

RNAV - STANDARD US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION						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.									
TERMINAL ROUTES																MISSED APPROACH									
FROM				TO				COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW13 CLIMB TO 6000 DIRECT BOKDE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 306.04 INBOUND. CHART FAS OBST: 2709 TREE 462707N/1055611W 2960 AAO 462854N/1055857W. DISTANCE TO THLD FROM 250 HAT: 0.61 NM. CHART VDP AT 0.90 MILES TO RW13* *LNAV ONLY. WAAS CHANNEL # 97340 REFERENCE PATH ID: W13A CHART CIRCLING ICON. LTP HAE: 785.7 M											
DEYEN (IAF)				EGITE (NOPT) (FB)				215.85 / 10.00				5500													
DHAKS (IAF)				EGITE (NOPT) (FB)				035.61 / 10.00				5500													
EGITE (IF/IAF)				JAXOD (FB)				125.73 / 6.96				4300													
JAXOD (FAF)				RW13 (MAP) (FO)				125.82 / 5.11																	
RW13 (MAP)				2880 MSL				125.82				6000													
2880 MSL				BOKDE (FO)																					
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NW EGITE, RT, 125.73 INBOUND, 5500 FT. IN LIEU OF PT (IAF) 3. FAC: <u>125.82</u> FAF: <u>JAXOD</u> DIST FAF TO MAP: <u>5.11</u> THLD: <u>5.11</u> 4. MIN. ALT: <u>EGITE 5500, JAXOD 4300</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>4300</u> GS ALT AT: <u>JAXOD 4300</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>43.4</u> 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	2880	1	250	2880	1	250	2880	1	250	2880	1	250													
LNAV/VNAV DA	2880	1	250	2880	1	250	2880	1	250	2880	1	250													
LNAV MDA	2960	1	330	2960	1	330	2960	1	330	2960	1	330													
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 -24C (-11F) 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: 2630				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:									
MILES CITY, MT				AIRPORT NAME:								RNAV (GPS) RWY 13, ORIG				AMDT: NONE									
				FRANK WILEY FIELD								26 MAY 2016				DATED									



**RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

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NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORSYTH ALTIMETER SETTING; INCREASE LPV AND LNAV/VNAV DA TO 2968 AND ALL VISIBILITY 1/8 MILE. INCREASE ALL MDA 100 FT. AND ALL CAT C AND D VISIBILITY 1/4 MILE.

TAA

	<u>FROM</u>	<u>TO</u>	<u>ALT</u>
1.	036/30 CW 216/30 (NOPT)	036/15 CW 216/15	5900
2.	036/15 CW 216/15	EGITE (IF/IAF) (FB)	5500
3.	216/30 CW 306/30	216/15 CW 306/15	5900
4.	216/15 CW 306/15	DEYEN (IAF) (FB)	5500
5.	306/30 CW 036/30	306/15 CW 036/15	5900
6.	306/15 CW 036/15	DHAKS (IAF) (FB)	5500

QUALITY
16
CHECKED

CITY AND STATE

MILES CITY, MT

ELEVATION: 2630**TDZE: 2630**

AIRPORT NAME:

FRANK WILEY FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 13, ORIG

26 MAY 2016

SUP:

AMDT: **NONE**

DATED:

**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	KMLS
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	462605.5225N
LTP/FTP LONGITUDE	1055333.3245W
LTP/FTP ELLIPSOIDAL HEIGHT	+07857
FPAP LATITUDE	462502.6640N
FPAP LONGITUDE	1055202.0700W
THRESHOLD CROSSING HEIGHT (TCH)	00043.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1040
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 B7F05743

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+08016
FPAP ORTHOMETRIC HEIGHT	+08016

QUALITY
16
CHECKED

CITY AND STATE MILES CITY, MT	ELEVATION: 2630 AIRPORT NAME: FRANK WILEY FIELD	TDZE: 2630 FRANK WILEY FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13, ORIG 26 MAY 2016	SUP:
					AMDT: NONE
					DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICES - 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.
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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
DEYEN	010	DEYEN	IF	FB										E A
DEYEN	020	EGITE	TF	FB	1.0	215.9						AA 05500		EE B
DHAKS	010	DHAKS	IF	FB										E A
DHAKS	020	EGITE	TF	FB	1.0	035.6						AA 05500		EE B
EGITE	010	EGITE	HF	FO		125.7			R			AA 05500		EE A
	010	EGITE	IF	FB								AA 05500		E I
	020	JAXOD	TF	FB	1.0	125.7						AA 04300		E F
	030	RW13	TF	FO	0.3	125.8		3.00				AT 02673		GY M
	040		CA	FB		125.8						AA 02880		M
	050	BOKDE	DF	FO								AA 06000		EY
	060	BOKDE	HM	FO		306.0			R			AA 06000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
BOKDE	N461654.15	W1054015.82
DEYEN	N464141.34	W1055543.81
DHAKS	N462729.15	W1061608.04
EGITE	N463435.71	W1060557.26
JAXOD	N462941.55	W1055847.61

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW13	N462605.52	W1055333.32	02630	43.4



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