

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23										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		MAP: 3.35 MILES AFTER MLS VOR/DME OR AT MLS 3.35 DME FIX						
										CLIMB TO 4800 ON MLS VOR/DME R-036 THEN CLIMBING LEFT TURN TO 6000 DIRECT MLS VOR/DME AND HOLD.						
										ADDITIONAL FLIGHT DATA: HOLD NE, RT, 215.89 INBOUND. CHART FAS OBST: 2794 NV ANT 462443N/1055619W 2940 AAO, 462347N/1055802W. CHART CIRCLING ICON CHART VDP AT 2.12 MILES FROM MLS VOR/DME MLS VOR/DME TO RW4: 3.74/40						
1. PT <u>L</u> SIDE OF COURSE <u>215.89</u> OUTBOUND <u>5000</u> FT WITHIN <u>10</u> MILES OF <u>MLS VOR/DME</u> (IAF)																
2.																
3. FAC <u>035.89</u> FAF <u>MLS VOR/DME</u> DIST FAF TO MAP <u>3.35</u> THLD <u>3.35</u>																
4. MIN. ALT <u>MLS VOR/DME 4000</u>																
8. MSA FROM: <u>MLS VOR/DME 4900</u>																
MAG VAR: <u>9E</u> EPOCH YEAR: <u>2020</u>																
MINIMUMS																
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: <u>N A</u>		STANDARD @				
CATEGORY =====>		A			B			C			D			E		
		MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-4		3060	1	431	3060	1	431	3060	1 1/4	431		NA				
CIRCLING		3060	1	430	3100	1	470	3120	1 1/2	490		NA				
NOTES:																
CHART PROFILE NOTE: VGSI AND DECENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE} TCH {FEET}). @ NA WHEN LOCAL WEATHER NOT AVAILABLE.																
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORSYTH ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET, AND INCREASE S-4 CAT C VISIBILITY 1/4 MILE.																
CITY AND STATE		ELEVATION: 2630 TDZE: 2629			FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP		QUALITY			
MILES CITY, MT		AIRPORT NAME:			MLS		VOR RWY 4, AMDT 13, 05/26/2016				AMDT		4		1250	
		FRANK WILEY FIELD									DATE		10/15/2015		CHECKED	

ALL AFFECTED PROCEDURES REVIEWED? <div><input checked="" type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE <div>05/26/2016</div>	
COORDINATED WITH:					
ATA <div></div>		AAT <div></div>		ALPA <div><input checked="" type="checkbox"/></div>	
APA <div></div>		AOPA <div><input checked="" type="checkbox"/></div>		NBAA <div><input checked="" type="checkbox"/></div>	
OTHER (specify) <div>SLC, GTF FSS, AMGR.</div>					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
PHILLIP BRANDENBURG				AJV-5432	12/22/2015
APPROVED BY					
NAME:				FIFO	DATE:
ALLAN WILL LONNIE EVERHART MANAGER				AJV-5430	
CHANGES:					
<div>1. KMLS MAGVAR FROM 12E TO 9E, MLS VOR/DME FROM 15E TO 9E - COURSES UPDATED TO REFLECT.</div> <div>2. ADDED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORSYTH ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET, AND INCREASE S-4 CAT C VISIBILITY 1/4 MILE.</div> <div>3. MISSED APPROACH INSTRUCTIONS CHANGED FROM CLIMB TO 4700 ON MLS VOR/DME R-030 THEN CLIMBING LEFT TURN TO 5000 DIRECT MLS VOR/DME AND HOLD, TO READ, CLIMB TO 4800 ON MLS VOR/DME R-036 THEN CLIMBING LEFT TURN TO 6000 DIRECT MLS VOR/DME AND HOLD.</div> <div>4. VDP AT 2.12 FROM MLS VOR/DME ADDED.</div> <div>5. CIRCLING CAT B MDA FROM 3080 TO 3100, CAT C FROM 3080 TO 3120.\</div> <div>6. CHART CIRCLING ICON ADDED TO AFD.</div> <div>7. ADDED 'OR AT 3.35 DME' TO MAP.</div>					
REASONS:					
<div>1. TO CONFORM TO 2020 MAGVAR.</div> <div>2. NOTE REQUIRED/FPT REQUEST TO USE K1S3 AS BACKUP ALT.</div> <div>3. TO AVOID CIH REQUIREMENT/PER MAGVAR CHANGE/TO ACHIEVE MIA 6000 PER SLC ARTCC.</div> <div>4. 20/34:1 PENS AFFECT CAT C/D AREA ONLY, VDP AVAILABLE.</div> <div>5. PER LATEST EVAL/NEW CIRCLING AREAS.</div> <div>6. PER NEW CIRCLING CRITERIA.</div> <div>7. PER 826.19E.</div>					



STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD	
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	PART - A OBSTRUCTION DATA
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[illegible]

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:			
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE			3. ALTIMETER SETTING			PARA 289 APPLIED TO 2940 AAO, 462347.19N/1055801.68W.			
GTF FSS ZLC ARTCC						N W S		OTHER: ASOS		SOURCE:KMLS / K1S3			
				X		F A A				DISTANCE: 0 / 31.93			
						A / C				HOURS REMOTE OPERATION: 0 / 24			
SATISFACTORY ON:				LOCATION: KMLS			ADJUSTMENT: 0			RASS PRESSURE PATTERNS SAME KMLS 2630.2, K1S3 2729.3 RA=87.64			
X V H F		X U H F		H F									
4. MONITOR STATUS		PRIMARY NAVAID: MLS VOR/DME									20/34:1 PENETRATIONS AFFECT CAT C/D AREA ONLY, DOES NOT AFFECT NIGHT OPS/MINS.		
		MONITOR POINT: POCC											
		HRS OPTN:		CAT 1		24							
5. APPROACH & RUNWAY LIGHTING				ALS								K1S3 ON SERVICE A. AVERAGE VEGETATION 40 FT USED PER PREVIOUS AMDT/FPT CHECKLIST. VGSI DATA: 3.00/40 PRECIPITOUS TERRAIN EVAL COMPLETED NO ADDITIONAL AIRSPACE REQUIRED CAT D MINS NA - MIN FAF ALT 4000 RESULTS IN 3.74 DESCENT ANGLE	
				(S) SALS									
				MALS									
				HIRL									
		X		MIRL 04 (PCL), 13 (PCL), 22 (PCL), 31 (PCL)									
		X		REIL 04 (PCL), 13 (PCL), 22 (PCL), 31 (PCL)									
				TDZ									
				C/LINE									
		X		OTHER (SPECIFY) PAPI-2L 04 (PCL), 13 (PCL), 22 (PCL), 31 (PCL)									
6. RUNWAY MARKINGS		BASIC BSC-P 13, 31											
		ALL WEATHER											
		INSTRUMENT NPI-F 04											
7. RUNWAY VISUAL RANGE		APPROACH											
		MIDFIELD											
		ROLL OUT											
8. GLIDE PATH		GP ANGLE:						ELEV RWY THRESHOLD:					
		DISTANCE FROM RWY:						ELEV GP ANTENNA:					
		THRESHOLD CROSSING HEIGHT:											
9. FINAL APPROACH COURSE AIMING			X		RUNWAY THRESHOLD				FT. FROM THRESHOLD				
					ON CENTERLINE				FT. FROM CENTERLINE				
10. WAIVERS: NONE													
PART D - PREPARED BY: PHILLIP BRANDENBURG										DATE: 12/22/2015			
TITLE: AERONAUTICAL INFORMATION SPECIALIST										OFFICE: AJV-5432			