

**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SUPERSEDED NUMBER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>EFFECTIVE DATE</u>
SOLAR	FIVE	SOLAR5.DAAYE	FOUR	07/11/2018	30 JAN 2020
<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
☐	☐	☒	☐	☐	☒

DP ROUTE DESCRIPTION:
DENVER INT:

TAKEOFF RWY 8: CLIMB ON HEADING 082.53 TO INTERCEPT COURSE 105.72 TO CROSS KIDNG AT OR BELOW 10000, THEN ON TRACK 153.76 TO TWWIN, THEN ON TRACK 191.56 TO TAILL, THEN ON TRACK 202.01 TO CROSS FIGTR AT OR ABOVE 14000, THEN ON TRACK 208.53 TO CROSS LOADD AT OR ABOVE 16000, THEN ON TRACK 226.40 TO SOLAR, THENCE ...

TAKEOFF RWY 16L: CLIMB ON HEADING 172.51 TO 5934 DIRECT BOGEI, THEN ON TRACK 174.40 TO CROSS IIINN AT OR BELOW 10000, THEN ON TRACK 175.35 TO CROSS SIGHT AT OR BELOW 12000, THEN ON TRACK 174.96 TO CROSS WEPNS AT OR ABOVE 12000, THEN ON TRACK 194.65 TO CROSS LOCKD AT OR ABOVE 14000, THEN ON TRACK 225.77 TO CROSS ONNNN AT OR ABOVE 15000, THEN ON TRACK 225.73 TO SOLAR, THENCE ...

TAKEOFF RWY 16R: CLIMB ON HEADING 172.51 TO 5934, THEN CLIMBING RIGHT TURN DIRECT BOGEI, THEN ON TRACK 174.40 TO CROSS IIINN AT OR BELOW 10000, THEN ON TRACK 175.35 TO CROSS SIGHT AT OR BELOW 12000, THEN ON TRACK 174.96 TO CROSS WEPNS AT OR ABOVE 12000, THEN ON TRACK 194.65 TO CROSS LOCKD AT OR ABOVE 14000, THEN ON TRACK 225.77 TO CROSS ONNNN AT OR ABOVE 15000, THEN ON TRACK 225.73 TO SOLAR, THENCE ...

TAKEOFF RWY 17L: CLIMB ON HEADING 172.54 TO INTERCEPT COURSE 196.71 TO BOGEI, THEN ON TRACK 174.40 TO CROSS IIINN AT OR BELOW 10000, THEN ON TRACK 175.35 TO CROSS SIGHT AT OR BELOW 12000, THEN ON TRACK 174.96 TO CROSS WEPNS AT OR ABOVE 12000, THEN ON TRACK 194.65 TO CROSS LOCKD AT OR ABOVE 14000, THEN ON TRACK 225.77 TO CROSS ONNNN AT OR ABOVE 15000, THEN ON TRACK 225.73 TO SOLAR, THENCE ...

TAKEOFF RWY 17R: CLIMB ON HEADING 172.53 TO INTERCEPT COURSE 188.02 TO BOGEI, THEN ON TRACK 174.40 TO CROSS IIINN AT OR BELOW 10000, THEN ON TRACK 175.35 TO CROSS SIGHT AT OR BELOW 12000, THEN ON TRACK 174.96 TO CROSS WEPNS AT OR ABOVE 12000, THEN ON TRACK 194.65 TO CROSS LOCKD AT OR ABOVE 14000, THEN ON TRACK 225.77 TO CROSS ONNNN AT OR ABOVE 15000, THEN ON TRACK 225.73 TO SOLAR, THENCE ...

TAKEOFF RWY 25: CLIMB ON HEADING 262.51 AT OR BELOW 230 KIAS TO INTERCEPT COURSE 243.28 TO CROSS BRKEM AT OR BELOW 10000, THEN ON TRACK 221.03 TO NMBSS. THEN ON TRACK 181.40 TO CROSS LENNN AT OR ABOVE 10000 AT OR BELOW 280 KIAS, THEN ON TRACK 161.46 TO TIKLR, THEN ON TRACK 143.63 TO CROSS CIROS AT OR ABOVE 14000, THEN ON TRACK 177.05 TO CROSS RKYMT AT OR ABOVE 16000, THEN ON TRACK 202.06 TO CROSS HIGHH AT OR ABOVE 17000, THEN ON TRACK 211.60 TO SOLAR, THENCE ...

TAKEOFF RWY 34L: CLIMB ON HEADING 352.51 TO 5934 AT OR BELOW 230 KIAS, THEN CLIMBING LEFT TURN DIRECT TO CROSS BRKEM AT OR BELOW 10000, THEN ON TRACK 221.03 TO NMBSS, THEN ON TRACK 181.40 TO CROSS LENNN AT OR ABOVE 10000 AT OR BELOW 280 KIAS, THEN ON TRACK 161.46 TO TIKLR, THEN ON TRACK 143.63 TO CROSS CIROS AT OR ABOVE 14000, THEN ON TRACK 177.05 TO CROSS RKYMT AT OR ABOVE 16000, THEN ON TRACK 202.06 TO CROSS HIGHH AT OR ABOVE 17000, THEN ON TRACK 211.60 TO SOLAR, THENCE ...

TAKEOFF RWY 34R: CLIMB ON HEADING 352.51 TO 5934 AT OR BELOW 230 KIAS, THEN CLIMBING LEFT TURN DIRECT TO CROSS BRKEM AT OR BELOW 10000, THEN ON TRACK 221.03 TO NMBSS, THEN ON TRACK 181.40 TO CROSS LENNN AT OR ABOVE 10000 AT OR BELOW 280 KIAS, THEN ON TRACK 161.46 TO TIKLR, THEN ON TRACK 143.63 TO CROSS CIROS AT OR ABOVE 14000, THEN ON TRACK 177.05 TO CROSS RKYMT AT OR ABOVE 16000, THEN ON TRACK 202.06 TO CROSS HIGHH AT OR ABOVE 17000, THEN ON TRACK 211.60 TO SOLAR, 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 153.76 TO TWWIN, THEN ON TRACK 191.56 TO TAILL. THEN ON TRACK 202.01 TO CROSS FIGTR AT OR ABOVE 14000, THEN ON TRACK 208.53 TO CROSS LOADD AT OR ABOVE 16000, THEN ON TRACK 226.40 TO SOLAR, 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 153.76 TO TWWIN, THEN ON TRACK 191.56 TO TAILL, THEN ON TRACK 202.01 TO CROSS FIGTR AT OR ABOVE 14000, THEN ON TRACK 208.53 TO CROSS LOADD AT OR ABOVE 16000, THEN ON TRACK 226.40 TO SOLAR, THENCE ...

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



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SOLAR	FIVE	SOLAR5.DAA YE	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 SOLAR. THEN ON DEPICTED ROUTE TO DAA YE. 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 SOLAR. THEN ON DEPICTED ROUTE TO DAA YE. MAINTAIN FL230 OR FILED LOWER ALTITUDE, EXPECT HIGHER FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

NORTHERN COLORADO RG NL:

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 SOLAR. THEN ON DEPICTED ROUTE TO DAA YE. 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 SOLAR. THEN ON DEPICTED ROUTE TO DAA YE. 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: ACCELERATE TO AT OR ABOVE 250 KIAS ABOVE 10000. IF SLOWER SPEED IS REQUIRED TO MEET CROSSING RESTRICTIONS ADVISE CLNC DEL PRIOR TO TAXI.

NOTE: TURBOJETS ONLY.

NOTE: DENVER INTL - TAKEOFF RWY 8, 16L, 16R, 17L, 17R, 25, 34L, 34R, 35L, 35R - RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT.

NOTE: CENTENNIAL, ROCKY MOUNTAIN METROPOLITAN, NORTHERN COLORADO RG NL AND COLORADO AIR AND SPACE PORT - RADAR REQUIRED.



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30 JAN 2020

TAKEOFF MINIMUMS:

DENVER INTL:

RWYS 7, 26: NA - ATC.

RWY 8: STANDARD WITH MINIMUM CLIMB OF 475 FT PER NM TO 5934, THEN MINIMUM CLIMB OF 275 FT PER NM TO 16000.

RWY 16L: STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 5934, THEN MINIMUM CLIMB OF 290 FT PER NM TO 13000.

RWY 16R: STANDARD WITH MINIMUM CLIMB OF 380 FT PER NM TO 5934, THEN MINIMUM CLIMB OF 265 FT PER NM TO 13000.

RWY 17L: STANDARD WITH MINIMUM CLIMB OF 380 FT PER NM TO 5934, THEN MINIMUM CLIMB OF 265 FT PER NM TO 14000.

RWY 17R: STANDARD WITH MINIMUM CLIMB OF 435 FT PER NM TO 5934, THEN MINIMUM CLIMB OF 270 FT PER NM TO 14000.

RWY 25: STANDARD WITH MINIMUM CLIMB OF 415 FT PER NM TO 9000, THEN MINIMUM CLIMB OF 285 FT PER NM TO 16000.

RWY 34L: STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 8000, THEN MINIMUM CLIMB OF 285 FT PER NM TO 13000.

RWY 34R: STANDARD WITH MINIMUM CLIMB OF 390 FT PER NM TO 8000, THEN MINIMUM CLIMB OF 270 FT PER NM TO 14000.

RWY 35L: STANDARD WITH MINIMUM CLIMB OF 450 FT PER NM TO 5934, THEN MINIMUM CLIMB OF 260 FT PER NM TO 16000.

RWY 35R: STANDARD WITH MINIMUM CLIMB OF 410 FT PER NM TO 5934, THEN MINIMUM CLIMB OF 260 FT PER NM TO 16000.

CENTENNIAL:

RWY 10, 28: NA - ATC.

RWY 17L: STANDARD WITH MINIMUM CLIMB OF 310 FT PER NM TO 17000.

RWY 17R: STANDARD WITH MINIMUM CLIMB OF 370 FT PER NM TO 8000, THEN MINIMUM CLIMB OF 310 FT PER NM TO 17000.

RWY 35L, 35R: STANDARD WITH MINIMUM CLIMB OF 270 FT PER NM TO 17000.

ROCKY MOUNTAIN METROPOLITAN:

RWY 3, 21: NA - ATC.

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

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.

QUALITY
9
CHECKED

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

DENVER INTL:

RWY 16L, 16R, 17L, 17R, 25, 34L, 34R, 35L, 35R: 13494 FT MSL AAO 395114.70N/1054121.90W.

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 SOLAR (IF), CW

FROM: POINT A (BEARING 154 DEGREES TO SOLAR)

TO: POINT B (BEARING 244 DEGREES TO SOLAR)

MINIMUM ALTITUDE - 17000.

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 INTERNATIONAL: D-ATIS DEP, CLNC DEP, CPDLC, DEN DEP CON

CENTENNIAL: 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:

WEEZR

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, FOR TRANSITON CROSSING ALTITUDES AND SOLAR PNA BOUNDRY AT/ABOVE 17000.



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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.

KBJC RWY 12L, 12R, 30L, 30R: FLIGHT TRACK DISTANCE TO SOLAR PNA BOUNDARY 68 NM PER ATC.
KAPA RWY 17L, 17R: FLIGHT TRACK DISTANCE TO SOLAR PNA BOUNDARY 36 NM PER ATC.
KAPA RWY 35L, 35R: FLIGHT TRACK DISTANCE TO SOLAR PNA BOUNDARY 42 NM PER ATC.
KFNL RWY 15, 33: FLIGHT TRACK DISTANCE TO SOLAR PNA BOUNDARY 95 NM PER ATC.
KCFO RWY 8, 17, 26, 35: FLIGHT TRACK DISTANCE TO SOLAR PNA BOUNDARY 58 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 04, 2019

OFFICE SYMBOL:

DATE:

DEVELOPED BY:

PHILLIP BRANDENBURG

Digitally signed by

PHILLIP BRANDENBURG

Aug 20, 2019

OFFICE SYMBOL:

DATE:

AJV-A423

08/19/2019

APPROVED BY:

MARLON ROBINSON

Digitally signed by

ALLAN WILL

Dec 04, 2019

OFFICE SYMBOL:

DATE:

AJV-A420

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.

QUALITY
9
CHECKED

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SOLAR		FIVE		SOLAR5.DAAYE		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>
DENVER INTL		(KDEN)							
RW08 (AER)	395239.20N/1043944.03W	N	-	-	-	-			CG 475 FT PER NM TO 5934 THEN CG 275 FT PER NM TO 16000
	395237.32N/1043524.94W	-	-	VI	090.53	3.32			RECOMMENDED NAVAID: DENVER VOR/DME
KIDNG	394837.67N/1042339.58W	Y	FB	CF	113.72	9.90	AT/BELOW 10000		
TWWIN	394340.90N/1042132.89W	Y	FB	TF	161.76	5.20			
TAIIL	393816.75N/1042401.83W	Y	FB	TF	199.56	5.73			
FIGTR	392943.58N/1043024.31W	Y	FB	TF	210.01	9.87	AT/ABOVE 14000		
LOADD	392436.51N/1043517.40W	Y	FB	TF	216.53	6.36	AT/ABOVE 16000		
SOLAR	390847.92N/1050332.82W	Y	FB	TF	234.40	27.04			
RW16L (AER)	395349.33N/1044112.50W	N	-	-	-	-			CG 400 FT PER NM TO 5934 THEN CG 290 FT PER NM TO 13000
5934 MSL	-	-	-	VA	180.51	-			
BOGEI	394314.08N/1044137.14W	Y	FB	DF	-	-			
IIINN	393857.67N/1044151.07W	Y	FB	TF	182.40	4.27	AT/BELOW 10000		
SIGHT	393445.47N/1044210.17W	Y	FB	TF	183.35	4.21	AT/BELOW 12000		
WEPNS	392548.27N/1044246.03W	Y	FB	TF	182.96	8.96	AT/ABOVE 12000		
LOCKD	391824.16N/1044644.55W	Y	FB	TF	202.65	8.01	AT/ABOVE 14000		
ONNNN	391531.54N/1045147.41W	Y	FB	TF	233.77	4.86	AT/ABOVE 15000		
SOLAR	390847.92N/1050332.82W	Y	FB	TF	233.73	11.34			
RW16R (AER)	395344.87N/1044145.90W	N	-	-	-	-			CG 380 FT PER NM TO 5934 THEN CG 265 FT PER NM TO 13000
5934 MSL	-	-	-	VA	180.51	-			

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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>
BOGEI	394314.08N/1044137.14W	Y	FB	DF	-	-			
IIINN	393857.67N/1044151.07W	Y	FB	TF	182.40	4.27	AT/BELOW 10000		
SIGHT	393445.47N/1044210.17W	Y	FB	TF	183.35	4.21	AT/BELOW 12000		
WEPNS	392548.27N/1044246.03W	Y	FB	TF	182.96	8.96	AT/ABOVE 12000		
LOCKD	391824.16N/1044644.55W	Y	FB	TF	202.65	8.01	AT/ABOVE 14000		
ONNNN	391531.54N/1045147.41W	Y	FB	TF	233.77	4.86	AT/ABOVE 15000		
SOLAR	390847.92N/1050332.82W	Y	FB	TF	233.73	11.34			
RW17L (AER)	395153.83N/1043828.70W	N	-	-	-	-			CG 380 FT PER NM TO 5934 THEN CG 256 FT PER NM TO 14000
	394826.14N/1043831.25W	-	-	VI	180.54	3.46			RECOMMENDED NAVAID: DENVER VOR/DME
BOGEI	394314.08N/1044137.14W	Y	FB	CF	204.71	5.72			
IIINN	393857.67N/1044151.07W	Y	FB	TF	182.40	4.27	AT/BELOW 10000		
SIGHT	393445.47N/1044210.17W	Y	FB	TF	183.35	4.21	AT/BELOW 12000		
WEPNS	392548.27N/1044246.03W	Y	FB	TF	182.96	8.96	AT/ABOVE 12000		
LOCKD	391824.16N/1044644.55W	Y	FB	TF	202.65	8.01	AT/ABOVE 14000		
ONNNN	391531.54N/1045147.41W	Y	FB	TF	233.77	4.86	AT/ABOVE 15000		
SOLAR	390847.92N/1050332.82W	Y	FB	TF	233.73	11.34			
RW17R (AER)	395140.48N/1043936.56W	N	-	-	-	-			CG 435 FT PER NM TO 5934 THEN CG 270 FT PER NM TO 14000
	394832.31N/1043938.82W	-	-	VI	180.53	3.13			RECOMMENDED NAVAID: DENVER VOR/DME
BOGEI	394314.08N/1044137.14W	Y	FB	CF	196.02	5.51			
IIINN	393857.67N/1044151.07W	Y	FB	TF	182.40	4.27	AT/BELOW 10000		

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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>
SOLAR		FIVE		SOLAR5.DAAYE		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>
SIGHT	393445.47N/1044210.17W	Y	FB	TF	183.35	4.21	AT/BELOW 12000		
WEPNS	392548.27N/1044246.03W	Y	FB	TF	182.96	8.96	AT/ABOVE 12000		
LOCKD	391824.16N/1044644.55W	Y	FB	TF	202.65	8.01	AT/ABOVE 14000		
ONNNN	391531.54N/1045147.41W	Y	FB	TF	233.77	4.86	AT/ABOVE 15000		
SOLAR	390847.92N/1050332.82W	Y	FB	TF	233.73	11.34			
RW25 (AER)	395026.37N/1044102.17W	N	-	-	-	-	CG 415 FT PER NM TO 9000 THEN CG 285 FT PER NM TO 16000		
	395028.14N/1044525.79W	-	-	VI	270.51	3.38	AT/BELOW 230K	RECOMMENDED NAVAID: DENVER VOR/DME	
BRKEM	394850.92N/1045147.63W	Y	FB	CF	251.28	5.16	AT/BELOW 10000		
NMBSS	394642.49N/1045459.23W	Y	FB	TF	229.03	3.26			
LENNN	394315.02N/1045543.70W	Y	FB	TF	189.40	3.50	AT/ABOVE 10000	AT/BELOW 280K	
TIKLR	393734.30N/1045421.73W	Y	FB	TF	169.46	5.77			
CIROS	392959.92N/1044905.10W	Y	FB	TF	151.63	8.60	AT/ABOVE 14000		
RKYMT	392410.25N/1044944.94W	Y	FB	TF	185.05	5.85	AT/ABOVE 16000		
HIGHH	391613.11N/1045540.16W	Y	FB	TF	210.06	9.18	AT/ABOVE 17000		
SOLAR	390847.92N/1050332.82W	Y	FB	TF	219.60	9.61			
RW34L (AER)	395106.79N/1044147.72W	N	-	-	-	-	CG 400 FT PER NM TO 8000 THEN CG 285 PER NM TO 13000		
5934 MSL	-	-	-	VA	000.51	-	AT/BELOW 230K		
BRKEM	394850.92N/1045147.63W	Y	FB	DF	-	-	AT/BELOW 10000		
NMBSS	394642.49N/1045459.23W	Y	FB	TF	229.03	3.26			
LENNN	394315.02N/1045543.70W	Y	FB	TF	189.40	3.50	AT/ABOVE 10000	AT/BELOW 280K	

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SOLAR		FIVE		SOLAR5.DAAYE		FOUR		07/11/2018	30 JAN 2020
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
TIKLR	393734.30N/1045421.73W	Y	FB	TF	169.46	5.77			
CIROS	392959.92N/1044905.10W	Y	FB	TF	151.63	8.60	AT/ABOVE 14000		
RKYMT	392410.25N/1044944.94W	Y	FB	TF	185.05	5.85	AT/ABOVE 16000		
HIGHH	391613.11N/1045540.16W	Y	FB	TF	210.06	9.18	AT/ABOVE 17000		
SOLAR	390847.92N/1050332.82W	Y	FB	TF	219.60	9.61			
RW34R (AER)	395150.77N/1044113.88W	N	-	-	-	-	CG 390 FT PER NM TO 8000 THEN CG 270 PER NM TO 14000		
5934 MSL	-	-	-	VA	000.51	-	AT/BELOW 230K		
BRKEM	394850.92N/1045147.63W	Y	FB	DF	-	-	AT/BELOW 10000		
NMBSS	394642.49N/1045459.23W	Y	FB	TF	229.03	3.26			
LENNN	394315.02N/1045543.70W	Y	FB	TF	189.40	3.50	AT/ABOVE 10000	AT/BELOW 230K	
TIKLR	393734.30N/1045421.73W	Y	FB	TF	169.46	5.77			
CIROS	392959.92N/1044905.10W	Y	FB	TF	151.63	8.60	AT/ABOVE 14000		
RKYMT	392410.25N/1044944.94W	Y	FB	TF	185.05	5.85	AT/ABOVE 16000		
HIGHH	391613.11N/1045540.16W	Y	FB	TF	210.06	9.18	AT/ABOVE 17000		
SOLAR	390847.92N/1050332.82W	Y	FB	TF	219.60	9.61			
RW35L (AER)	394941.93N/1043937.98W	N	-	-	-	-	CG 450 FT PER NM TO 5934 THEN CG 260 FT PER NM TO 16000		
5934 MSL		-	-	VA	000.53	-			
KIDNG	394837.67N/1042339.58W	Y	FB	DF	-	-	AT/BELOW 10000		
TWWIN	394340.90N/1042132.89W	Y	FB	TF	161.76	5.20			
TAIIL	393816.75N/1042401.83W	Y	FB	TF	199.56	5.73			



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SOLAR		FIVE		SOLAR5.DAAYE		FOUR		07/11/2018		30 JAN 2020	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS		
FIGTR	392943.58N/1043024.31W	Y	FB	TF	210.01	9.87	AT/ABOVE 14000				
LOADD	392436.51N/1043517.40W	Y	FB	TF	216.53	6.36	AT/ABOVE 16000				
SOLAR	390847.92N/1050332.82W	Y	FB	TF	234.40	27.04					
RW35R (AER)	394955.27N/1043830.16W	N	-	-	-	-	CG 410 FT PER NM TO 5934 THEN CG 260 FT PER NM TO 16000				
5934 MSL	-	-	-	VA	000.54	-					
KIDNG	394837.67N/1042339.58W	Y	FB	DF	-	-	AT/BELOW 10000				
TWWIN	394340.90N/1042132.89W	Y	FB	TF	161.76	5.20					
TAIIL	393816.75N/1042401.83W	Y	FB	TF	199.56	5.73					
FIGTR	392943.58N/1043024.31W	Y	FB	TF	210.01	9.87	AT/ABOVE 14000				
LOADD	392436.51N/1043517.40W	Y	FB	TF	216.53	6.36	AT/ABOVE 16000				
SOLAR	390847.92N/1050332.82W	Y	FB	TF	234.40	27.04					
SOLAR	390847.92N/1050332.82W	Y	-	IF	-	-					
WEEZR	383827.54N/1052258.02W	Y	FB	TF	206.68	33.89					
DAAYE	380040.43N/1054644.19W	Y	FB	TF	206.48	42.13					
CENTENNIAL	(KAPA)										
RW17L (AER)	393502.91N/1045105.31W	N	-	-	-	-	CG 310 FT PER NM TO 17000				
6400 MSL	-	-	-	VA	177.95	-					
	-	-	-	VM	177.95	-					
SOLAR	390847.92N/1050332.82W	Y	FB	DF	-	-					

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SOLAR		FIVE		SOLAR5.DAAYE		FOUR		07/11/2018	30 JAN 2020
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW17R (AER)	393444.35N/1045113.39W	N	-	-	-	-			CG 370 FT PER NM TO 8000 THEN CG 310 FT PER NM TO 17000
6400 MSL	-	-	-	VA	177.95	-			
	-	-	-	VM	177.95	-			
SOLAR	390847.92N/1050332.82W	Y	FB	DF	-	-			
RW35L (AER)	393335.23N/1045110.19W	N	-	-	-	-			CG 270 FT PER NM TO 17000
6400 MSL	-	-	-	VA	357.95	-			
	-	-	-	VM	357.95	-			
SOLAR	390847.92N/1050332.82W	Y	FB	DF	-	-			
RW35R (AER)	393324.15N/1045100.76W	N	-	-	-	-			CG 270 FT PER NM TO 17000
6400 MSL	-	-	-	VA	357.95	-			
	-	-	-	VM	357.95	-			
SOLAR	390847.92N/1050332.82W	Y	FB	DF	-	-			
SOLAR	390847.92N/1050332.82W	Y	-	IF	-	-			
WEEZR	383827.54N/1052258.02W	Y	FB	TF	206.68	33.89			
DAAYE	380040.43N/1054644.19W	Y	FB	TF	206.48	42.13			
ROCKY MOUNTAIN METROPOLITAN (KBJC)									
SOLAR	390847.92N/1050332.82W	Y	-	IF	-	-			
WEEZR	383827.54N/1052258.02W	Y	FB	TF	206.68	33.89			

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SOLAR		FIVE		SOLAR5.DAAYE		FOUR		07/11/2018	30 JAN 2020
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
DAAYE	380040.43N/1054644.19W	Y	FB	TF	206.48	42.13			
NORTHERN COLORADO RGNL (KFNL)									
SOLAR	390847.92N/1050332.82W	Y	-	IF	-	-			
WEEZR	383827.54N/1052258.02W	Y	FB	TF	206.68	33.89			
DAAYE	380040.43N/1054644.19W	Y	FB	TF	206.48	42.13			
COLORADO AIR AND SPACE PORT (KCFO)									
RW08 (AER)	394738.42N/1043354.88W	N	-	-	-	-			
6020 MSL		-	-	VA	091.15	-			
		-	-	VM	091.15	-			
SOLAR	390847.92N/1050332.82W	Y	FB	DF	-	-			
RW17 (AER)									
RW17 (AER)	394708.14N/1043127.25W	N	-	-	-	-			
6020 MSL	-	-	-	VA	179.99	-			
	-	-	-	VM	179.99	-			
SOLAR	390847.92N/1050332.82W	Y	FB	DF	-	-			
RW26 (AER)									
RW26 (AER)	394736.82N/1043212.42W	N	-	-	-	-			
6020 MSL		-	-	VA	271.17	-			
		-	-	VM	271.17	-			
SOLAR	390847.92N/1050332.82W	Y	FB	DF	-	-			

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SOLAR							FIVE	SOLAR5.DAAYE	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>		
RW35 (AER)	39549.10N/1043127.23W	N	-	-	-	-					
6020 MSL	-	-	-	VA	359.99	-					
	-	-	-	VM	359.99	-					
SOLAR	390847.92N/1050332.82W	Y	FB	DF	-	-					
SOLAR	390847.92N/1050332.82W	Y	-	IF	-	-					
WEEZR	383827.54N/1052258.02W	Y	FB	TF	206.68	33.89					
DAAYE	380040.43N/1054644.19W	Y	FB	TF	206.48	42.13					

