

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT</u> SOUTHWEST WYOMING RGNL	<u>AIRPORT ID</u> KRKS	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 9	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> ROCK SPRINGS	<u>STATE</u> WY
<u>AIRPORT ELEVATION</u> 6765	<u>TDZE</u> 6741	<u>SUPERSEDED</u> RNAV (GPS) RWY 9	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 02/01/2018	<u>MAG VAR</u> 13E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1995

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
OCS VOR/DME		REGVE		TF	FO	2.00	269.28	15.04	9800
GRIPS	IAF	REGVE	NOPT	TF	FB	1.00	091.74	34.98	9800
FBR VOR/DME	IAF	REGVE	NOPT	TF	FB	1.00	058.62	51.30	9800
REGVE	IF/IAF	ZEREX		TF	FB	1.00	090.03	6.07	8700
ZEREX	FAF	SIRNE/2.10 NM TO RW09		TF	FB	0.30	090.11	3.83	
SIRNE/2.10 NM TO RW09		RW09	MAP	TF	FO	0.30	090.11	2.10	
RW09	MAP	6941 MSL		CA			090.11		
6941 MSL		DIGNE		DF	FO	1.00			9600

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW09

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 9600 DIRECT DIGNE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)
2. HOLD W REGVE, RT, 090.03 INBOUND, 9800 FT. IN LIEU OF PT (IAF), MAX 14000.
3. FAC: 090.11FAF: ZEREXDIST FAF TO MAP: 5.93DIST FAF TO THLD: 5.93
4. MIN ALT: REGVE 9800, ZEREX 8700, SIRNE/2.10 NM TO RW09 7440*
5. DIST TO THLD FROM OM:MM:IM:150 HAT:200 HAT: 0.50GS ANT:
6. MIN GP INCPT: 8700GP ALT AT FAF : ZEREX 8700OM:MM:IM:
7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 50.0
8. MSA FROM: RW09 10000

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -28C OR ABOVE 45C.
*LNAV ONLY
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT OCS VOR/DME ON V328 SOUTHEAST BOUND, V391 NORTHBOUND, AND T298 NORTHEAST BOUND.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 0.81 NM TO RW09*
*LNAV ONLY
WAAS CHANNEL #66016
REFERENCE PATH ID: W09A
CHART FAS OBST: 6764 TREE 413556N/1090535W.
HOLD E, RT, 270.39 INBOUND
LTP HAE: 2037.7 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA

☐

STANDARD - CAT D 800-2 1/2

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	6941	3/4	200	6941	3/4	200	6941	3/4	200	6941	3/4	200			
LNAV/VNAV DA	7034	3/4	293	7034	3/4	293	7034	3/4	293	7034	3/4	293			
LNAV MDA	7040	3/4	299	7040	3/4	299	7040	3/4	299	7040	1	299			
CIRCLING	7140	1	375	7220	1	455	7220	1 1/2	455	7540	2 1/2	775			

CHANGES - REASONS

1. AIRPORT NAME CHANGED FROM ROCK SPRINGS-SWEETWATER COUNTY TO SOUTHWEST WYOMING RGNL - NFDD ACTION.

2. LINE 7: ADDED 20:1 IS CLEAR - IAW 8260.19H, PARA 8G.(3).

3. REMOVED EQUIPMENT NOTE: "DME/DME RNP-0.3 NA" - IAW 8260.19H, PARA 4-6-10E.

4. ADDED PBN REQUIREMENTS NOTE: "RNP APCH" - IAW 8260.19H, PARA 8-6-8.B.

5. CHART NOTE: UPDATED UNCOMPENSATED BARO-VNAV SYSTEMS NOTE FROM LNAV/VNAV NA BELOW -28C (-18F) OR ABOVE 35C (95F) TO NA BELOW -28C OR ABOVE 45C - FAHRENHEIT REMOVED IAW 8260.19H.
- QUALITY
20
CHECKED

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZLC ARTCC, AMGR

FLIGHT CHECKED BY

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, DEC 22, 2017.

DEVELOPED BY

DAVID A. DOWLING

APPROVED BY

JULIE MORGAN

Digitally signed by
DAVID A DOWLING
Aug 09, 2018

OFFICE

OFFICE

AJV-5422

OFFICE

AJV-5420

DATE

Digitally signed by
ROBERT G HAMILTON
Aug 17, 2018

DATE

06/27/2018

DATE

Digitally signed by
ROBERT G HAMILTON
Aug 17, 2018

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRKS
RUNWAY	RW09
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	413551.6290N
LTP/FTP LONGITUDE	1090456.0135W
LTP/FTP ELLIPSOIDAL HEIGHT	+20377
FPAP LATITUDE	413529.0560N
FPAP LONGITUDE	1090247.9285W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
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	FACBE14C
ADDITIONAL PATH POINT RECORD INFORMATION	
ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+20518
FPAP ORTHOMETRIC HEIGHT	+20518



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

AIRPORT	AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
SOUTHWEST WYOMING RGNL	KRKS	RNAV (GPS) RWY 9	ORIG-B	ROCK SPRINGS	WY	6765	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM OCS VOR/DME TO REGVE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	15.04											
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
1.AAO	413712.00N/1091809.00W		7779	250	125	4E	2000					9800
2.TERRAIN	413712.00N/1091809.00W		7579 (7600)								AS1500	9100

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT
REMARKS:

INITIAL

FROM GRIPS TO REGVE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
	34.98										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
3.AAO	413835.50N/1092102.00W	8121	1000	3	6A	1000				AT679	9800
4.TERRAIN	413835.50N/1092102.00W	7921 (7900)								AS1500	9400

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT
REMARKS:



<u>SEGMENT</u> <u>REMARKS:</u>	
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<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>				
SOUTHWEST WYOMING RGNL	KRKS	RNAV (GPS) RWY 9	ORIG-B	ROCK SPRINGS	WY	6765	RNAV				
MISSED APPROACH : LNAV/VNAV											
<u>FROM</u>				<u>TO</u>							
DA				DIGNE							
<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>						
					6775						
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
13.LT (KRKST0045)	413554.78N/1090421.00W	6801	20	3	1A		ASC				9600
8.AAO	413308.70N/1084816.30W	8297	1000	3	6A	1000					9300
9.TERRAIN	413308.70N/1084816.30W	8097 (8100)								AS1500	9600

<u>COMPUTATIONS</u>	<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT
REMARKS:

MISSED APPROACH : LNAV

FROM

RW09

TO

DIGNE

RNP

DISTANCE

PAT

MAP

HAT

HMAS

6790


OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
13.LT (KRKST0045)	413554.78N/1090421.00W	6801	20	3	1A		ASC				9600
8.AAO	413308.70N/1084816.30W	8297	1000	3	6A	1000					9300
9.TERRAIN	413308.70N/1084816.30W	8097 (8100)								AS1500	9600

<u>COMPUTATIONS</u>	<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT
REMARKS:



<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
3.00	6731.7	50.0			3.00	50.0
<u>FINAL APPROACH COURSE AIMING</u>						
RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE			
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE				
<u>CRITICAL TEMPERATURES</u>						
<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>			
-28C	+45C	-28C	+1.6C			
<u>CRITICAL TEMPERATURE REMARKS:</u>						
AVERAGE COLD TEMPERATURE BASED ON STANDARD -30C ISA DEVIATION.						
CRITICAL LOW TEMPERATURE BASED ON ACT.						
DESCENT RATE (FPM): STANDARD TEMP 1051 HIGH TEMP 1227.						
<u>"VISUAL PORTION OF FINAL" PENETRATIONS</u>						
<u>HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS</u>						
and/or						
<u>5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS</u>						
PART C: GENERAL REMARKS:						
PRECIPITOUS TERRAIN EVALUATION COMPLETED.						
ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.						



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
SOUTHWEST WYOMING RGNL	KRKS	RNAV (GPS) RWY 9	ORIG-B	ROCK SPRINGS	WY	6765	RNAV

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.83
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.70
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	130.11
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	6976
DISTANCE FROM	THLD	TO 1500FT POINT	10.60
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	7.03
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	103.03
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	7579

THRESHOLD
COORDINATES
(IF STR-IN)

413551.63N/1090456.01W

ARP COORDINATES

413539.20N/1090354.70W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 27 DISTANCE 0.85 NM

FAF
COORDINATES

413712.60N/1091237.54W

FIX NAME
COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
SOUTHWEST WYOMING RGNL	KRKS	RNAV (GPS) RWY 9	ORIG-B	ROCK SPRINGS	WY	6765	RNAV

PART E: PREPARED BY

NAME

DAVID A. DOWLING

OFFICE

AJV-5422

DATE

06/27/2018

TITLE

AERONAUTICAL INFORMATION SPECIALIST

