

**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  
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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SUPERSEDED NUMBER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>
YELLOWSTONE	FOUR	YELLO4.DEN	THREE	01/30/2020	<b>16 JUL 20</b>

<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 TRANSITION. CLIMB AND MAINTAIN 10000 OR ATC ASSIGNED LOWER ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

**CENTENNIAL:**

**TAKEOFF ALL RUNWAYS:** FLY ASSIGNED HEADING AND ALTITUDE FOR RADAR VECTORS TO ASSIGNED TRANSITION. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.  
**RWY 10:** CLIMB HEADING 099.95 TO 6600 BEFORE TURNING RIGHT.

**ROCKY MOUNTAIN METROPOLITAN:**

**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 AFB:**

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

**NORTHERN COLORADO RGNL:**

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

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

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

**GREELEY-WELD COUNTY:**

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



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**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	YELLO4.LAR	DEN VOR/DME	YAMMI	334.00 (DEN R-334)	60.09	11000		
		YAMMI	LAR/VOR DME	305.00 (LAR R-125)	45.37	11000		
MEDICINE BOW	YELLO4.MBW	DEN VOR/DME	YAMMI	334.00 (DEN R-334)	60.09	11000		YAMMI AT/ABOVE 12000
		YAMMI	MBW VOR/DME	312.53 MBW (R-133)	77.40	12000		
CHEYENNE	YELLO4.CYS	DEN VOR/DME	YALES	348.53 (DEN R-349)	58.98	10000		
		YALES	CYS VORTAC	343.46 (CYS R-163)	25.03	10000		
SCOTTSBLUFF	YELLO4.BFF	DEN VOR/DME	BFF VORTAC	014.88 & 010.65 (DEN R-015 & BFF R-191)	135.87	9000		
HANKI	YELLO4.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	YELLO4.NATTI	DEN VOR/DME	YAMMI	334.00 (DEN R-334)	60.09	11000		
		YAMMI	LAR VOR/DME	305.00 (LAR R-125)	45.37	11000		
		LAR VOR/DME	NATTI	273.26 (LAR R-273)	36.00	13400		
RAPID CITY	YELLO4.RAP	DEN VOR/DME	GLL VOR/DME	358.78 & 353.85 (DEN R-359 & GLL R-174)	41.75	9000		
		GLL VOR/DME	RAP VORTAC	004.73 & 005.77 (GLL R-005 & RAP R-186)	219.27	FL230	9000	

**PROCEDURAL DATA NOTES:**

NOTE: RADAR REQUIRED.

**TAKEOFF MINIMUMS:**

DENVER INTL:

ALL RUNWAYS: STANDARD

**CENTENNIAL:**

RWY 10, 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.

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



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**ROCKY MOUNTAIN METROPOLITAN:**  
RWY 3, 12L, 12R, 21, 30L, 30R: STANDARD.

**BUCKLEY AFB:**  
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).

**CENTENNIAL:**  
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).

**BUCKLEY AFB:**  
**NOTE: RWY 14:** TERRAIN 110 FT FROM DER, 529 FT LEFT OF CENTERLINE, 566 FT MSL.

**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.

**LOST COMMUNICATIONS PROCEDURES:**

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

**ADDITIONAL FLIGHT DATA:**

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



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**DENVER INTL - CHART:** TOP ALTITUDE: 10000  
**CENTENNIAL - CHART:** TOP ALTITUDE: ASSIGNED BY ATC  
**ROCKY MOUNTAIN METROPOLITAN - CHART:** TOP ALTITUDE: ASSIGNED BY ATC.  
**BUCKLEY AFB - 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.  
**NORTHERN COLORADO RGNL- CHART:** TOP ALTITUDE: ASSIGNED BY ATC.

**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
BUCKLEY AFB (KBKF)	AURORA	CO
NORTHERN COLORADO RGNL (KFNL)	FORT COLLINS/LOVELAND	CO
COLORADO AIR AND SPACE PORT (KCFO)	DENVER	CO
GREELEY-WELD COUNTY (KGXY)	GREELEY	CO

**COMMUNICATIONS:**

**DENVER INTL:** D-ATIS DEP, CLNC DEL, CPDLC, DEN DEP CON.  
**CENTENNIAL:** ATIS, CLNC DEL, DEN DEP CON.  
**ROCKY MOUNTAIN METROPOLITAN:** ATIS, CLNC DEL, DEN DEP CON.  
**BUCKLEY AFB:** 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).  
**GREELEY-WELD COUNTY:** CLNC DEL, DEN DEP CON.

**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.



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**FLIGHT INSPECTED BY:**

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCT 3, 2018: SUBJECT: FLIGHT INSPECTION REVIEW  
NOT REQUIRED.

**OFFICE SYMBOL:**

**DATE:**

*Digitally signed by*

**WARDELL HENNING**

Apr 17, 2020

**DEVELOPED BY:**

WARDELL HENNING (KELLY CARLSON)

*Digitally signed by*

**WARDELL HENNING**

Apr 17, 2020

**OFFICE SYMBOL:**

**DATE:**

AJV-A432

02/05/2020

**APPROVED BY:**

GEORGE DAVIS

*Digitally signed by*

**WARDELL HENNING**

Apr 17, 2020

**OFFICE SYMBOL:**

**DATE:**

AJV-A430

**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, BKL ATCT, DEN APP CON, CO AERO MGR, AMGR'S

**CHANGES - REASONS:**

1. IN THE RAPID CITY (YELLO4.RAP) TRANSITION, AMENDED NAVAID FROM "GLL VORTAC" TO "GLL VOR/DME" - CORRECTED TO MATCH AIRNAV DATA.
2. UNDER AIRPORTS SERVED, AMENDED CITY SERVED FROM "GREENLEY" TO "GREELEY" - CORRECTED SPELLING.

