

**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SUPERSEDED NUMBER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>
SQUAT	FIVE	SQUAT5.SQUAT	FOUR	02/01/2018	06/15/2023
<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DP ROUTE DESCRIPTION:

TAKEOFF RWY 26: CLIMB ON COURSE 258.44 TO GNBRL, THEN ON TRACK 233.31 TO YIRDU, THEN ON TRACK 217.90 TO SQUAT, MAINTAIN 10600 OR AS ASSIGNED.

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:

PBN REQUIREMENTS NOTES:

RNAV 1 - GPS

EQUIPMENT REQUIREMENT NOTES:

TAKEOFF MINIMUMS:

RWY 26: STANDARD WITH MINIMUM CLIMB OF 431 FT/NM TO 9800.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 26: VEHICLES ON ROAD 37 FT FROM DER, 267 FT LEFT OF CENTERLINE, UP TO 5481 FT MSL.

POLE 1419 FT FROM DER, 615 FT LEFT OF CENTERLINE, 5507 FT MSL.

TRANSMISSION LINE AND POLE BEGINNING 1502 FT FROM DER, 701 FT LEFT OF CENTERLINE, UP TO 129 FT AGL/5559 FT MSL.

CONTROLLING OBSTACLES:

RWY 26: 9119 FT MSL AAO 393203.17N/1075724.71W (CLIMB GRADIENT), 9079 FT MSL AAO 393135.48N/1075745.58W (CLIMB-TO ALTITUDE).

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 26: 11112 FT MSL AAO 392315.00N/1075203.00W.

MSA:

MSA FROM KRIL 13000.

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

AIRPORT MV: RIL (P) 10E/2010.

DME/DME ASSESSMENT: NOT CONDUCTED.



AIRPORTS SERVED:

AIRPORT ID	CITY	STATE
KRIL	RIFLE	CO

COMMUNICATIONS:

CHART: ZDV.

FIXES AND/OR NAVAIDS:

REMARKS:

1. RNAV LEVEL 1 USED TO AVOID OBSTACLES.
2. 50 FT MAXIMUM VEGETATION HEIGHT UTILIZED.
3. SEGMENT YIRDU TO SQUAT LEVEL SURFACE CONTROLLING OBSTACLE: 8599 FT MSL AAO 392616.89N/1080616.59W.
4. CLIMB GRADIENT CONTROLLING OBSTACLE 9119 FT MSL AAO 393203.17N/1075724.71W IS 5995 FT INTO SECONDARY OBSTACLE EVALUATION AREA.
5. CLIMB-TO ALTITUDE CONTROLLING OBSTACLE 9079 FT MSL AAO 393058.15N/1075721.27W IS 4230 FT INTO SECONDARY OBSTACLE EVALUATION AREA.

FLIGHT INSPECTED BY

PENDING

Digitally signed by
DAVID TEFFETELLER
Mar 10, 2023

OFFICE DATE

DEVELOPED BY

MICHAEL MCCARTNEY

Digitally signed by
MICHAEL A MCCARTNEY
Feb 01, 2023

OFFICE DATE
AJV-A431 01/26/2023

APPROVED BY

JOHNNIE BAKER

Digitally signed by
ERIC N SUSKI
Feb 27, 2023

OFFICE DATE TITLE
AJV-A430 MANAGER

REQUIRED EFFECTIVE DATE

06/15/2023

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZDV, CO AERO, AMGR

CHANGES - REASONS:

1. ESTABLISHED FIX GNBRL. – FPT REQUEST FOR PROCEDURE REDESIGN.
2. CHANGED DP ROUTE DESCRIPTION FROM "TAKEOFF RWY 26: CLIMB HEADING 258.46 TO INTERCEPT COURSE 235.27 TO YIRDU, THEN ON TRACK 218.05 TO SQUAT," TO "TAKEOFF RWY 26: CLIMB ON COURSE 258.44 TO GNBRL, THEN ON TRACK 232.31 TO YIRDU, THEN ON TRACK 217.90 TO SQUAT,". – FPT REQUEST PROCEDURE REDESIGN ADDING COURSE-TO-FIX GNBRL ON INITIAL CLIMB, AND UPDATED SEGMENT LEG YIRDU TO SQUAT TRACK.
3. CHANGED DP ROUTE DESCRIPTION MAINTAIN ALTITUDE FROM 10500 TO 10600. - NEW LEVEL SURFACE CONTROLLING OBSTACLE FROM AIRCRAFT LEVEL OFF TO FIX SQUAT WITH MOUNTAINOUS ENROUTE ROC APPLIED.
4. MOVED FROM PROCEDURAL DATA NOTES "NOTE: GPS REQUIRED" AND "NOTE: RNAV 1" TO PBN REQUIREMENT NOTES AND REFORMATTED TO READ "RNAV 1 – GPS". – IAW FAAO 8260.46J PARAGRAPH 2-1-1.F AND APPENDIX E.SECTION 1.2.E.
5. CHANGED TAKEOFF MINIMUMS FOR RWY 26 FROM "STANDARD WITH MINIMUM CLIMB OF 399 FT PER NM TO 9700" TO "STANDARD WITH MINIMUM CLIMB OF 431 FT/NM TO 9800". – NEW CLIMB GRADIENT AND CLIMB-TO ALTITUDE CONTROLLING OBSTACLES, AND FORMAT IAW FAAO 8260.46J APPENDIX E.SECTION 1.2.H.(3).
6. UPDATED TAKEOFF OBSTACLE NOTES FOR RWY 26. – NEW LOW CLOSE-IN OBSTACLES IDENTIFIED.
7. CHANGED CONTROLLING OBSTACLES RWY 26 FROM 9074 FT MSL AAO 393115.78N/1075816.23W TO 9119 FT MSL AAO 393203.17N/1075724.71W (CLIMB GRADIENT), 9079 FT MSL AAO 393135.48N/1075745.58W (CLIMB-TO ALTITUDE). – PROCEDURE REDESIGN AND NEW OBSTACLES IDENTIFIED.
8. CHANGED CONTROLLING OBSTACLES, OBSTACLES MANDATING ODP ROUTE DEVELOPMENT FROM "RWY 26 - 11360FT MSL AAO 392311.10N/1075202.50W" TO "RWY 26: 11112 FT MSL AAO 392315.00N/1075203.00W". – NEW OBSTACLE EVALUATION WITH UPDATED TERRAIN MAPS, AND FORMAT IAW FAAO 8260.46J APPENDIX E.2.J.(3).



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SQUAT	FIVE	SQUAT5.SQUAT	FOUR	02/01/2018	06/15/2023

9. ADDED MSA "MSA FROM KRIL 13000". – REQUIRED IAW FAAO 8260.46J APPENDIX E.SECTION 1.2.K.

10. UPDATED ADDITIONAL FLIGHT DATA MAGNETIC VARIATION FORMAT FROM "REFERENCE MAG VAR: KRIL 10E EPOCH YR: 2010" TO "AIRPORT MV: RIL (P) 10E/2010". – IAW AJV-A MEMORANDUM, "MAGNETIC VARIATION DOCUMENTATION FOR STANDARD INSTRUMENT DEPARTURES AND GRAPHIC OBSTACLE DEPARTURE PROCEDURES", DATED 07/15/2022.

11. DELETED AIRPORT NAME "RIFLE GARFIELD COUNTY" FROM AIRPORTS SERVED AND ADDED AIRPORT ID "KRIL". – FORMAT IAW FAAO 8260.46J APPENDIX E.SECTION 1.2.N.

12. ADDED VERBIAGE "CHART:" TO COMMUNICATIONS BLOCK. – REQUIRED IAW FAAO 8260.46J APPENDIX E.SECTION 2.O AND FIGURE E.3.

13. DELETED REMARK: ABBREVIATED AMENDMENT. – NOT REQUIRED, THIS IS A FULL AMENDMENT.

14. ADDED REMARK: 50 FT MAXIMUM VEGETATION HEIGHT UTILIZED. – PER FPT REQUEST.

15. ADDED REMARK: SEGMENT YIRDU TO SQUAT LEVEL SURFACE CONTROLLING OBSTACLE: 8599 FT MSL AAO 392616.89N/1080616.59W.

16. ADDED REMARK: CLIMB GRADIENT CONTROLLING OBSTACLE 9119 FT MSL AAO 393203.17N/1075724.71W IS 5995 FT INTO SECONDARY OBSTACLE EVALUATION AREA.

17. ADDED REMARK: CLIMB-TO ALTITUDE CONTROLLING OBSTACLE 9079 FT MSL AAO 393058.15N/1075721.27W IS 4230 FT INTO SECONDARY OBSTACLE EVALUATION AREA.

18. CHANGED FORM 8260-15C LEG TYPES RW26(AER) TO FIX YIRDU FROM "VI" AND "CF", TO "CF" TO FIX GNBRL AND "TF" TO FIX YIRDU. - FPT REQUEST DESIGN.

19. DELETED TAKEOFF MINIMUMS "RWY 8: NA - AIR TRAFFIC." - NOT REQUIRED.

20. DELETED FORM 8260-15C REMARK "RECOMMENDED NAVAID: RIL VOR/DME". - NO LONGER REQUIRED.



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)**

DP NAME						NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
SQUAT						FIVE	SQUAT5.SQUAT	FOUR	02/01/2018	06/15/2023
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS	
RW26 (AER)	393136.72N/1074256.11W	N	-	-	-	-				
GNBRL	393127.20N/1075021.93W	Y	FB	CF	268.44	5.75			CG 431 FT/NM TO 9800	
YIRDU	392716.39N/1080104.29W	Y	FB	TF	243.31	9.28				
SQUAT	391838.24N/1081321.50W	Y	FB	TF	227.90	12.85				

