

**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SUPERSEDED NUMBER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>
PIKES	TWO	PIKES2.DEN	ONE	08/06/2018	30 JAN 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 ALL RUNWAYS: 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 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 ROUTE. 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 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.



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PIKES	TWO	PIKES2.DEN	ONE	08/06/2018	30 JAN 2020

GREELEY-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>
PUEBLO	PIKES2.PUB	DEN VOR/DME	ADANE	159.15 (DEN R-159)	55.11	11000	9700	
			DRAKE	174.19 (PUB R-354)	18.55	9000		
			PUB VORTAC	174.19 (PUB R-354)	18.74	7800		
ALAMOSA	PIKES2.ALS	DEN VOR/DME	TEHEV	197.00 (DEN R-197)	82.39	FL230	14300	
			ALS VORTAC	182.00 (ALS R-002)	75.45	FL230		
BINKE	PIKES2.BINKE	DEN VOR/DME	TEHEV	197.00 (DEN R-197)	82.39	FL230	14300	
			BINKE	182.00 (ALS R-002)	34.62	FL230		

PROCEDURAL DATA NOTES:
NOTE: RADAR REQUIRED.

TAKEOFF MINIMUMS:
DENVER INTERNATIONAL:
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.

ROCKY MOUNTAIN METROPOLITAN:
RWY 3, 12R, 12L, 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:



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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 LIGHT ON BLDG 393302.52N/1045119.43W, 6559 FT MSL MO 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 VIA DIRECT DEN VOR/DME, THENCE VIA ASSIGNED TRANSITION. IF FILED ALTITUDE IS ABOVE 10000 FEET, CROSS DEN VOR/DME AT OR ABOVE 11000 FEET.

ADDITIONAL FLIGHT DATA:
CHART BRK R-091 TO ADANE AND BRK R-145 TO DRAKE. CHART HGO R-245 TO DRAKE. CHART PUB R-282 TO TEHEV AND PUB R-245 TO BINKE

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.
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.



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AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
DENVER (KDEN)	DENVER	CO
CENTENNIAL (KAPA)	DENVER	CO
ROCKY MOUNTAIN METROPOLITAN (KBJC)	DENVER	CO
BUCKLEY AFB (BKF)	AURORA	CO
NOTHERN 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:

SOLAR, HGO VOR/DME, BRK VOR/DME

REMARKS:

ABBREVIATED AMENDMENT

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.

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, RWY 28 CLIMB GRADIENT AND CLIMB TO ALTITUDE ARE BOTH DETERMINED BY THE LOCATION OF 8000 MVA AND PROXIMITY TO HIGHER MVA'S.



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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 22, 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
<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, DEN 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.

