

**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SUPERSEDED NUMBER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>
DENVER	ONE		NINE	09/15/2016	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 type="checkbox"/>	<input type="checkbox"/>

DP ROUTE DESCRIPTION:
DENVER INTL:

THIS IS A CORRECTED COPY OF THE PROCEDURE PREVIOUSLY PUBLISHED IN NFDD 137

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 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 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.

FRONT RANGE:

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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DENVER	ONE		NINE	09/15/2016	13 SEP 18

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>
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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.

ROCKY MOUNTAIN METROPOLITAN:

RWY 3, 12R, 12L, 21, 30R, 30L: STANDARD.

BUCKLEY AFB:

ALL RUNWAYS: STANDARD.

NORTHERN COLORADO RGNL:

RWY 6, 24: NA - VFR RUNWAY.

RWY 15, 33: STANDARD.

FRONT RANGE:

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).



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BUCKLEY AFB:

NOTE: RWY 14: TERRAIN 110 FT FROM DER, 529 FT LEFT OF CENTERLINE, 5666 FT MSL.

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).

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 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.

ADDITIONAL FLIGHT DATA:

DENVER INTL - CHART: TOP ALTITUDE: 10000.

CENTENNIAL - 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
FRONT RANGE (KFTG)	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.



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FRONT RANGE: ATIS, CLNC DEL, DEN DEP CON, DEN CLNC DEL (WHEN TOWER CLOSED).

GREELY-WELD COUNTY: CLNC DEL, DEN DEP CON.

FIXES AND/OR NAVAIDS:

OCS, RLG, EKR, JNC, HBU, GLL, DEN, AKO, HGO, LAR, BRK, SNY, VOR/DME'S. DVV, CYS, FQF, PUB, TXC, HCT, GLD, GCK VORTAC'S.

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 ASSIGNED ROUTE.

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.

FLIGHT INSPECTED BY:

OFFICE SYMBOL:

DATE:

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

DEVELOPED BY:

LONNIE EVERHART
(TARA N. MARTINELLI)

Digitally signed by

DONALD H LANIER

Aug 06, 2018

Digitally signed by

DONALD H LANIER

Aug 06, 2018

OFFICE SYMBOL:

AJV-5400

DATE:

4/13/2018

APPROVED BY:

LONNIE EVERHART

Digitally signed by

DONALD H LANIER

Aug 06, 2018

OFFICE SYMBOL:

AJV-5400

DATE:

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 RGNL, AND GREELEY-WELD COUNTY THENCE INSTRUCTIONS TO REMOVE "EXPECT RADAR VECTORS" AND REPLACED WITH "RADAR VCTORS" - PER THE 8260-46F, 1-1-6, "EXPECT" CANNOT BE USED WHEN REFERRING TO RADAR VECTORS.
3. REMOVED TAKEOFF OBSTACLE NOTES AT ALL AIRPORTS WITH THE EXCEPTION OF BUCKLEY AFB (BUCKLEY FIELD DOES NOT HAVE AN 8260-15A) AND REPLACED 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. COMMUNICATIONS BLOCK: MATCHED AND/OR STANDERDIZED TO CURRENT FREQUENCIES ON PUBLISHED TPP - COORDINATED/VERIFIED WITH FPT/ATC.

QUALITY
4
CHECKED

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07/30/2018: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 07/13/2018

1. DP ROUTE DESCRIPTION: REMOVED REPEATED INFORMATION FOR GREENLY-WELD COUNTY "... RADAR VECTORS ASSIGNED ROUTE. EXPECTED FILED ALTITUDE 10 MINUTES AFTER DEPARTURE".

