

**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SUPERSEDED NUMBER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>
RIKKK	FOUR	RIKKK4.FISAR	THREE	11/13/2014	13 SEP 18
<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: **THIS IS A CORRECTED COPY OF THE PROCEDURE PREVIOUSLY PUBLISHED IN NFDD 137 AND 154**
DENVER INTL:

TAKEOFF RWY 8: CLIMB HEADING 082.53 TO INTERCEPT COURSE 065.90 TO CROSS LASSS AT OR BELOW 10000, THEN ON TRACK 024.35 TO SPYCE, THEN ON TRACK 353.50 TO TURBN, THEN ON TRACK 315.84 TO CROSS CHICN AT OR ABOVE 14000, THEN ON TRACK 316.57 TO CROSS FAARM AT OR ABOVE 16000, THEN ON TRACK 331.57 TO RIKKK. THENCE ...

TAKEOFF RWY 16L: CLIMB HEADING 172.51 TO 5934, THEN RIGHT TURN DIRECT TO CROSS MUGBE AT OR BELOW 10000, THEN ON TRACK 319.96 TO WAZEE, THEN ON TRACK 354.86 TO LODOE, THEN ON TRACK 029.62 TO CROSS RINKR AT OR ABOVE 14000, THEN ON TRACK 001.30 TO CROSS HERDR AT OR ABOVE 16000, THEN ON TRACK 347.46 TO RIKKK. THENCE ...

TAKEOFF RWY 16R: CLIMB HEADING 172.51 TO 5934, THEN RIGHT TURN DIRECT TO CROSS MUGBE AT OR BELOW 10000, THEN ON TRACK 319.96 TO WAZEE, THEN ON TRACK 354.86 TO LODOE, THEN ON TRACK 029.62 TO CROSS RINKR AT OR ABOVE 14000, THEN ON TRACK 001.30 TO CROSS HERDR AT OR ABOVE 16000, THEN ON TRACK 347.46 TO RIKKK. THENCE ...

TAKEOFF RWY 17L: CLIMB HEADING 172.54 TO INTERCEPT COURSE 125.33 TO CROSS GISTT AT OR ABOVE 7000, THEN ON TRACK 065.00 TO CROSS KIDNG AT OR BELOW 10000, THEN ON TRACK 355.43 TO SPYCE. THEN ON TRACK 353.50 TO TURBN. THEN ON TRACK 315.84 TO CROSS CHICN AT OR ABOVE 14000. THEN ON TRACK 316.57 TO CROSS FAARM AT OR ABOVE 16000, THEN ON TRACK 331.57 TO RIKKK. THENCE ...

TAKEOFF RWY 17R: CLIMB HEADING 172.53 TO INTERCEPT COURSE 118.45 TO CROSS GISTT AT OR ABOVE 7000, THEN ON TRACK 065.00 TO CROSS KIDNG AT OR BELOW 10000, THEN ON TRACK 355.43 TO SPYCE, THEN ON TRACK 353.50 TO TURBN. THEN ON TRACK 315.84 TO CROSS CHICN AT OR ABOVE 14000, THEN ON TRACK 316.57 TO CROSS FAARM AT OR ABOVE 16000, THEN ON TRACK 331.57 TO RIKKK. THENCE ...

TAKEOFF RWY 25: CLIMB HEADING 262.51 TO INTERCEPT COURSE 293.70 TO CROSS MUGBE AT OR BELOW 10000, THEN ON TRACK 319.96 TO WAZEE, THEN ON TRACK 354.86 TO LODOE, THEN ON TRACK 029.62 TO CROSS RINKR AT OR ABOVE 14000, THEN ON TRACK 001.30 TO CROSS HERDR AT OR ABOVE 16000, THEN ON TRACK 347.46 TO RIKKK. THENCE ...

TAKEOFF RWY 34L: CLIMB HEADING 352.51 TO INTERCEPT COURSE 004.97 TO CROSS CAAZZ AT OR BELOW 10000, THEN ON TRACK 340.59 TO CROSS BNITA AT OR ABOVE 12000, THEN ON TRACK 340.63 TO CROSS SWYCH AT OR ABOVE 16000, THEN ON TRACK 340.59 TO RIKKK. THENCE ...

TAKEOFF RWY 34R: CLIMB HEADING 352.51 TO INTERCEPT COURSE 001.98 TO CROSS CAAZZ AT OR BELOW 10000, THEN ON TRACK 340.59 TO CROSS BNITA AT OR ABOVE 12000, THEN ON TRACK 340.63 TO CROSS SWYCH AT OR ABOVE 16000, THEN ON TRACK 340.59 TO RIKKK. THENCE ...

TAKEOFF RWY 35L: CLIMB HEADING 352.53 TO 5934, THEN LEFT TURN DIRECT CAAZZ AT OR BELOW 10000, THEN ON TRACK 340.59 TO CROSS BNITA AT OR ABOVE 12000, THEN ON TRACK 340.63 TO CROSS SWYCH AT OR ABOVE 16000, THEN ON TRACK 340.59 TO RIKKK. THENCE ...

TAKEOFF RWY 35R: CLIMB HEADING 352.54 TO 5934, THEN LEFT TURN DIRECT CAAZZ AT OR BELOW 10000, THEN ON TRACK 340.59 TO CROSS BNITA AT OR ABOVE 12000, THEN ON TRACK 340.63 TO CROSS SWYCH AT OR ABOVE 16000, THEN ON TRACK 340.59 TO RIKKK. THENCE ...

... THEN ON DEPICTED ROUTE TO FISAR. 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 RIKKK, THEN AS DEPICTED. MAINTAIN FL230 OR FILED LOWER ALTITUDE, EXPECT HIGHER FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

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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 RIKKK, THEN AS DEPICTED. MAINTAIN FL230 OR FILED LOWER ALTITUDE, EXPECT HIGHER 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 RIKKK, THEN AS DEPICTED. 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 RIKKK, THEN AS DEPICTED. 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: 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: DENVER INTL AIRPORT-TAKEOFF RWY 8, 16L, 16R, 17L, 17R, 25, 34L, 34R, 35L, 35R - RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT.

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

TAKEOFF MINIMUMS:

DENVER INTL:

RWYS 7, 26: - NA: ATC.

RWY 8: STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 8000, THEN 285 FT PER NM TO 15000.

RWY 16L: STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 7000, THEN 260 FT PER NM TO 16000.

RWY 16R: STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 7000, THEN 260 FT PER NM TO 16000.



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RWY 17L: STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 7000, THEN 220 FT PER NM TO 15000.
RWY 17R: STANDARD WITH MINIMUM CLIMB OF 455 FT PER NM TO 6500, THEN 220 FT PER NM TO 15000.
RWY 25: STANDARD WITH MINIMUM CLIMB OF 425 FT PER NM TO 8000, THEN 270 FT PER NM TO 16000.
RWY 34L: STANDARD WITH MINIMUM CLIMB OF 425 FT PER NM TO 7000, THEN 260 FT PER NM TO 12000.
RWY 34R: STANDARD WITH MINIMUM CLIMB OF 430 FT PER NM TO 7000, THEN 260 FT PER NM TO 12000.
RWY 35L: STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 7000, THEN 250 FT PER NM TO 12000.
RWY 35R: STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 7000, THEN 250 FT PER NM TO 12000.

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 WITH MINIMUM CLIMB OF 320 FT PER NM TO 12000.

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 LIGHT 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



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DME / DME ASSESSMENT: SAT (RNP 2.0).
ALL AIRPORTS - CHART: TOP ALTITUDE: FL230.

PILOT NAVIGATION AREA: 10 NM ARC CENTERED ON RIKKK (IF), CW
FROM: POINT A (BEARING 287 DEGREES TO RIKKK)
TO: POINT B (BEARING 016 DEGREES TO RIKKK)
MINIMUM ALTITUDE - 12000.

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 INTERNATIONAL AIRPORT: D-ATIS, 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
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, 17R ARE OBSTACLE DRIVEN WITH THE CLIMB TO ALTITUDE DETERMINED BY LOCATION OF 8000 MVA AND PROXIMITY TO HIGHER MVA'S.

NORTHERN COLORADO RGNL CLIMB GRADIENT DRIVEN BY CLOSE PROIMITY TO PNA BOUNDARY.

DENVER INTL CLIMB GRADIENTS ARE FOR FMS ENGAGEMENT AT SPECIFIC LOCATIONS, FOR TRANSITION CROSSING ALTITUDES.

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.

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 BRYCC PNA BOUNDARY 58 NM PER ATC.
KAPA RWY 17L, 17R, 35L, 35R: FLIGHT TRACK DISTANCE TO BRYCC PNA BOUNDARY 75 NM PER ATC.
KFNL RWY 15, 33: FLIGHT TRACK DISTANCE TO BRYCC PNA BOUNDARY 32 NM PER ATC.



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KFTG RWY 8, 26, 17, 35: FLIGHT TRACK DISTANCE TO BRYCC PNA BOUNDARY 64 NM PER ATC.

KDEN RWY 8: FLIGHT TRACK DISTANCE TO BRYCC PNA BOUNDARY 52 NM PER ATC.

FLIGHT INSPECTED BY:

OFFICE SYMBOL:

DATE:

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-333) MEMO, DEC 22, 2017

Digitally signed by

DEVELOPED BY: *Digitally signed by*
LONNIE EVERHART **DONALD H LANIER**
(TARA N. MARTINELLI) Aug 08, 2018

DONALD H LANIER **OFFICE SYMBOL:** **DATE:**
Aug 08, 2018 AJV-5400 04/13/2018

APPROVED BY: *Digitally signed by*
LONNIE EVERHART **DONALD H LANIER**
Aug 08, 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, 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 VECTOR" - 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
9. 8260-15C: UPDATED CENTENNIAL (KAPA) RWY 17L, 17R (AER) LAT/LONG TO MATCH COORDINATES REFLECTED IN AIRNAV.
10. 8260-15C: UPDATED CENTENNIAL (KFTG) RWY 8,17, 26, 35 (AER) LAT/LONG TO MATCH COORDINATES REFLECTED IN AIRNAV.

08/02/18: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 7/11/18.

8260-15B: DENVER INTL TAKEOFF RWY 17L: CHANGED GISTI TO GISTT.

08/08/18: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 8/6/18

REMOVED TAYOT FROM FIXES/AND OR NAVAIDS BLOCK.

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QUALITY
8
CHECKED

**FEDERAL AVIATION ADMINISTRATION
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DEPARTURE (DATA RECORD)**

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RIKKK							FOUR	RIKKK4.FISAR	THREE	11/13/2014	13 SEP 18
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 FT PER NM TO 8000 THEN CG 285 FT PER NM TO 15000	
	395237.17N/1043505.35W	-	-	VI	090.53	3.58					
LASSS	395439.55N/1042553.19W	Y	FB	CF	073.90	7.37	AT/BELOW 10000			RECOMMENDED NAVAID: DENVER VOR/DME	
SPYCE	395816.57N/1042254.52W	Y	FB	TF	032.35	4.28					
TURBN	400321.45N/1042244.14W	Y	FB	TF	001.50	5.08					
CHICN	401131.87N/1043031.80W	Y	FB	TF	323.84	10.12	AT/ABOVE 14000				
FAARM	401828.80N/1043659.40W	Y	FB	TF	324.57	8.53	AT/ABOVE 16000				
RIKKK	404704.36N/1045100.71W	Y	FB	TF	339.57	30.51					
RW16L (AER)	395349.33N/1044112.50W	N	-	-	-	-				CG 400 FT PER NM TO 7000 THEN CG 260 FT PER NM TO 16000	
5934 MSL	-	-	-	VA	180.51	-					
MUGBE	395437.37N/1045408.28W	Y	FB	DF	-	-	AT/BELOW 10000				
WAZEE	395810.17N/1045701.43W	Y	FB	TF	327.96	4.18					
LODOE	400459.71N/1045634.81W	Y	FB	TF	002.86	6.83					
RINKR	401157.47N/1044934.69W	Y	FB	TF	037.62	8.79	AT/ABOVE 14000				
HERDR	401858.94N/1044804.48W	Y	FB	TF	009.30	7.11	AT/ABOVE 16000				
RIKKK	404704.36N/1045100.71W	Y	FB	TF	355.46	28.16					
RW16R (AER)	395344.87N/1044145.90W	N	-	-	-	-				CG 400 FT PER NM TO 7000 THEN CG 260 FT PER NM TO 16000	
5934 MSL	-	-	-	VA	180.51	-					
MUGBE	395437.37N/1045408.28W	Y	FB	DF	-	-	AT/BELOW 10000				

QUALITY 8

QUALITY
8
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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED		REMARKS	
WAZEE	395810.17N/1045701.43W	Y	FB	TF	327.96	4.18					
LODOE	400459.71N/1045634.81W	Y	FB	TF	002.86	6.83					
RINKR	401157.47N/1044934.69W	Y	FB	TF	037.62	8.79	AT/ABOVE 14000				
HERDR	401858.94N/1044804.48W	Y	FB	TF	009.30	7.11	AT/ABOVE 16000				
RIKKK	404704.36N/1045100.71W	Y	FB	TF	355.46	28.16					
RW17L (AER)	395153.83N/1043828.70W	N	-	-	-	-				CG 400 FT PER NM TO 7000 THEN CG 220 FT PER NM TO 15000	
	394830.48N/1043831.18W	-	-	VI	180.54	3.39					
GISTT	394557.50N/1043501.10W	Y	FB	CF	133.33	3.71	AT/ABOVE 7000			RECOMMENDED NAVAID: DENVER VOR/DME	
KIDNG	394837.67N/1042339.58W	Y	FB	TF	073.00	9.15	AT/BELOW 10000				
SPYCE	395816.57N/1042254.52W	Y	FB	TF	003.43	9.66					
TURBN	400321.45N/1042244.14W	Y	FB	TF	001.50	5.08					
CHICN	401131.87N/1043031.80W	Y	FB	TF	323.84	10.12	AT/ABOVE 14000				
FAARM	401828.80N/1043659.40W	Y	FB	TF	324.57	8.53	AT/ABOVE 16000				
RIKKK	404704.36N/1045100.71W	Y	FB	TF	339.57	30.51					
RW17R (AER)	395140.48N/1043936.56W	N	-	-	-	-				CG 455 FT PER NM TO 6500 THEN CG 220 FT PER NM TO 15000	
	394835.87N/1043938.77W	-	-	VI	180.53	3.07					
GISTT	394557.50N/1043501.10W	Y	FB	CF	126.45	4.44	AT/ABOVE 7000			RECOMMENDED NAVAID: DENVER VOR/DME	
KIDNG	394837.67N/1042339.58W	Y	FB	TF	073.00	9.15	AT/BELOW 10000				
SPYCE	395816.57N/1042254.52W	Y	FB	TF	003.43	9.66					
TURBN	400321.45N/1042244.14W	Y	FB	TF	001.50	5.08					

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

DP NAME							NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
RIKKK							FOUR	RIKKK4.FISAR	THREE	11/13/2014	13 SEP 18
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED		REMARKS	
CHICN	401131.87N/1043031.80W	Y	FB	TF	323.84	10.12	AT/ABOVE 14000				
FAARM	401828.80N/1043659.40W	Y	FB	TF	324.57	8.53	AT/ABOVE 16000				
RIKKK	404704.36N/1045100.71W	Y	FB	TF	339.57	30.51					
RW25 (AER)	395026.37N/1044102.17W	N	-	-	-	-				CG 425 FT PER NAM TO 8000 THEN CG 270 FT PER NM TO 16000	
	395028.08N/1044523.38W	-	-	VI	270.51	3.35					
MUGBE	395437.37N/1045408.28W	Y	FB	CF	301.70	7.91	AT/BELOW 10000				
WAZEE	395810.17N/1045701.43W	Y	FB	TF	327.96	4.18					
LODOE	400459.71N/1045634.81W	Y	FB	TF	002.86	6.83					
RINKR	401157.47N/1044934.69W	Y	FB	TF	037.62	8.79	AT/ABOVE 14000				
HERDR	401858.94N/1044804.48W	Y	FB	TF	009.30	7.11	AT/ABOVE 16000				
RIKKK	404704.36N/1045100.71W	Y	FB	TF	355.46	28.16					
RW34L (AER)	395106.79N/1044147.72W	N	-	-	-	-				CG 425 FT PER NM TO 7000 THEN CG 260 FT PER NM TO 12000	
	395512.13N/1044144.88W	-	-	VI	000.51	4.09					
CAAZZ	400304.52N/1043923.25W	Y	FB	CF	012.97	8.07	AT/BELOW 10000				
BNITA	401720.22N/1044308.73W	Y	FB	TF	348.59	14.54	AT/ABOVE 12000				
SWYCH	404219.21N/1044944.99W	Y	FB	TF	348.63	25.47	AT/ABOVE 16000				
RIKKK	404704.36N/1045100.71W	Y	FB	TF	348.59	4.85					
RW34R (AER)	395150.77N/1044113.88W	N	-	-	-	-				CG 430 FT PER NM TO 7000 THEN CG 260 FT PER NM TO 12000	
	395511.56N/1044111.56W	-	-	VI	000.51	3.34					

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**FEDERAL AVIATION ADMINISTRATION
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DEPARTURE (DATA RECORD)**

DP NAME							NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
RIKKK							FOUR	RIKKK4.FISAR	THREE	11/13/2014	13 SEP 18
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED		REMARKS	
CAAZZ	400304.52N/1043923.25W	Y	FB	CF	009.98	8.00	AT/BELOW 10000				
BNITA	401720.22N/1044308.73W	Y	FB	TF	348.59	14.54	AT/ABOVE 12000				
SWYCH	404219.21N/1044944.99W	Y	FB	TF	348.63	25.47	AT/ABOVE 16000				
RIKKK	404704.36N/1045100.71W	Y	FB	TF	348.59	4.85					
RW35L (AER)	394941.93N/1043937.98W	N	-	-	-	-				CG 400 FT PER NM TO 7000 THEN CG 250 FT PER NM TO 12000	
5934 MSL	-	-	-	VA	000.53	-					
CAAZZ	400304.52N/1043923.25W	Y	FB	DF	-	-	AT/BELOW 10000				
BNITA	401720.22N/1044308.73W	Y	FB	TF	348.59	14.54	AT/ABOVE 12000				
SWYCH	404219.21N/1044944.99W	Y	FB	TF	348.63	25.47	AT/ABOVE 16000				
RIKKK	404704.36N/1045100.71W	Y	FB	TF	348.59	4.85					
RW35R (AER)	394955.27N/1043830.16W	N	-	-	-	-				CG 400 FT PER NM TO 7000 THEN CG 250 FT PER NM TO 12000	
5934 MSL	-	-	-	VA	000.54	-					
CAAZZ	400304.52N/1043923.25W	Y	FB	DF	-	-	AT/BELOW 1000				
BNITA	401720.22N/1044308.73W	Y	FB	TF	348.59	14.54	AT/ABOVE 12000				
SWYCH	404219.21N/1044944.99W	Y	FB	TF	348.63	25.47	AT/ABOVE 16000				
RIKKK	404704.36N/1045100.71W	Y	FB	TF	348.59	4.85					
RIKKK	404704.36N/1045100.71W	Y	-	IF	-	-					
FISAR	413354.21N/1051410.94W	Y	FB	TF	339.63	49.97					

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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>
RIKKK		FOUR		RIKKK4.FISAR		THREE		11/13/2014	13 SEP 18
<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)	3935025.91N/1045105.31W	N	-	-	-	-			CG 255 PER NM TO 8000
6400 MSL	-	-	-	VA	177.95	-			
	-	-	-	VM	177.95	-			
RIKKK	404704.36N/1045100.71W	Y	FB	DF	-	-			
RW17R (AER)	393444.35N/1045113.39W	N	-	-	-	-			CG 370 FT PER NM TO 8000
6400 MSL	-	-	-	VA	177.95	-			
	-	-	-	VM	177.95	-			
RIKKK	404704.36N/1045100.71W	Y	FB	DF	-	-			
RW35L (AER)	393335.23N/1045110.19W	N	-	-	-	-			
6400 MSL	-	-	-	VA	357.95	-			
		-	-	VM	357.95	-			
RIKKK	404704.36N/105100.71W	Y	FB	DF	-	-			
RW35R (AER)	393324.15N/1045100.76W	N	-	-	-	-			
6400 MSL	-	-	-	VA	357.95	-			
		-	-	VM	357.95	-			
RIKKK	404704.36N/1045100.71W	Y	FB	DF	-	-			
RIKKK	404704.36N/1045100.71W	Y	-	IF	-	-			

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DP NAME		NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE			
RIKKK		FOUR	RIKKK4.FISAR	THREE	11/13/2014	13 SEP 18			
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
FISAR	413354.21N/1051410.94W	Y	FB	TF	339.63	49.97			
ROCKY MOUTAIN METROPOLITAN (KBJC)									
RIKKK	404704.36N/1045100.71W	Y	-	IF	-	-			
FISAR	413354.21N/1051410.94W	Y	FB	TF	339.63	49.97			
NORTHERN COLORADO RGNL (KFNL)									
RIKKK	404704.36N/1045100.71W	Y	-	IF	-	-			
FISAR	413354.21N/1051410.94W	Y	FB	TF	339.63	49.97			
FRONT RANGE (KFTG)									
RW08 (AER)	394738.42N/1043354.88W	N	-	-	-	-			
6020 MSL	-	-	-	VA	091.15	-			
	-	-	-	VM	091.15	-			
RIKKK	404704.36N/1045100.71W	Y	FB	DF	-	-			
RW17 (AER)									
6020 MSL	-	-	-	VA	179.99	-			
	-	-	-	VM	179.99	-			
RIKKK	404704.36N/1045100.71W	Y	FB	DF	-	-			
RW26 (AER)									
	394736.82N/1043212.43W	N	-	-	-	-			

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

DP NAME							NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
RIKKK							FOUR	RIKKK4.FISAR	THREE	11/13/2014	13 SEP 18
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS		
6020 MSL	-	-	-	VA	271.17	-					
	-	-	-	VM	271.17	-					
RIKKK	404704.36N/1045100.71W	Y	FB	DF	-	-					
RW35 (AER)	394549.10N/1043127.23W	N	-	-	-	-					
6020 MSL	-	-	-	VA	359.99	-					
	-	-	-	VM	359.99	-					
RIKKK	404704.36N/1045100.71W	Y	FB	DF	-	-					
RIKKK	404704.36N/1045100.71W	Y	-	IF	-	-					
FISAR	413354.21N/1051410.94W	Y	FB	TF	339.63	49.97					

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