

TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
DORIA	RULIE (FO)	292.91 / 11.70	4500	LPV: DA LNAV/VNAV: DA LNAV: RW11 CLIMB TO 4800 DIRECT CARAV AND HOLD.	
GGW VOR/DME (IAF)	RULIE (NOPT) (FB)	083.51 / 32.36	4500		
RULIE (IF/IAF)	WOLIV (FB)	110.80 / 6.00	3600		
WOLIV (FAF)	ZIGAB/2.90 NM TO RW11 (FB)	110.90 / 2.04		ADDITIONAL FLIGHT DATA: HOLD E, RT, 291.19 INBOUND. FAS OBST: 2233 GRD 480740N/1053809W DISTANCE TO THLD FROM 200 HATH: 0.50 NM. CHART VDP AT 1.53 MILES TO RW11* *LNAV ONLY. WAAS CHANNEL # 77929 REFERENCE PATH ID: W11A LTP HAE: 588.3 M	
ZIGAB/2.90 NM TO RW11	RW11 (MAP) (FO)	110.93 / 2.90			
RW11 (MAP)	2187 MSL	110.93			
2187 MSL	CARAV (FO)		4800		

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD W RULIE, RT, 110.80 INBOUND, 4500 FT. IN LIEU OF PT (IAF)
3. FAC: 110.90 FAF: WOLIV DIST FAF TO MAP: 4.94 THLD: 4.94
4. MIN. ALT: RULIE 4500, WOLIV 3600, ZIGAB/2.90 NM TO RW11 2940*
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 3600 GS ALT AT: WOLIV 3600 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM: RW11 4200

MAG VAR: 9E EPOCH YEAR: 2015

MINIMUMS															
TAKEOFF:	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A			STANDARD @					
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	2187	3/4	200	2187	3/4	200	2187	3/4	200	2187	3/4	200			
LNAV/VNAV DA	2265	7/8	278	2265	7/8	278	2265	7/8	278	2265	7/8	278			
LNAV MDA	2500	1	513	2500	1	513	2500	1 3/8	513	2500	1 3/8	513			
CIRCLING	2500	1	511	2500	1	511	2500	1 1/2	511	2540	2	551			

NOTES:
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 54C (130F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GGW VORTAC ON V254 NORTHWEST BOUND.
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
 (SEE FORM 8260-10)



CITY AND STATE WOLF POINT, MT	ELEVATION: 1989 THRE: 1987 AIRPORT NAME: L M CLAYTON	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 11, AMDT 1 20 SEPTEMBER 2012	SUP: AMDT: ORIG-A DATED 11/25/2004
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US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GLASGOW ALTIMETER SETTING AND INCREASE ALL DA 141 FEET AND ALL MDA 160 FEET AND INCREASE LPV ALL CATS VISIBILITY 3/8 MILE; LNAV/VNAV ALL CATS 1/2 MILE; LNAV CATS C/D 1/2 MILE; CIRCLING CAT C 1/2 MILE AND CAT D 1/4 MILE.

CHART NOTE: BARO-VNAV AND VDP NA WITH GLASGOW ALTIMETER SETTING.

QUALITY
 3
 CHECKED

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**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KOLF
RUNWAY	RW11
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W11A
LTP/FTP LATITUDE	480552.7780N
LTP/FTP LONGITUDE	1053502.6700W
LTP/FTP ELLIPSOIDAL HEIGHT	+05883
FPAP LATITUDE	480508.2700N
FPAP LONGITUDE	1053307.5600W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1200
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER DB6BA75C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+06056
FPAP ORTHOMETRIC HEIGHT	+06056

QUALITY
1
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	AIRPORT NAME: L M CLAYTON			AMDT: ORIG-A
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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/PB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	DORIA	DORIA	010		IF		PB					
	DORIA	RULIE	020		TF		FO	2.0	292.9(301.9T)	011.7	AA 04500	
	DORIA	RULIE	030	IAF	HF	R	FO		110.8(119.8T)	004.0	AA 04500	
	GGW	GGW	010	IAF	IF		PB					
	GGW	RULIE	020		TF		PB	1.0	083.5(092.5T)	032.4	AA 04500	
		RULIE	010	FACF	IF		PB				AA 04500	
		WOLIV	020	FAF	TF		PB	0.5	110.8(119.8T)	006.0	AA 03600	
		ZIGAB	021	SDF	TF		PB	0.3	110.9(119.9T)	002.0	AA 02940 GS 02950	
		RW11	030	MAP	TF		FO	0.3	110.9(119.9T)	002.9	AT 02027	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/PB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		PB		110.9(119.9T)		AA 02187	
	CARAV	050		DF		FO				AA 04800	
	CARAV	060		HM	R	FO		291.2(300.2T)	004.0	AA 04800	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GGW	N481255.10	W1063731.51	N4812.918	W10637.525
	CARAV	N475930.18	W1051837.90	N4759.503	W10518.632
	DORIA	N480509.86	W1053421.79	N4805.164	W10534.363
	RULIE	N481119.69	W1054912.40	N4811.328	W10549.207
	WOLIV	N480820.61	W1054125.97	N4808.344	W10541.433
	ZIGAB	N480719.61	W1053847.63	N4807.327	W10538.794
	RW11	N480552.78	W1053502.67	N4805.880	W10535.045

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW11	01987	40



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