

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.												
TERMINAL ROUTES										MISSED APPROACH						
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW27						
OCS VOR/DME		DIGNE (TF) (FO) (RNP 2.00)		091.63 / 10.45				10000		CLIMB TO 9800 DIRECT REGVE AND HOLD.						
ARUTE (IAF)		DIGNE (NOPT) (TF) (FB) (RNP 1.00)		210.13 / 6.89				9300								
CEBAL (IAF)		DIGNE (NOPT) (TF) (FB) (RNP 1.00)		334.41 / 6.97				9300								
DIGNE (IF/IAF)		EPULE (TF) (FB) (RNP 1.00)		270.39 / 2.01				9300								
EPULE		HEBUM (TF) (FB) (RNP 1.00)		270.36 / 3.93				8700		ADDITIONAL FLIGHT DATA: HOLD W, RT, 090.03 INBOUND. CHART FAS OBST: 6824 NAVAID 413525N/1090055W DISTANCE TO THLD FROM 200 HAT: 0.46 NM. CHART VDP AT 0.88 NM TO RW27* *LNAV ONLY. WAAS CHANNEL # 49216 REFERENCE PATH ID: W27A CHART CIRCLING ICON. LTP HAE: 2047.8 M						
(SEE FORM 8260-10)																
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)										MAG VAR: 13E EPOCH YEAR: 1995						
2. HOLD E DIGNE, RT, 270.39 INBOUND, 9300 FT. IN LIEU OF PT (IAF)																
3. FAC: 270.30 FAF: HEBUM DIST FAF TO MAP: 5.90 THLD: 5.90																
4. MIN. ALT: DIGNE 9300, EPULE 9300, HEBUM 8700, WATUM/3.10 NM TO RW27 7800*																
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																
6. MIN GS INCPT: 8700 GS ALT AT: HEBUM 8700 OM: _____ MM: _____ IM: _____																
7. GS ANGLE: 3.00 TCH: 54.9 34:1 IS CLEAR																
8. MSA FROM: RW27 10000																
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		6965	1/2	200	6965	1/2	200	6965	1/2	200	6965	1/2	200			
LNAV/VNAV DA		7036	1/2	271	7036	1/2	271	7036	1/2	271	7036	1/2	271			
LNAV MDA		7100	1/2	335	7100	1/2	335	7100	1/2	335	7100	1/2	335			
CIRCLING		7140	1	375	7220	1	455	7220	1 1/2	455	7540	2 1/2	775			
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. @ CAT D 800-2 1/2 *LNAV ONLY CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT OCS VOR/DME ON V235 SOUTHWEST BOUND, V187 NORTH AND SOUTHBOUND. (CONTINUED ON PAGE 2)																
CITY AND STATE ROCK SPRINGS, WY		ELEVATION: 6765 TDZE: 6765 AIRPORT NAME: ROCK SPRINGS-SWEETWATER COUNTY			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, AMDT 1A						SUP: AMDT: 1 DATED 04/08/2010			

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
		CONCURRENT			
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>ZLC ARTCC, AMGR</div>					
FLIGHT CHECKED BY					
NAME:		Digitally signed by DONALD H LANIER		FIFO FIOG	DATE: 01/13/2010
DANIEL CHARLES FAVORITE		Nov 09, 2016			
DEVELOPED BY					
NAME:		Digitally signed by LIAM DONAHUE		FIFO AJV-5431	DATE: 10/22/2016
LIAM DONAHUE		Nov 02, 2016			
APPROVED BY					
NAME:		Digitally signed by LONNIE EVERHART		FIFO AJV-5430	DATE:
LONNIE EVERHART		MANAGER			
CHANGES:					
Nov 09, 2016					
1. CHANGED TCH FROM 48.7 TO 54.9. 2. MOVED FAF/PFAF FIX HEBUM 442.95 FT. EAST. 3. CHANGED INTERMEDIATE STEPDOWN SEGMENT LENGTH FROM 4 NM TO 3.93 NM. 4. CHANGED FINAL LENGTH FROM 5.83 NM TO 5.90 NM AND FAF TO STEPDOWN LENGTH FROM 2.73 NM TO 2.8 NM. 5. RAISED LPV AND LNAV/VNAV DA ONE FOOT. 6. CHANGED NOTE FROM: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV CAT D VISIBILITY TO 1 MILE TO: FOR INOPERATIVE ALS INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 7/8 MILE. 7. DELETED NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV CAT D. 8. APPLIED NEW CIRCLING CRITERIA AND RAISED CIRCLING CAT D MDA-VIS FROM 7320-2 TO 7540-2 1/2. 9. UPDATED PROCEDURE NA NOTE ADDING V187 NORTH AND SOUTHBOUND. 10. CHANGED BARO-VNAV NA TEMPS FROM BELOW -28C (18F) TO -27C (16F) AND ABOVE FROM 35C (95F) TO 44C (111F). 11. CHANGED THE FOLLOWING FAS DATA: LTP COORDINATES FROM 413529.0555N/1090247.9275W TO 413529.0560N/1090247.9285W; LTP ELLIPSOIDAL HEIGHT FROM 20477 TO 20478; FPAP COORDINATES FROM 413551.7300N/1090456.6300W TO 413551.6290N/1090456.0135W; THRESHOLD CROSSING HEIGHT FROM 48.7 TO 54.9; LENGTH OFFSET FROM 0016 TO 0000; AND CRC REMAINDER FROM A93B39F1 TO 5001018D.					
REASONS:					
1. MATCH ASSOCIATED ILS OR LOC PROCEDURE (FTP REQUEST). 2. ACCOMMODATE NEW TCH AND MATCH ILS FAF/PFAF LOCATION. 3. ACCOMMODATE NEW FAF/PFAF LOCATION. 4, 5. TDZE NOW ROUNDS TO 6765 VICE 6764. 6, 7. 8260.3B CHAPTER 3 AND VISI CALCULATOR. 8. 8260.3B VOLUME 1 AND NEW CONTROLLING OBSTACLE. 9. EXCEEDS 8269.3B TURNING CRITERIA. 10. NEW CLIMATE STUDY. 11. NEW FAS DATA CALCULATIONS.					
EFFECTIVE CONCURRENT WITH: EFFECTIVE CONCURRENT KRKS ILS OR LOC RWY 27, AMDT 2					



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.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HEBUM (FAF)	WATUM/3.10 NM TO RW27 (TF) (FB) (RNP 0.30)	270.30 / 2.80	
WATUM/3.10 NM TO RW27	RW27 (MAP) (TF) (FO) (RNP 0.30)	270.30 / 3.10	
RW27 (MAP)	6965 MSL	270.30	
6965 MSL	REGVE (DF) (FO) (RNP 1.00)		9800

NOTES, (CONT.):

CHART NOTE: FOR INOPERATIVE ALS INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 7/8 SM.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -27C (-16F) OR ABOVE +44C (+111F)

QUALITY
16
CHECKED

CITY AND STATE

ROCK SPRINGS, WY

ELEVATION: 6765

TDZE: 6765

AIRPORT NAME:

ROCK SPRINGS-SWEETWATER COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 27, AMDT 1A

SUP:

AMDT: 1

DATED: 04/08/2010

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <input type="checkbox"/>	AAT <input type="checkbox"/>	ALPA <input type="checkbox"/>	APA <input type="checkbox"/>	AOPA <input type="checkbox"/>	NBAA <input type="checkbox"/>
OTHER (specify) <input type="checkbox"/> _____					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

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

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRKS
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	413529.0560N
LTP/FTP LONGITUDE	1090247.9285W
LTP/FTP ELLIPSOIDAL HEIGHT	+20478
FPAP LATITUDE	413551.6290N
FPAP LONGITUDE	1090456.0135W
THRESHOLD CROSSING HEIGHT (TCH)	00054.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

5001018D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+20618
FPAP ORTHOMETRIC HEIGHT	+20618

QUALITY
16
CHECKED

CITY AND STATE ROCK SPRINGS, WY	ELEVATION: 6765 AIRPORT NAME: ROCK SPRINGS-SWEETWATER COUNTY	TDZE: 6765 ROCK SPRINGS-SWEETWATER COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, AMDT 1A	SUP:
					AMDT: 1
					DATED: 04/08/2010

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH: <div><div>ATA<div></div></div><div>AAT<div></div></div><div>ALPA<div></div></div><div>APA<div></div></div><div>AOPA<div></div></div><div>NBAA<div></div></div><div>OTHER (specify)<div></div></div></div>					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT		FROM		TO		OBSTRUCTION		COORDINATES		ELEV. MSL		ROC		ALT. ADJUSTMENTS		MIN. ALT.			
FEEDER		OCS VOR/DME		DIGNE		1. AAO		413308.70N/1084816.30W		8297 (6A)		2000		MT-297		10000			
						2. TERRAIN		413308.70N/1084816.30W		8097 (8100)				AS1500		9600			
INITIAL		ARUTE		DIGNE		1. AAO		413308.70N/1084816.30W		8297 (6A)		1000		AS1500		9300			
						2. TERRAIN		413308.70N/1084816.30W		8097 (8100)				AS1000		9100			
INITIAL		CEBAL		DIGNE		1. AAO		413308.70N/1084816.30W		8297 (6A)		1000				9300			
						2. TERRAIN		413308.70N/1084816.30W		8097 (8100)				AS1000		9100			
INTERMEDIATE		DIGNE (IF/IAF)		EPULE		1. AAO		413308.70N/1084816.30W		8297 (6A)		500		PT503		9300			
						2. TERRAIN		413308.70N/1084816.30W		8097 (8100)				AS1000		9100			
INTERMEDIATE:		EPULE		HEBUM		3. AAO		413130.00N/1084915.00W		7848 (3E)		500		AC59 AT293		8700			
STEPDOWN						4. TERRAIN		413257.00N/1085354.00W		7523 (7500)				AS1000		8500			
FINAL: LPV		HEBUM		RW27								ASC				6965/200			
FINAL: LNAV/VNAV		HEBUM		RW27								ASC		XP21		7036/271			
FINAL: LNAV		HEBUM		WATUM/3.10 NM TO		5. AAO		413421.08N/1085449.84W		7222 (2C)		250		DG320		7800			
				RW27															
2. HOLD-IN-LIEU-OF-PT		DIGNE		P-10		1. AAO		413308.70N/1084816.30W		8297 (6A)		1000				9300			
						2. TERRAIN		413308.70N/1084816.30W		8097 (8100)				AS1000		9100			
3. MISSED APPROACH	MAP:		DA / DA / RW27		REGVE						ASC				9800				
	ELEV:		6797/6875/7000				7. AAO		413836.00N/1092103.00W		8121 (6C)		1000		9200				
						8. TERRAIN		413836.00N/1092103.00W		7921 (7900)				AS1500		9400			
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.															
CATEGORY A		1.3 NM		REQUIRED	350	ACTUAL	375	9. NAVAID (56-022700)		413524.77N/1090055.19W		6824 (2C)		300		7140			
CATEGORY B		1.5 NM			450		455	9. NAVAID (56-022700)		413524.77N/1090055.19W		6824 (2C)		300		HAA		7220	
CATEGORY C		1.7 NM			450		455	10. POLE (56-022739)		413255.85N/1090723.94W		6886 (1A)		300		HAA		7220	
CATEGORY D		2.3 NM			550		775	11. AAO		413800.58N/1090946.79W		7222 (2C)		300				7540	
CATEGORY E		4.5 NM			550														
5. MINIMUM SAFE ALTITUDES								PRIMARY NAVAID: RW27											
SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)			
360-360		AAO		123/23.7		8964 (6A)		10000											
CITY AND STATE		ELEVATION: 6765		FACILITY		PROCEDURE AND AMENDMENT NO:		REGION											
ROCK SPRINGS, WY		AIRPORT NAME: ROCK SPRINGS-SWEETWATER COUNTY		RNAV		RNAV (GPS) RWY 27, AMDT 1A		ANM											

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: BLOCK 3: ALTIMETER SETTING SOURCE, KRKS, DISTANCE: ON FIELD, HRS REMOTE OPTN: 24, ADJUSTMENT: 0 NO BACK-UP RASS. KRKS IS CONNECTED TO WMSCR VGSI DATA: 3.00/55 CRITICAL TEMPERATURES: CRITICAL LOW :-27C (-16F) CRITICAL HIGH :+44C (+111F) ACT :-27C APT ISA :+1.6C CRITICAL TEMPERATURE REMARKS AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2011-2015). CRITICAL LOW TEMPERATURE BASED ON ACT. DESCENT RATE (FPM): STANDARD TEMP 1051 HIGH TEMP 1227. ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.44NM CAT B: 2.07NM CAT C: 3.29NM CAT D: 4.32NM NO ADDITIONAL AIRSPACE REQUIRED. RASS: NONE, NO SUITABLE BACK-UP SOURCE WITHIN 60 NM. FPO NOTIFIED OF LOWER MINIMA IN LNAV. OBST 1: MOUNTAINOUS TERRAIN REDUCTION APPLIED IAW 8260.3B PARA 1720B (2). MA, IAF'S AND FEEDER ROUTES PER ATC REQUEST. 1000' AIRSPACE USED INITIALS, AND H-I-L PATTERNS, SAME AS PREVIOUS PROCEDURE. 25' VEGETATION/200' AAO PER AMGR/FPO. TAA NOT DEVELOPED PER ATC REQUEST. INTERMEDIATE SEGMENT: LPV, LNAV/VNAV, AND LNAV HAVE THE SAME CONTROLLING OBST AND TERRAIN. USED 3.00 GS/54.9' TCH IN PROCEDURE, SAME AS ILS. SLOPES: LPV - 34:1 LNAV/VNAV- 23.29:1 XP LNAV/VNAV FINAL - MATCH PREVIOUS BUILD 271 HAT. OBSTACLE# 11 MATCH PREVIOUS BUILD MDA.	
1. COMMUNICATIONS WITH:			2. WEATHER SERVICE			3. ALTIMETER SETTING					
CPR FSS ZLC ARTCC				N W S	OTHER: AWOS-3		SOURCE:KRKS				
				F A A			DISTANCE:				
				A / C			HOURS REMOTE OPERATION:				
SATISFACTORY ON:											
X	V H F	X	U H F		H F	LOCATION: KRKS			ADJUSTMENT: 0		
4. MONITOR STATUS	PRIMARY NAVAID:										
	MONITOR POINT:										
	HRS OPTN:	CAT 1									
			CAT 3								
5. APPROACH & RUNWAY LIGHTING		ALS									
		(S) SALS									
	X	MALSR 27 (PCL)									
	X	HIRL 09 (PCL), 27 (PCL)									
	X	MIRL 03 (PCL), 21 (PCL)									
	X	REIL 03 (PCL), 21 (PCL)									
		TDZ									
		C/LINE									
	X	OTHER (SPECIFY) ODALS 09 (PCL) PAPI-2L 03, 21 TAXI WAY 21 (PCL) PAPI-4L 09, 27									
6. RUNWAY MARKINGS		BASIC BSC-G 03, 21									
		ALL WEATHER PIR-G 09, 27									
		INSTRUMENT									
7. RUNWAY VISUAL RANGE		APPROACH									
		MIDFIELD									
		ROLL OUT									
8. GLIDE PATH		GP ANGLE: 3.00				ELEV RWY THRESHOLD:6764.5					
		DISTANCE FROM RWY:				ELEV GP ANTENNA:					
						THRESHOLD CROSSING HEIGHT:54.9					
9. FINAL APPROACH COURSE AIMING			X	RUNWAY THRESHOLD					FT. FROM THRESHOLD		
			X	ON CENTERLINE					FT. FROM CENTERLINE		
10. WAIVERS: NONE											
PART D - PREPARED BY: LIAM DONAHUE						DATE: 10/22/2016					
TITLE: AERONAUTICAL INFORMATION SPECIALIST						OFFICE: AJV-5431					



PART B - SUPPLEMENTAL DATA										PART C - REMARKS:	
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE			3. ALTIMETER SETTING				
SATISFACTORY ON:					N W S	OTHER:		SOURCE:			
					F A A			DISTANCE:			
					A / C			HOURS REMOTE OPERATION:			
	V H F		U H F		H F	LOCATION:			ADJUSTMENT:		
4. MONITOR STATUS		PRIMARY NAVAID:									
		MONITOR POINT:									
		HRS	CAT 1								
		OPTN:	CAT 3								
5. APPROACH & RUNWAY LIGHTING			ALS								
			(S) SALS								
			MALS								
			HIRL								
			MIRL								
			REIL								
			TDZ								
			C/LINE								
6. RUNWAY MARKINGS		BASIC									
		ALL WEATHER									
		INSTRUMENT									
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				RUNWAY THRESHOLD					FT. FROM THRESHOLD		
				ON CENTERLINE					FT. FROM CENTERLINE		
10. WAIVERS:											
PART D - PREPARED BY:										DATE:	
TITLE:										OFFICE:	