

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE				
LAR VORTAC	ICEDU (FB)	119.98 / 17.78	11100	LPV: DA LNAV/VNAV: DA LNAV: RW30			
POVOH	ICEDU (FB)	178.79 / 18.96	10800				
JESAR	ICEDU (FB)	194.79 / 10.23	10800	CLIMB TO 9400 DIRECT LIRCI AND VIA 319.82 TRACK TO PUCIP AND HOLD.			
FLEMS (IAF)	ICEDU (NOPT) (FB)	300.05 / 11.04	10800				
ICEDU (IF/IAF)	KOGTE (FB)	301.72 / 3.76	10300	ADDITIONAL FLIGHT DATA: HOLD SE, RT, 319.82 INBOUND. CHART FAS OBST: 7339 TREE 411809N/1053853W CHART 8079 TREE 411354N/1053034W. CHART VDP AT 0.89 MILES TO RW30* *LNAV ONLY. WAAS CHANNEL # 53600 REFERENCE PATH ID: W30A ALT2 AT JANVA 7989 ROUTE TYPE DESCRIPTION: A, R APPROACH ROUTE QUALIFIER 1: W, J APPROACH ROUTE QUALIFIER 2: S DISTANCE TO THLD FROM 250 HAT: 0.67 NM			
KOGTE	ESIYO (FB)	301.72 / 3.01	9900				

1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)	
2. HOLD SE ICEDU, RT, 301.72 INBOUND, 10800 FT. IN LIEU OF PT (IAF)	
3. FAC: 301.65 FAF: ESIYO DIST FAF TO MAP: 7.93 THLD: 7.93	
4. MIN. ALT: ICEDU 10800, KOGTE 10300, ESIYO 9900, JANVA/2.10 NM TO RW30 7980	
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____	
6. MIN GS INCPT: 9900 GS ALT AT: _____ OM: _____ MM: _____ IM: _____	
7. GS ANGLE: 3.00 TCH: 41.0 34:1 IS CLEAR	
8. MSA FROM: RW30 13000	

MINIMUMS															
TAKEOFF: ☐ STANDARD ☒ X 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	7528	1	250	7528	1	250	7528	1	250	7528	1	250			
LNAV/VNAV DA	7629	1 1/4	351	7629	1 1/4	351	7629	1 1/4	351	7629	1 1/4	351			
LNAV MDA	7600	1	322	7600	1	322	7600	1	322	7600	1	322			

CIRCLING	7660	1 1/4	376	7740	1 1/4	456	7740	1 1/2	456	7840	2	556			

NOTES:
 CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LAR VORTAC VIA V575 NORTHWEST BOUND AND VIA V85 NORTHBOUND.
 CONTINUED ON PAGE 2

CITY AND STATE LARAMIE, WY	ELEVATION: 7284 TDZE: 7278	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 30, ORIG JUN - 8 2006	SUP:
	AIRPORT NAME: LARAMIE REGIONAL			AMDT: NONE
				DATED

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NOTES CONT.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -29C (-20F) OR ABOVE 35C (95F).

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLAR
RUNWAY	RW30
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	411827.3500N
LTP/FTP LONGITUDE	1053953.9300W
LTP/FTP ELLIPSOIDAL HEIGHT	+22059
FPAP LATITUDE	411929.9000N
FPAP LONGITUDE	1054118.1800W
THRESHOLD CROSSING HEIGHT (TCH)	00041.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0832
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

D9FB4580

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+22174
FPAP ORTHOMETRIC HEIGHT	+22174

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ARINC PACKET

	1	2	3	4	5	6	7	8	9	0	1	2	3
NAVAID	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAD	LAR	K1011760VT W	N41201618W105431540	N41201618W105431540E014007284	NAWLARAMIE								

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEENRT	ESIYO K10	W	L N41125286W105322460	E0103	NAW	ESIYO							
SUSAEENRT	FLEMS K10	W	L N41003532W105152180	E0101	NAW	FLEMS							
SUSAEENRT	ICEDU K10	W	L N41080720W105260237	E0102	NAW	ICEDU							
SUSAEENRT	JANVA K10	W	L N41165886W105375487	E0103	NAW	JANVA							
SUSAEENRT	JESAR K10	W	L N41171084W105194346	E0102	NAW	JESAR							
SUSAEENRT	KOGTE K10	W	L N41104598W105293465	E0102	NAW	KOGTE							
SUSAEENRT	LIRCI K10	W	L N41195159W105414741	E0104	NAW	LIRCI							
SUSAEENRT	POVOH K10	W	L N41264129W105205471	E0102	NAW	POVOH							
SUSAEENRT	PUCIP K10	W	L N41293013W105482271	E0104	NAW	PUCIP							

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KLARK1ALAR	0	085YHN41184340W105403000E013007284	1800018000C	MNAW	LARAMIE REGIONAL							

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KLARK1FR30	AFLEMS	010FLEMSK1EAOE A	IF						18000		A JS	
SUSAP	KLARK1FR30	AFLEMS	020ICEDUK1EAOEE B	010TF		30010110	10800					A JS	
SUSAP	KLARK1FR30	AJESAR	010JESARK1EAOE	IF						18000		A JS	
SUSAP	KLARK1FR30	AJESAR	020ICEDUK1EAOEE A	020TF		19480102	10800					A JS	
SUSAP	KLARK1FR30	ALAR	010LAR K1D OV	IF						18000		A JS	
SUSAP	KLARK1FR30	ALAR	020ICEDUK1EAOEE A	020TF		12000178	11100					A JS	
SUSAP	KLARK1FR30	APOVOH	010POVOHK1EAOE	IF						18000		A JS	
SUSAP	KLARK1FR30	APOVOH	020ICEDUK1EAOEE A	020TF		17880190	10800					A JS	
SUSAP	KLARK1FR30	AICEDU	010ICEDUK1EAOEE CR	HF		30170080	10800			18000		A JS	
SUSAP	KLARK1FR30	R	010ICEDUK1EAOE I	IF			10800			18000		A JS	
SUSAP	KLARK1FR30	R	011KOGTEK1EAOE S	010TF		30170038	10300					A JS	
SUSAP	KLARK1FR30	R	020ESYOK1EAOE F	010TF		30170030	09900				RW30 K1PGA	JS	
SUSAP	KLARK1FR30	R	021JANVAK1EAOE S	031TF		30170058	07980			-300		A JS	

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30170021	07316	-300	A JS
	09400		JA
3198			JA
31980070	+ 09400		JA

RUNWAY	1	2	3	4	5	6	7	8	9	0	1	2	3
	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KLARK1GRW30	0063033010	N41182735W	105395393+0000			07275000041100		0000					
PP	1	2	3	4	5	6	7	8	9	0	1	2	3
	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KLARK1PR30	RW30	001	0000W30A	N4118273500W	10539539300+220590300N	4119299000W	10541181800	10675083200	0410F400500D9FB4580				
SUSAP KLARK1PR30	RW30	002	+22174+22174W30A		53600	000							
MSA	1	2	3	4	5	6	7	8	9	0	1	2	3
	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KLARK1SRW30	K1PG		0 25180130			M							

SUP:	
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KLAR RNAV (GPS) RWY 30, ORIG

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	FLEMS	FLEMS	010	IAF	IF		FB				
	FLEMS	ICEDU	020	IF	TF		FB	1.0	300.1 (313T)	011.0	10800
	JESAR	JESAR	010		IF		FB				
	JESAR	ICEDU	020	IAF	TF		FB	2.0	194.8 (208T)	010.2	10800
	LAR	LAR	010		IF		FB				
	LAR	ICEDU	020	IAF	TF		FB	2.0	120.0 (133T)	017.8	11100
	POVOH	POVOH	010		IF		FB				
	POVOH	ICEDU	020	IAF	TF		FB	2.0	178.8 (192T)	019.0	10800
	ICEDU	ICEDU	010		HF	R	FB		301.7 (315T)	008.0	10800
	ICEDU	010		FACF	IF		FB				10800
	KOGTE	011		SDF	TF		FB	1.0	301.7 (315T)	003.8	10300
	ESIYO	020		FAF	TF		FB	1.0	301.7 (315T)	003.0	09900
	JANVA	021		SDF	TF		FB	3.1	301.7 (315T)	005.8	07980
	RW30	030		MAP	TF		FO	3.1	301.7 (315T)	002.1	07316

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	LIRCI	040		DF		FB	1.0			09400
	PUCIP	050		TF		FO	1.0	319.8 (333T)		
	PUCIP	060		HM	R	FO	2.0	319.8 (333T)	007.0	09400

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ESIYO	N411252.86	W1053224.60	N4112.881	W10532.410
	FLEMS	N410035.32	W1051521.80	N4100.589	W10515.363
	ICEDU	N410807.20	W1052602.37	N4108.120	W10526.039
	JANVA	N411658.86	W1053754.87	N4116.981	W10537.915
	JESAR	N411710.84	W1051943.46	N4117.181	W10519.724
	KOGTE	N411045.98	W1052934.65	N4110.766	W10529.578
	LIRCI	N411951.59	W1054147.41	N4119.860	W10541.790
	POVOH	N412641.29	W1052054.71	N4126.688	W10520.912
	PUCIP	N412930.13	W1054822.71	N4129.502	W10548.378

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW30	07275	41

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