

**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SUPERSEDED NUMBER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>
KILLY	ONE	KILLY1.KILLY	NONE		22 JUN 2017
<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 checked="" type="checkbox"/>

DP ROUTE DESCRIPTION:

TAKEOFF RWY 2: CLIMB HEADING 019.83 TO INTERCEPT COURSE 290.14 TO CROSS KECEK AT OR ABOVE 7000 AND AT OR BELOW 230 KIAS, THEN ON TRACK 215.69 TO CROSS EEEVL AT OR ABOVE 9000, THEN ON TRACK 166.65 TO KNEVL, THEN ON TRACK 173.44 TO KILLY, THENCE...

TAKEOFF RWY 20: CLIMB HEADING 199.84 TO 3480, THEN CLIMBING RIGHT TURN DIRECT TO CROSS DAACE AT OR ABOVE 6300, THEN ON TRACK 208.04 TO CROSS PYGMY AT OR ABOVE 8300, THEN ON TRACK 207.97 TO KILLY, THENCE...

ON (TRANSITION). MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE FIVE 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>
EYCHO	KILLY1.EYCHO	KILLY	ZAMON	TRACK 204.58	6.00	8300		ZAMON AT/ABOVE 10000
			EYCHO	TRACK 204.50	10.00	9000		EYCHO AT/ABOVE 12000
EYESE	KILLY1.EYESE	KILLY	BOFVY	TRACK 240.38	14.30	8300		
			OLIBY	TRACK 240.12	10.00	9000		
			EYESE	TRACK 239.94	10.05	9000		
RIDDG	KILLY1.RIDDG	KILLY	RIDDG	TRACK 247.35	6.09	8300		RIDDG AT/ABOVE 10000

PROCEDURAL DATA NOTES:

NOTE: GPS REQUIRED.

NOTE: RNAV 1.

TAKEOFF MINIMUMS:

RWY 12, 30: NA - ATC.

RWY 2: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 4200.

RWY 20: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 4700.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 2, TREE 1468 FT FROM DER, 757 FT RIGHT OF CENTERLINE, 3061 FT MSL. TREES BEGINNING 1546 FT FROM DER, 674 FT RIGHT OF CENTERLINE, UP TO 3065 FT MSL.

NOTE: RWY 20, TREE 2320 FT FROM DER, 1054 FT LEFT OF CENTERLINE, 3041 FT MSL. TREES BEGINNING 2741 FT FROM DER, 1139 FT LEFT OF CENTERLINE, UP TO 3057 FT MSL. TREE 1 NM FROM DER, 2035 FT RIGHT OF CENTERLINE, 3137 FT MSL. TREES BEGINNING 1 NM FROM DER, 1679 FT RIGHT OF CENTERLINE, UP TO 3141 FT MSL. TREES BEGINNING 1.2 NM FROM DER, 2281 FT RIGHT OF CENTERLINE, UP TO 3152 FT MSL. TREE 1.2 NM FROM DER, 2339 FT RIGHT OF CENTERLINE, 3154 FT MSL.



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KILLY	ONE	KILLY1.KILLY	NONE		22 JUN 2017

CONTROLLING OBSTACLES:

RWY 2: 5759 FT MSL AAO 482926.00N/1142141.00W.
RWY 20: 5639 FT MSL AAO 481050.00N/1143157.00W.

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR: KGPI 15E, EPOCH YEAR 2010

DME/DME/IRU ASSESSMENT: UNSAT (RNP 2.0)

CHART: TOP ALTITUDE: ASSIGNED BY ATC.

CHART SPEED ICON: MAXIMUM SPEED 230 KIAS AT KECEK.

CHART SPEED ICON: MANDATORY SPEED 250 KIAS AT RIDDG.

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
GLACIER PARK INTL	KALISPELL	MT

COMMUNICATIONS:

ATIS, GND CON, TWR, GTF RADIO, ZLC

FIXES AND/OR NAVAIDS:



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KILLY	ONE	KILLY1.KILLY	NONE		22 JUN 2017

REMARKS:

1. RNAV ENGAGEMENT CLIMB GRADIENT (500 FT PER NM) CONTINUED TO 4200 FOR RWY 2 AND 4700 FOR RWY 20 FOR OBSTACLE MITIGATION.
2. MOCA(S) NOT PUBLISHED IN ENROUTE TRANSITIONS IN ACCORDANCE WITH FAAO 8260.46F, APPENDIX E, PARA H (ALL VALUES WITHIN 500 FEET OF PUBLISHED MEA).
3. MANDATORY 250 KIAS SPEED AT RIDDG REQUIRED TO MEET MINIMUM LEG LENGTH CRITERIA. ZLC WILL CLEAR AIRCRAFT NORTHBOUND AFTER RIDDG.

FLIGHT INSPECTED BY:*Digitally signed by***ROBERT G HAMILTON**

SCOTT A THOMPSON

Apr 19, 2017

OFFICE SYMBOL:**DATE:**

FICO

04/11/2017

DEVELOPED BY:*Digitally signed by***PETER R GUIMOND**

PETER GUIMOND

Dec 28, 2016

OFFICE SYMBOL:**DATE:**

AJV-5422

12/28/2016

APPROVED BY:*Digitally signed by***ROBERT G HAMILTON**

JULIE MORGAN

Apr 19, 2017

OFFICE SYMBOL:**DATE:**

AJV-5420

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:A4AALPAAOPAAPAHAINBAA**OTHER:**

ZLC, GPI ATCT, AMGR

CHANGES - REASONS:

ORIGINAL - WESTERN FPT REQUEST.

QUALITY
3
CHECKED

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

DP NAME							NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
KILLY							ONE	KILLY1.KILLY	NONE		22 JUN 2017
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED		REMARKS	
RW02 (AER)	481755.68N/1141603.55W	N	-	-	-	-					
	482131.14N/1141218.58W	-	-	VI	034.83	4.38				CG 500 FT/NM TO 4200	
KECEK	482638.07N/1142315.20W	Y	FB	CF	305.14	8.91	AT/ABOVE 7000	AT/BELOW 230K		RECOMMENDED NAVAID: MLP VOR/DME	
EEVEL	482157.24N/1143149.31W	Y	FB	TF	230.69	7.38	AT/ABOVE 9000				
KNEVL	481351.97N/1143210.22W	Y	FB	TF	181.65	8.10					
KILLY	480855.40N/1143315.95W	Y	FB	TF	188.44	5.00					
RW20 (AER)	481908.62N/1141447.46W	N	-	-	-	-					
3480 MSL		-	-	VA	214.84	-				CG 500 FT/NM TO 4700	
DAACE	481455.69N/1142453.62W	Y	FB	DF	-	-	AT/ABOVE 6300			RIGHT TURN	
PYGMY	481053.01N/1143032.28W	Y	FB	TF	223.04	5.53	AT/ABOVE 8300				
KILLY	480855.40N/1143315.95W	Y	FB	TF	222.97	2.68					
KILLY	480855.40N/1143315.95W	Y	-	IF	-	-				KILLY1.EYCHO	
ZAMON	480417.96N/1143857.94W	Y	FB	TF	219.58	6.00	AT/ABOVE 10000				
EYCHO	475634.92N/1144825.66W	Y	FB	TF	219.50	10.00	AT/ABOVE 12000				
KILLY	480855.40N/1143315.95W	Y	-	IF	-	-				KILLY1.EYESE	
BOFVY	480517.17N/1145354.32W	Y	FB	TF	255.38	14.30					
OLIBY	480242.29N/1150818.54W	Y	FB	TF	255.12	10.00					
EYESE	480004.83N/1152245.62W	Y	FB	TF	254.94	10.05					

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KILLY		ONE		KILLY1.KILLY		NONE			22 JUN 2017
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
KILLY	480855.40N/1143315.95W	Y	-	TF	-	-			KILLY1.RIDDG
RIDDG	480806.37N/1144216.95W	Y	FB	TF	262.35	6.09	AT/ABOVE 10000	AT 250K	

QUALITY
3
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