

<b>RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33</b>						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.										
TERMINAL ROUTES											MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE			ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW04  CLIMB TO 6000 DIRECT AXUPE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000.  ADDITIONAL FLIGHT DATA: HOLD NE, RT, 223.11 INBOUND. CHART FAS OBST: 2790 NAV 462444N/1055618W DISTANCE TO THLD FROM 250 HAT: 0.66 NM. CHART VDP AT 1.16 MILES TO RW04* *LNAV ONLY. WAAS CHANNEL # 42600 REFERENCE PATH ID: W04A CHART CIRCLING ICON. LTP HAE: 785.4 M							
TEJIY (IAF)		OPEJY (NOPT) (FB)		132.64 / 10.00			5500									
ONBOH (IAF)		OPEJY (NOPT) (FB)		312.86 / 10.00			5500									
OPEJY (IF/IAF)		UCVIC (FB)		042.75 / 7.03			4300									
UCVIC (FAF)		YULUT/2.40 NM TO RW04 (FB)		042.85 / 2.72												
YULUT/2.40 NM TO RW04		RW04 (MAP) (FO)		042.85 / 2.40												
RW04 (MAP)		2879 MSL		042.85												
2879 MSL		AXUPE (FO)					6000									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SW OPEJY, RT, 042.75 INBOUND, 5500 FT. IN LIEU OF PT (IAF) 3. FAC: 042.85 FAF: UCVIC DIST FAF TO MAP: 5.12 THLD: 5.12 4. MIN. ALT: OPEJY 5500, UCVIC 4300, YULUT/2.40 NM TO RW04 3420* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 4300 GS ALT AT: UCVIC 4300 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR 8. MSA FROM: _____											MAG VAR: 9E		EPOCH YEAR: 2020			
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	2879	1	250	2879	1	250	2879	1	250	2879	1	250				
LNAV/VNAV DA	2879	1	250	2879	1	250	2879	1	250	2879	1	250				
LNAV MDA	3040	1	411	3040	1	411	3040	1 1/8	411	3040	1 1/8	411				
CIRCLING	3060	1	430	3100	1	470	3120	1 1/2	490	3320	2 1/4	690				
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25C (-13F) OR ABOVE 54C (130F). CHART NOTE: BARO-VNAV AND VDP NA WHEN USING FORSYTH ALTIMETER SETTING. CHART NOTE: DME/DME RNP-0.3 NA. (CONTINUED ON PAGE 2)																
CITY AND STATE		ELEVATION: 2630 TDZE: 2629			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:					SUP:				
MILES CITY, MT		AIRPORT NAME:			FRANK WILEY FIELD		RNAV (GPS) RWY 4, AMDT 3					AMDT: 2B				
							26 MAY 2016					DATED 10/15/2015				



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
**RNAV - STANDARD**  
**INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

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**NOTES, (CONT.):**

**\*LNAV ONLY**

**CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORSYTH ALTIMETER SETTING: INCREASE LPV AND LNAV/VNAV DA TO 2967 AND ALL VISIBILITY 1/8 MILE. INCREASE ALL MDA 100 FT. AND ALL CAT C AND D VISIBILITY 1/4 MILE.**

**TAA**

	<b>FROM</b>	<b>TO</b>	<b>ALT</b>
1.	313/30 CW 133/30 (NOPT)	313/10 CW 133/10	6200
2.	313/10 CW 133/10	OPEJY (IF/IAF) (FB)	5500
3.	133/30 CW 223/30	TEJIY (IAF) (FB)	5700
4.	223/30 CW 313/30	ONBOH (IAF) (FB)	5900

QUALITY  
16  
CHECKED

CITY AND STATE  
**MILES CITY, MT**

**ELEVATION: 2630**      **TDZE: 2629**  
AIRPORT NAME:  
**FRANK WILEY FIELD**

FACILITY  
IDENTIFIER:  
**RNAV**

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
**RNAV (GPS) RWY 4, AMDT 3**  
26 MAY 2016

SUP:  
AMDT: **2B**  
DATED: **10/15/2015**

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

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**FAS DATA BLOCK INFORMATION****DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMLS
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	462518.1910N
LTP/FTP LONGITUDE	1055347.8875W
LTP/FTP ELLIPSOIDAL HEIGHT	+07854
FPAP LATITUDE	462613.1130N
FPAP LONGITUDE	1055206.4800W
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	1024
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

**CRC REMAINDER**

877CE394

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+08013
FPAP ORTHOMETRIC HEIGHT	+08013

QUALITY  
16  
CHECKED

CITY AND STATE  MILES CITY, MT	ELEVATION: 2630 AIRPORT NAME:  FRANK WILEY FIELD	TDZE: 2629   	FACILITY IDENTIFIER:  RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  RNAV (GPS) RWY 4, AMDT 3 26 MAY 2016	SUP:
					AMDT: 2B
					DATED: 10/15/2015

**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33**

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ARINC SUMMARY - KMLS

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
ONBOH	010	ONBOH	IF	FB										E A
ONBOH	020	OPEJY	TF	FB	1.0	312.9						AA 05500		EE B
OPEJY	010	OPEJY	HF	FO		042.8			R			AA 05500		EE A
TEJIY	010	TEJIY	IF	FB										E A
TEJIY	020	OPEJY	TF	FB	1.0	132.6						AA 05500		EE B
	010	OPEJY	IF	FB								AA 05500		E I
	020	UCVIC	TF	FB	1.0	042.8						AA 04300		E F
	021	YULUT	TF	FB	0.3	042.9		3.00				AA 03420 GS 03433		E S
	030	RW04	TF	FO	0.3	042.9		3.00				AT 02669		GY M
	040		CA	FB		042.9						AA 02879		M
	050	AXUPE	DF	FO								AA 06000		EY
	060	AXUPE	HM	FO		223.1			R			AA 06000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
AXUPE	N463352.59	W1053754.10
ONBOH	N460956.60	W1055841.16
OPEJY	N461747.89	W1060735.49
TEJIY	N462538.55	W1061632.47
UCVIC	N462208.61	W1055937.14
YULUT	N462349.38	W1055631.66

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW04	N462518.19	W1055347.89	02629	40

QUALITY  
16  
CHECKED

CITY AND STATE <b>MILES CITY, MT</b>	ELEVATION: <b>2630</b> TDZE: <b>2629</b>	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: <b>FRANK WILEY FIELD</b>	<b>RNAV</b>	<b>RNAV (GPS) RWY 4, AMDT 3</b> 26 MAY 2016	AMDT: <b>2B</b>
				DATED: <b>10/15/2015</b>