACK 081.07 TO CROSS BGONE AT OR BELOW 10000, THEN ON TRACK 082.43 TO OLDDD, THEN ON TRACK 082.62 TO CROSS MMESA AT OR ABOVE 14000, THENCE ...

TAKEOFF RWY 17R: CLIMB HEADING 172.53 TO INTERCEPT COURSE 117.95 TO CROSS GISTT AT OR ABOVE 7000, THEN ON TRACK 081.07 TO CROSS BGONE AT OR BELOW 10000, THEN ON TRACK 082.43 TO OLDDD. THEN ON TRACK 082.62 TO CROSS MMESA AT OR ABOVE 14000, THENCE ...

TAKEOFF RWY 25: CLIMB HEADING 262.51 TO 5934, THEN CONTINUE CLIMB HEADING 262.51 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO EXTAN, THENCE ...

TAKEOFF RWY 34L: CLIMB HEADING 352.51 TO 5934, THEN CLIMBING RIGHT TURN DIRECT TO CROSS KIDNG AT OR BELOW 10000, THEN ON TRACK 083.54 TO KMBEL, THEN ON TRACK 090.29 TO BHIGH, THEN ON TRACK 089.85 TO CROSS MMESA AT OR ABOVE 14000, THENCE ...

TAKEOFF RWY 34R: CLIMB HEADING 352.51 TO 5934, THEN CLIMBING RIGHT TURN DIRECT TO CROSS KIDNG AT OR BELOW 10000, THEN ON TRACK 083.54 TO KMBEL, THEN ON TRACK 090.29 TO BHIGH, THEN ON TRACK 089.85 TO CROSS MMESA AT OR ABOVE 14000, THENCE ...

TAKEOFF RWY 35L: CLIMB HEADING 352.53 TO 5934, THEN CLIMBING RIGHT TURN DIRECT TO CROSS KIDNG AT OR BELOW 10000, THEN ON TRACK 083.54 TO KMBEL, THEN ON TRACK 090.29 TO BHIGH, THEN ON TRACK 089.85 TO CROSS MMESA AT OR ABOVE 14000, THENCE ...

TAKEOFF RWY 35R: CLIMB HEADING 352.54 TO 5934, THEN CLIMBING RIGHT TURN DIRECT TO CROSS KIDNG AT OR BELOW 10000, THEN ON TRACK 083.54 TO KMBEL, THEN ON TRACK 090.29 TO BHIGH, THEN ON TRACK 089.85 TO CROSS MMESA AT OR ABOVE 14000, THENCE ...

... ON DEPICTED ROUTE TO SHAYK, MAINTAIN FL230 OR FILED LOWER ALTITUDE, EXPECT HIGHER FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

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 EXTAN, THEN ON DEPICTED ROUTE TO SHAYK. MAINTAIN FL230 OR FILED LOWER ALTITUDE, EXPECT HIGHER FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

ROCKY MOUNTAIN METROPOLITAN:



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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 EXTAN, THEN ON DEPICTED ROUTE TO SHAYK. MAINTAIN FL230 OR FILED LOWER ALTITUDE, EXPECT HIGHER FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

NORTHERN COLORADO RGNL:

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 EXTAN, THEN ON DEPICTED ROUTE TO SHAYK. 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 EXTAN, THEN ON DEPICTED ROUTE TO SHAYK. 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 8, 16L, 16R, 17L, 17R, 34L, 34R, 35L, 35R - RADAR REQUIRED FOR NON GPS EQUIPPED AIRCRAFT.

NOTE: DENVER INTL AIRPORT- RWY 25 DEPARTURES- RADAR REQUIRED.

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

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.

NOTE: FOR NON GPS EQUIPPED AIRCRAFT TXC DME MUST BE OPERATIONAL.

TAKEOFF MINIMUMS:

DENVER INTL:

RWY 7, 26: NA- ATC.

RWY 8: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 5934 THEN MINIMUM CLIMB OF 260 FT PER NM TO 14000.

RWY 16L: STANDARD WITH MINIMUM CLIMB OF 245 FT PER NM TO 14000.

RWY16R: STANDARD WITH MINIMUM CLIMB OF 450 FT PER NM TO 5934 THEN MINIMUM CLIMB OF 225 FT PER NM TO 14000.

RWY 17L: STANDARD WITH MINIMUM CLIMB OF 465 FT PER NM TO 5934 THEN MINIMUM CLIMB OF 280 FT PER NM TO 14000.

RWY 17R: STANDARD WITH MINIMUM CLIMB OF 465 FT PER NM TO 5934 THEN MINIMUM CLIMB OF 250 FT PER NM TO 14000.



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RWY 25: STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 5934.

RWY 34L: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 5934 THEN MINIMUM CLIMB OF 220 FT PER NM TO 14000.

RWY 34R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 5934 THEN MINIMUM CLIMB OF 230 FT PER NM TO 14000.

RWY 35L: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 5934 THEN MINIMUM CLIMB OF 240 FT PER NM TO 14000.

RWY 35R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 5934 THEN MINIMUM CLIMB OF 240 FT PER NM TO 14000.

CENTENNIAL:

RWY 10, 28: NA - ATC.

RWY 35L, 35R: STANDARD.

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

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

ROCKY MOUNTAIN METROPOLITAN:

RWY 3, 21: NA - ATC

RWY 12L, 12R, 30L, 30R: STANDARD.

NORTHERN COLORADO RGNL:

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).

CONTROLLING OBSTACLES:

CENTENNIAL:

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 ASSESSMENT: SAT (RNP 2.0).

ALL AIRPORTS - CHART: TOP ALTITUDE: FL230.



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PILOT NAVIGATION AREA:

10 NM ARC CENTERED ON EXTAN (IF), CW
FROM: POINT A (BEARING 043 DEGREES TO EXTAN)
TO: POINT B (BEARING 132 DEGREES TO EXTAN)
MINIMUM ALTITUDE - 14000

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
FRONT RANGE (KFTG)	DENVER	CO

COMMUNICATIONS:

DENVER INTL: 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 RGN: DEN DEP CON
FRONT RANGE: ATIS, CLNC DEL, DEN DEP CON, DEN CLNC DEL (WHEN TOWER CLOSED)

FIXES AND/OR NAVAIDS:**REMARKS:**

ABBREVIATED AMENDMENT

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

DENVER INTL CLIMB GRADIENTS ARE FOR FMS ENGAGEMENT AT SPECIFIC LOCATIONS AND FOR WP CROSSING RESTRICTIONS.

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.

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



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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 **DONALD H LANIER**
(TARA N. MARTINELLI) 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:

<u>A4A</u>	<u>ALPA</u>	<u>AOPA</u>	<u>APA</u>	<u>HAI</u>	<u>NBAA</u>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER:

ZDV, BJC ATCT, DEN APP CON, CO AERO MGR, APT MGR'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 REPLACE 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. ADDITIONAL FLIGHT DATA BLOCK: PNA PT A/B BEARINGS MODIFIED TO ENSURE MAXIMUM INTERCEPT ANGLE RELATIVE TO RECIPROCAL OF RNAV COURSE OUTBOUND FROM THE IDF PER THE 8260.53, 6.2.3. AND TO MATCH FORMAT IN 8260.46F, APPENDIX E, SECTION 1, #10 F
5. COMMUNICATIONS BLOCK: MATCHED AND/OR STANDERDIZED TO CURRENT FREQUENCIES ON PUBLISHED TPP - COORDINATED/VERIFIED WITH FPT/ATC.
6. REMARKS BLOCK: WAIVER INFORMATION ADDED IN REFERENCE TO NAMING CONVENTION IAW FAAO 8260.46F.
7. COORDINATED WITH BLOCK: ADDED A4A - AIRPORTS ARE SERVICED BY SCHEDULED AIRLINES.
8. OTHER BLOCK: REMOVED ATA - REPLACED BY A4A IN COORDINATED WITH BLOCK.

QUALITY
8
CHECKED

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EXTAN							FIVE	EXTAN5.SHAYK	FOUR	11/13/2014	13 SEP 2018
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 500 FT PER NM TO 5934 THEN CG 260 FT PER NM TO 14000	
	395237.36N/1043530.40W	-	-	VI	090.53	3.25				RECOMMENDED NAVAID: DENVER VOR/DME.	
KIDNG	394837.67N/1042339.58W	Y	FB	CF	113.56	9.96	AT/BELOW 10000				
KMBEL	394832.93N/1041954.44W	Y	FB	TF	091.54	2.89					
BHIGH	394717.15N/1040845.34W	Y	FB	TF	098.29	8.69					
MMESA	394553.28N/1035543.50W	Y	FB	TF	097.85	10.14	AT/ABOVE 14000				
FALUJ	394524.52N/1035153.08W	Y	FB	TF	099.17	3.00					
EXTAN	394435.96N/1034526.05W	Y	FB	TF	099.20	5.04					
RW16L (AER)	395349.33N/1044112.50W	N	-	-	-	-				CG 245 FT PER NM TO 14000	
	394927.09N/1044115.54W	-	-	VI	180.51	4.37				RECOMMENDED NAVAID: DENVER VOR/DME.	
GISTT	394557.50N/1043501.10W	Y	FB	CF	125.93	5.94	AT/ABOVE 7000				
BGONE	394606.21N/1042232.94W	Y	FB	TF	089.07	9.62	AT/BELOW 10000				
OLDDD	394600.62N/1040849.64W	Y	FB	TF	090.43	10.58					
MMESA	394553.28N/1035543.50W	Y	FB	TF	090.62	10.10	AT/ABOVE 14000				
FALUJ	394524.52N/1035153.08W	Y	FB	TF	099.17	3.00					
EXTAN	394435.96N/1034526.05W	Y	FB	TF	099.20	5.04					
RW16R (AER)	395344.87N/1044145.90W	N	-	-	-	-				CG 450 FT PER NM 5934 THEN CG 225 FT PER NM TO 14000	
	394945.61N/1044148.66W	-	-	VI	180.51	3.98				RECOMMENDED NAVAID: DENVER VOR/DME.	
GISTT	394557.50N/1043501.10W	Y	FB	CF	125.93	6.47	AT/ABOVE 7000				

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BGONE	394606.21N/1042232.94W	Y	FB	TF	089.07	9.62	AT/BELOW 10000				
OLDDD	394600.62N/1040849.64W	Y	FB	TF	090.43	10.58					
MMESA	394553.28N/1035543.50W	Y	FB	TF	090.62	10.10	AT/ABOVE 14000				
FALUJ	394524.52N/1035153.08W	Y	FB	TF	099.17	3.00					
EXTAN	394435.96N/1034526.05W	Y	FB	TF	099.20	5.04					
RW17L (AER)	395153.83N/1043828.70W	N	-	-	-	-				CG 465 FT PER NM TO 5934 THEN CG 280 FT PER NM TO 14000	
	394842.01N/1043831.06W	-	-	VI	180.54	3.19				RECOMMENDED NAVAID: DENVER VOR/DME.	
GISTT	394557.50N/1043501.10W	Y	FB	CF	135.46	3.84	AT/ABOVE 7000				
BGONE	394606.21N/1042232.94W	Y	FB	TF	089.07	9.62	AT/BELOW 10000				
OLDDD	394600.62N/1040849.64W	Y	FB	TF	090.43	10.58					
MMESA	394553.28N/1035543.50W	Y	FB	TF	090.62	10.10	AT/ABOVE 14000				
FALUJ	394524.52N/1035153.08W	Y	FB	TF	099.17	3.00					
EXTAN	394435.96N/1034526.05W	Y	FB	TF	099.20	5.04					
RW17R (AER)	395140.48N/1043936.56W	N	-	-	-	-				CG 465 FT PER NM TO 5934 THEN CG 250 FT PER NM TO 14000	
	394833.02N/1043938.81W	-	-	VI	180.53	3.12				RECOMMENDED NAVAID: DENVER VOR/DME.	
GISTT	394557.50N/1043501.10W	Y	FB	CF	125.95	4.41	AT/ABOVE 7000				
BGONE	394606.21N/1042232.94W	Y	FB	TF	089.07	9.62	AT/BELOW 10000				
OLDDD	394600.62N/1040849.64W	Y	FB	TF	090.43	10.58					
MMESA	394553.28N/1035543.50W	Y	FB	TF	090.62	10.10	AT/ABOVE 14000				
FALUJ	394524.52N/1035153.08W	Y	FB	TF	099.17	3.00					

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EXTAN	394435.96N/1034526.05W	Y	FB	TF	099.20	5.04					
RW25 (AER)	395026.37N/1044102.17W	N	-	-	-	-				CG 400 FT PER NM TO 5934	
5934 MSL	-	-	-	VA	270.51	-					
	-	-	-	VM	270.51	-					
EXTAN	394435.96N/1034526.05W	Y	FB	DF	-	-				LEFT TURN	
RW34L (AER)	395106.79N/1044147.72W	N	-	-	-	-				CG 500 FT PER NM TO 5934 THEN 220 FT PER NM TO 14000	
5934 MSL	-	-	-	VA	000.51	-					
KIDNG	394837.67N/1042339.58W	Y	FB	DF	-	-	AT/BELOW 10000				
KMBEL	394832.93N/1041954.44W	Y	FB	TF	091.54	2.89					
BHIGH	394717.15N/1040845.34W	Y	FB	TF	098.29	8.69					
MMESA	394553.28N/1035543.50W	Y	FB	TF	097.85	10.14	AT/ABOVE 14000				
FALUJ	394524.52N/1035153.08W	Y	FB	TF	099.17	3.00					
EXTAN	394435.96N/1034526.05W	Y	FB	TF	099.20	5.04					
RW34R (AER)	395150.77N/1044113.88W	N	-	-	-	-				CG 500 FT PER NM TO 5934 THEN 230 FT PER NM TO 14000	
5934 MSL	-	-	-	VA	000.51	-					
KIDNG	394837.67N/1042339.58W	Y	FB	DF	-	-	AT/BELOW 10000				
KMBEL	394832.93N/1041954.44W	Y	FB	TF	091.54	2.89					
BHIGH	394717.15N/1040845.34W	Y	FB	TF	098.29	8.69					
MMESA	394553.28N/1035543.50W	Y	FB	TF	097.85	10.14	AT/ABOVE 14000				
FALUJ	394524.52N/1035153.08W	Y	FB	TF	099.17	3.00					

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

DP NAME							NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
EXTAN							FIVE	EXTAN5.SHAYK	FOUR	11/13/2014	13 SEP 2018
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED		REMARKS	
EXTAN	394435.96N/1034526.05W	Y	FB	TF	099.20	5.04					
RW35L (AER)	394941.93N/1043937.98W	N	-	-	-	-				CG 500 FT PER NM TO 5934 THEN 240 FT PER NM TO 14000	
5934 MSL	-	-	-	VA	000.53	-					
KIDNG	394837.67N/1042339.58W	Y	FB	DF	-	-	AT/BELOW 10000				
KMBEL	394832.93N/1041954.44W	Y	FB	TF	091.54	2.89					
BHIGH	394717.15N/1040845.34W	Y	FB	TF	098.29	8.69					
MMESA	394553.28N/1035543.50W	Y	FB	TF	097.85	10.14	AT/ABOVE 14000				
FALUJ	394524.52N/1035153.08W	Y	FB	TF	099.17	3.00					
EXTAN	394435.96N/1034526.05W	Y	FB	TF	099.20	5.04					
RW35R (AER)	394955.27N/1043830.16W	N	-	-	-	-				CG 500 FT PER NM TO 5934 THEN 240 FT PER NM TO 14000	
5934 MSL	-	-	-	VA	000.54						
KIDNG	394837.67N/1042339.58W	Y	FB	DF	-	-	AT/BELOW 10000				
KMBEL	394832.93N/1041954.44W	Y	FB	TF	091.54	2.89					
BHIGH	394717.15N/1040845.34W	Y	FB	TF	098.29	8.69					
MMESA	394553.28N/1035543.50W	Y	FB	TF	097.85	10.14	AT/ABOVE 14000				
FALUJ	394524.52N/1035153.08W	Y	FB	TF	099.17	3.00					
EXTAN	394435.96N/1034526.05W	Y	FB	TF	099.20	5.04					
EXTAN	394435.96N/1034526.05W	Y	-	IF	-	-					
CABET	393538.96N/1020038.70W	Y	FB	TF	095.75	81.41					
SHAYK	393243.98N/1012434.30W	Y	FB	TF	095.77	28.05					

QUALITY 8

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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>
EXTAN		FIVE		EXTAN5.SHAYK		FOUR		11/13/2014	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>
CENTENNIAL (KAPA)									
RW17L (AER)	393502.91N/1045105.31W	N	-	-	-	-			CG 255 FT PER NM TO 8000
6400 MSL	-	-	-	VA	177.95	-			
	-	-	-	VM	177.95	-			
EXTAN	394435.96N/1034526.05W	Y	FB	DF	-	-			
RW17R (AER)									
RW17R (AER)	393444.35N/1045113.39W	N	-	-	-	-			CG 370 FT PER NM TO 8000
6400 MSL	-	-	-	VA	177.95	-			
	-	-	-	VM	177.95	-			
EXTAN	394435.96N/1034526.05W	Y	FB	DF	-	-			
RW35L (AER)									
RW35L (AER)	393335.23N/1045110.19W	N	-	-	-	-			
6400 MSL	-	-	-	VA	357.95	-			
	-	-	-	VM	357.95	-			
EXTAN	394435.96N/1034526.05W	Y	FB	DF	-	-			
RW35R (AER)									
RW35R (AER)	393324.15N/1045100.74W	N	-	-	-	-			
6400 MSL	-	-	-	VA	357.95	-			
	-	-	-	VM	357.95	-			
EXTAN	394435.96N/1034526.05W	Y	FB	DF	-	-			

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

DP NAME							NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
EXTAN							FIVE	EXTAN5.SHAYK	FOUR	11/13/2014	13 SEP 2018
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS		
EXTAN	394435.96N/1034526.05W	Y	-	IF	-	-					
CABET	393538.96N/1020038.70W	Y	FB	TF	095.75	81.41					
SHAYK	393243.98N/1012434.30W	Y	FB	TF	095.77	28.05					
ROCKY MOUNTAIN METROPOLITAN		(KBJC)									
EXTAN	394435.96N/1034526.05W	Y	-	IF	-	-					
CABET	393538.96N/1020038.70W	Y	FB	TF	095.75	81.41					
SHAYK	393243.98N/1012434.30W	Y	FB	TF	095.77	28.05					
NORTHERN COLORADO RGNL		(KFNL)									
EXTAN	394435.96N/1034526.05W	Y	-	IF	-	-					
CABET	393538.96N/1020038.70W	Y	FB	TF	095.75	81.41					
SHAYK	393243.98N/1012434.30W	Y	FB	TF	095.77	28.05					
FRONT RANGE		(KFTG)									
RW08 (AER)	394738.42N/1043354.88W	N	-	-	-	-					
6020 MSL	-	-	-	VA	091.15	-					
	-	-	-	VM	091.15	-					
EXTAN	394435.96N/1034526.05W	Y	FB	DF	-	-					
RW17 (AER)	394708.14N/1043127.25W	N	-	-	-	-					
6020 MSL	-	-	-	VA	179.99	-					

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

DP NAME							NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
EXTAN							FIVE	EXTAN5.SHAYK	FOUR	11/13/2014	13 SEP 2018
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS		
	-	-	-	VM	179.99	-					
EXTAN	394435.96N/1034526.05W	Y	FB	DF	-	-					
RW26 (AER)	394736.82N/1043212.42W	N	-	-	-	-					
6020 MSL	-	-	-	VA	271.17	-					
	-	-	-	VM	271.17	-					
EXTAN	394435.96N/1034526.05W	Y	FB	DF	-	-					
RW35 (AER)	394549.10N/1043127.23W	N	-	-	-	-					
6020 MSL	-	-	-	VA	359.99	-					
		-	-	VM	359.99	-					
EXTAN	394435.96N/1034526.05W	Y	FB	DF	-	-					
EXTAN	394435.96N/1034526.05W	Y	-	IF	-	-					
CABET	393538.96N/1020038.70W	Y	FB	TF	095.75	81.41					
SHAYK	393243.98N/1012434.30W	Y	FB	TF	095.77	28.05					

QUALITY
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