

**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SUPERSEDED NUMBER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>ACTUAL EFFECTIVE DATE</u>
YELLOWSTONE	FIVE	YELLO5.DEN	FOUR	07/16/2020	

<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 type="checkbox"/>

**DP ROUTE DESCRIPTION:**

**DENVER INTL:**

**TAKEOFF ALL RUNWAYS:** FLY ASSIGNED HEADING FOR RADAR VECTORS TO ASSIGNED ROUTE. CLIMB AND MAINTAIN 10000 OR ATC ASSIGNED LOWER ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

**CENTENNIAL:**

**TAKEOFF RWY 17L, 17R, 28, 35L, 35R:** FLY ASSIGNED HEADING AND ALTITUDE FOR RADAR VECTORS TO ASSIGNED ROUTE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

**RWY 10:** CLIMB ON HEADING 099.95 TO 6600 BEFORE TURNING RIGHT.

**ROCKY MOUNTAIN METRO:**

**TAKEOFF RWY 3:** CLIMB TO ASSIGNED ALTITUDE AND HEADING BETWEEN 350 CW 150 FROM DEPARTURE END OF RUNWAY, THENCE ...

**TAKEOFF RWY 12L, 12R:** CLIMB TO ASSIGNED ALTITUDE AND HEADING BETWEEN 150 CCW 350 FROM DEPARTURE END OF RUNWAY, THENCE ...

**TAKEOFF RWY 21:** CLIMBING LEFT TURN TO ASSIGNED ALTITUDE AND HEADING BETWEEN 150 CCW TO 024 FROM DEPARTURE END OF RUNWAY, THENCE ...

**TAKEOFF RWY 30R:** CLIMBING RIGHT TURN TO ASSIGNED ALTITUDE AND HEADING BETWEEN 350 CW 113 FROM DEPARTURE END OF RUNWAY, THENCE ...

**TAKEOFF RWY 30L:** CLIMBING RIGHT TURN TO ASSIGNED ALTITUDE AND HEADING BETWEEN 350 CW 113 FROM DEPARTURE END OF RUNWAY, THENCE ...

... RADAR VECTORS TO ASSIGNED ROUTE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

**BUCKLEY SPACE FORCE BASE:**

**TAKEOFF ALL RUNWAYS:** FLY ASSIGNED HEADING AND ALTITUDE FOR RADAR VECTORS TO ASSIGNED ROUTE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

**NORTHERN COLORADO RGNL:**

**TAKEOFF RWY 33:** CLIMBING RIGHT TURN TO ASSIGNED ALTITUDE AND HEADING BETWEEN 350 CW 150 FROM DEPARTURE END OF RUNWAY, THENCE ...

**TAKEOFF RWY 15:** CLIMB TO ASSIGNED ALTITUDE AND HEADING BETWEEN 180 CCW 350 FROM END OF RUNWAY, THENCE ...

... RADAR VECTORS TO ASSIGNED ROUTE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

**COLORADO AIR AND SPACE PORT:**

**TAKEOFF ALL RUNWAYS:** FLY ASSIGNED HEADING AND ALTITUDE FOR RADAR VECTORS TO ASSIGNED ROUTE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

**GREELY-WELD COUNTY:**

**TAKEOFF ALL RUNWAYS:** FLY ASSIGNED HEADING AND ALTITUDE FOR RADAR VECTORS TO ASSIGNED ROUTE. EXPECT 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>
LARAMIE	YELLO5.LAR	DEN VOR/DME	YAMMI	334.00 (DEN R-334)	60.09	11000	8500	
		YAMMI	LAR VOR/DME	305.00 (LAR R-125)	45.37	11000	11000	
MEDICINE BOW	YELLO5.MBW	DEN VOR/DME	YAMMI	334.00 (DEN R-334)	60.09	11000	8500	YAMMI AT/ABOVE 12000
		YAMMI	MBW VOR/DME	312.53 MBW (R-133)	77.40	12000	11300	

QUALITY  
20  
CHECKED

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YELLOWSTONE			FIVE	YELLO5.DEN	FOUR	07/16/2020	
CHEYENNE	YELLO5.CYS	DEN VOR/DME	YALES	348.53 (DEN R-349)	58.98	10000	7900
		YALES	CYS VORTAC	343.46 (CYS R-163)	25.03	10000	8600
SCOTTSBLUFF	YELLO5.BFF	DEN VOR/DME	BFF VORTAC	014.88 & 010.65 (DEN R-015 & BFF R-191)	135.87	9000	7900
HANKI	YELLO5.HANKI	DEN VOR/DME	COPLA	014.88 (DEN R-015)	66.17	9000	8000
		COPLA	HANKI	033.90 (GLL R-034)	71.49	FL210	8000
NATTI	YELLO5.NATTI	DEN VOR/DME	YAMMI	334.00 (DEN R-334)	60.09	11000	8500
		YAMMI	LAR VOR/DME	305.00 (LAR R-125)	45.37	11000	11000
		LAR VOR/DME	NATTI	273.26 (LAR R-273)	36.00	13400	13400
RAPID CITY	YELLO5.RAP	DEN VOR/DME	GLL VOR/DME	358.78 & 353.85 (DEN R-359 & GLL R-174)	41.75	9000	7900
		GLL VOR/DME	RAP VORTAC	004.73 & 005.77 (GLL R-005 & RAP R-186)	219.27	FL230	9000

**PBN REQUIREMENT NOTES:**

**EQUIPMENT REQUIREMENT NOTES:**

RADAR REQUIRED.

**PROCEDURAL DATA NOTES:**

**TAKEOFF MINIMUMS:**

DENVER INTL:

ALL RUNWAYS: STANDARD.

CENTENNIAL:

RWY 10, 35L, 35R: STANDARD.

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

RWY 17R: STANDARD WITH MINIMUM CLIMB OF 372 FT/NM TO 8000.

RWY 28: STANDARD WITH MINIMUM CLIMB OF 300 FT/NM TO 8000.

ROCKY MOUNTAIN METRO:

ALL RUNWAYS: STANDARD.

BUCKLEY SPACE FORCE BASE:

ALL RUNWAYS: STANDARD.

NORTHERN COLORADO RGNL:

RWY 6, 24: NA - VFR RUNWAY.

RWY 15, 33: STANDARD.

COLORADO AIR AND SPACE PORT:

ALL RUNWAYS: STANDARD.

GREELEY-WELD COUNTY:

ALL RUNWAYS: STANDARD.

**TAKEOFF OBSTACLES NOTES:**

DENVER INTL:

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



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YELLOWSTONE	FIVE	YELLO5.DEN	FOUR	07/16/2020	

**CENTENNIAL:**

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

**ROCKY MOUNTAIN METRO:**

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

**BUCKLEY SPACE FORCE BASE:**

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).

**GREELEY-WELD COUNTY:**

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

**CONTROLLING OBSTACLES:**

**CENTENNIAL:**

**RWY 10:** 6520 FT MSL TWR 393024.00N/1044604.00W.

**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.

**MSA:**

KDEN: MSA FROM DEN VOR/DME 9200

KAPA, KCFO: MSA FROM FQF VORTAC 360-180 8400, 180-360 9600

KBJC: MSA FROM BJC VOR/DME 360-090 7600, 090-180 10700, 180-360 14800

KBKF: MSA FROM BKF TACAN 305-120 7600, 120-210 9600, 210-305 10800

KFNL, KGXY: MSA FROM GLL VOR/DME 8100

**LOST COMMUNICATIONS PROCEDURES:**

IF NO TRANSMISSIONS ARE RECEIVED WITHIN ONE MINUTE AFTER DEPARTURE, MAINTAIN ASSIGNED HEADING UNTIL 7000, THEN CLIMB TO FILED ALTITUDE DIRECT TO DEN VOR/DME, THEN ON ASSIGNED ROUTE. IF FILED ALTITUDE IS ABOVE 10000, CROSS DEN VOR/DME AT OR ABOVE 11000.

**ADDITIONAL FLIGHT DATA:**

CHART MBW R-213 TO NATII, CYS R-060 TO HANKI, CYS R-194 TO YAMMI, GLL R-034 TO COPLA.

**DENVER INTL - CHART:** TOP ALTITUDE: 10000.

**CENTENNIAL - CHART:** TOP ALTITUDE: ASSIGNED BY ATC.

**ROCKY MOUNTAIN METRO - CHART:** TOP ALTITUDE: ASSIGNED BY ATC.

**BUCKLEY SPACE FORCE BASE - CHART:** TOP ALTITUDE: ASSIGNED BY ATC.

**NORTHERN COLORADO RGNL - CHART:** TOP ALTITUDE: ASSIGNED BY ATC.

**COLORADO AIR AND SPACE PORT - CHART:** TOP ALTITUDE: ASSIGNED BY ATC.

**GREELEY-WELD COUNTY - CHART:** TOP ALTITUDE: ASSIGNED BY ATC.

**AIRPORT MV:** APA 8E/2015, BJC 9E/2015, BKF 8E/2015, CFO 8E/2015, (P) DEN 8E/2015, FNL 9E/2010, GXY 8E/2015.

**AIRPORTS SERVED:**

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KDEN	DENVER	CO
KAPA	DENVER	CO
KBJC	DENVER	CO
KBKF	AURORA	CO
KFNL	FORT COLLINS/LOVELAND	CO

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YELLOWSTONE	FIVE	YELLO5.DEN	FOUR	07/16/2020	
KCFO		DENVER			CO
KGXY		GREELEY			CO

**COMMUNICATIONS:**

**DENVER INTL:** CHART: D-ATIS DEP, CLNC DEL, CPDLC.

**CENTENNIAL:** CHART: ATIS, CLNC DEL.

**ROCKY MOUNTAIN METRO:** CHART: ATIS, CLNC DEL.

**BUCKLEY SPACE FORCE BASE:** CHART: ATIS, CLNC DEL.

**NORTHERN COLORADO RGNL:** CHART: CLNC DEL.

**COLORADO AIR AND SPACE PORT:** CHART: ATIS, CLNC DEL, DEN CLNC DEL (WHEN TOWER CLOSED).

**GREELY-WELD COUNTY:** CHART: CLNC DEL.

**FIXES AND/OR NAVAIDS:**

YOKES

**REMARKS:**

ABBREVIATED AMENDMENT

MOCA'S TO HANKI TRANSITION BETWEEN DEN VOR/DME AND COPLA AND COPLA TO HANKI ARE ATC REQUESTED.

MOCA'S TO RAPID CITY TRANSITION BETWEEN DEN VOR/DME AND GLL VOR/DME, AND GLL VOR/DME RAPID CITY VORTAC ARE ATC REQUESTED.

MVA/MIA OBSTACLE CLEARANCE WILL BE PROVIDED ON TRANSITION ROUTES UNTIL AIRCRAFT REACHES MEA.

FOR THOSE AIRPORTS THAT HAVE RESTRICTIONS ON INITIAL DIVERSE VECTORS OFF THE AIRPORT- RESTRICTIONS ARE LIFTED ONCE AIRCRAFT REACHES MINIMUM VECTORING ALTITUDE AND ATC COMMENCES VECTORING AIRCRAFT TO TRANSITION.

DO NOT CHART MOCA: FROM YAMMI TO LAR VOR/DME, LAR VOR/DME TO NATTI.

**FLIGHT INSPECTED BY**

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17)  
MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL  
CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

**SIGNATURE**

*Digitally signed by*

**ROBERT G HAMILTON**

Feb 18, 2025

**OFFICE**

**DATE**

**DEVELOPED BY**

ERIC N. SUSKI (ANDRE TUCKER)

**SIGNATURE**

*Digitally signed by*

**ROBERT G HAMILTON**

Feb 18, 2025

**OFFICE**

AJV-A431

**DATE**

01/10/2025

**APPROVED BY**

ERIC N. SUSKI

**SIGNATURE**

*Digitally signed by*

**ROBERT G HAMILTON**

Feb 18, 2025

**OFFICE**

AJV-A430

**DATE**

06/12/2025

**TITLE**

MANAGER

**REQUIRED EFFECTIVE DATE**

ROUTINE

**COORDINATED WITH:**

**A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZDV, BJC ATCT, BKL ATCT, DEN APP CON, CO AERO MGR, AMGR'S

**CHANGES - REASONS:**

1. DP ROUTE DESCRIPTION CENTENNIAL: CHANGED FROM "TAKEOFF ALL RUNWAYS" TO "TAKEOFF RWY 17L, 17R, 28, 35L, 35R". - IAW 8260.46J.

2. ADDITIONAL FLIGHT DATA: ADDED ALL AIRPORT MVS. - IAW MEMO 283.

3. AIRPORTS SERVED: REMOVED ALL AIRPORT NAMES AND PARENTHESES. - IAW 8260.46J.

4. PROCEDURAL DATA NOTES: REMOVED RADAR REQUIRED. - IAW 8260.46J.

5. EQUIPMENT REQUIREMENT NOTES: ADDED RADAR REQUIRED. - IAW 8260.46J.

6. MSA: ADDED MSA. - IAW 8260.46J.

7. DP ROUTE: CENTENNIAL: CHANGED FROM "RWY 10: CLIMB HEADING" TO "CLIMB ON HEADING". - IAW 8260.46J.

8. WHOLE FORM: CHANGED NAME FROM "ROCKY MOUNTAIN METROPOLITAN" TO "ROCKY MOUNTAIN METRO" AND CHANGED NAME FROM "BUCKLEY AFB" TO "BUCKLEY SPACE FORCE BASE". -



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NAMES CHANGED 01/18/2007 AND 04/27/2017 RESPECTIVELY.

9. TAKEOFF MINS: CHANGED CENTENNIAL RWY 17L/17R/28 PHRASE FROM "FT PER NM" TO "FT/NM" AND CHANGED RWY 17R CG FROM "370" TO "372". - IAW 8260.46J AND REFLECT ODP CG.

10. TAKEOFF MINS: ROCKY MOUNTAIN METRO: CHANGED FROM "RWY 3, 12R, 12L, 21, 30R, 30L" TO "ALL RUNWAYS". - IAW 8260.46J.

11. TAKEOFF OBST: BUCKLEY SPACE FORCE BASE: CHANGED FROM "**NOTE: RWY 14:** TERRAIN 110 FT FROM DER, 529 FT LEFT OF CENTERLINE, 5666 FT MSL" TO "SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)". - REFLECT ROCKIES RECENT AMDT IAW 8260.46J.

12. LOST COMMUNICATIONS: CHANGED FROM "MAINTAIN ASSIGNED HEADING UNTIL 7000 FT, THEN CLIMB TO FILED ALTITUDE VIA DIRECT DEN VOR/DME, THENCE VIA ASSIGNED ROUTE. IF FILED ALTITUDE IS ABOVE 10000 FT, CROSS DEN VOR/DME AT OR ABOVE 11000 FT" TO "MAINTAIN ASSIGNED HEADING UNTIL 7000, THEN CLIMB TO FILED ALTITUDE DIRECT TO DEN VOR/DME, THEN ON ASSIGNED ROUTE. IF FILED ALTITUDE IS ABOVE 10000, CROSS DEN VOR/DME AT OR ABOVE 11000". - IAW 8260.46J.

13. COMMUNICATIONS: REMOVED DEN DEP CON FROM ALL AIRPORTS AND ADDED CLNC DEL TO NORTHERN COLORADO RGNL. - IAW 8260.46J.

14. TRANSITION ROUTES: ADDED MOCAS TO DEN VOR/DME-YAMMI, YAMMI- LAR VOR/DME, LAR VOR/DME-NATTI, DEN VOR/DME-GLL VOR/DME, DEN VOR/DME-YALES, YALES-CYS VORTAC, DEN VOR/DME- BFF VORTAC, AND YAMMI-MBW VOR/DME. - IAW AFS CLARIFICATION DP MOCA MEMO.

15. REMARKS: ADDED "DO NOT CHART MOCA: FROM YAMMI TO LAR VOR/DME, LAR VOR/DME TO NATTI". - IAW AFS CLARIFICATION DP MOCA MEMO.

