

**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 ID</u> KSHR	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 33	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> SHERIDAN	<u>STATE</u> WY		
<u>AIRPORT ELEVATION</u> 4021	<u>TDZE</u> 3985	<u>SUPERSEDED</u> RNAV (GPS) RWY 33	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 06/25/2015	<u>MAG VAR</u> 10E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 17 JUNE 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

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>
SHR VOR/DME		KEKNE		TF	FO	1.00	143.43	26.23	9100
SHERZ	IAF	KEKNE	NOPT	TF	FB	1.00	314.85	6.09	9100
KEKNE	IF/IAF	FEKLI		TF	FB	1.00	326.45	10.03	7200
FEKLI	FAF	JULVI/5.70 NM TO RW33		TF	FB	0.30	326.39	4.25	
JULVI/5.70 NM TO RW33		PIDSE/2.80 NM TO RW33		TF	FB	0.30	326.39	2.90	
PIDSE/2.80 NM TO RW33		RW33	MAP	TF	FO	0.30	326.39	2.80	
RW33	MAP	4205 MSL		CA			326.39		
4205 MSL		SHR VOR/DME		DF	FO	1.00			7300

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW33

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 7300 DIRECT SHR VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7300.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
10
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD SE KEKNE, RT, 326.45 INBOUND, 9100 FT. IN LIEU OF PT (IAF), MAX 12000.

3. FAC: 326.39FAF: FEKLI

DIST FAF TO MAP: 9.95

DIST FAF TO THLD: 9.95

4. MIN ALT: KEKNE 9100, FEKLI 7200, JULVI/5.70 NM TO RW33 5840*, PIDSE/2.80 NM TO RW33 4920*

5. DIST TO THLD FROM OM:MM:IM:150 HAT:220 HAT: 0.55GS ANT:

6. MIN GP INCPT: 7200GP ALT AT FAF : FEKLI 7200OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 55.0

8. MSA FROM: RW33 14400

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING TO RWY 24 NA AT NIGHT.
CHART NOTE: BARO-VNAV NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON
HOLD NW, LT, 133.00 INBOUND.
CHART FAS OBST: 4071 TANK 444544N/1065811W.
6027 AAO 443518N/1065500W, 4764 AAO 443945N/1065539W, 4222 TREE 444254N/1065628W.
CHART VDP AT 1.10 NM TO RW33*
*LNAV ONLY.
WAAS CHANNEL # 65699
REFERENCE PATH ID: W33A
LTP HAE: 1198.7 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 900-2 1/2, CAT D 1200-3

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	4205	1/2	220	4205	1/2	220	4205	1/2	220	4205	1/2	220			
LNAV/VNAV DA	4380	3/4	395	4380	3/4	395	4380	3/4	395	4380	3/4	395			
LNAV MDA	4380	1/2	395	4380	1/2	395	4380	5/8	395	4380	5/8	395			
CIRCLING	4600	1	579	4640	1	619	4860	2 1/2	839	5220	3	1199			



CHANGES - REASONS

1. INCREASED S-33 LNAV/VNAV DA/HAT FROM 4355/370 TO 4380/395 - INCORPORATED NOTAM 0/6912, PRECIPITOUS TERRAIN IN FINAL, NEW OBSTACLE EVALUATION.
2. REMOVED ADDITIONAL FLIGHT NOTE "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -26C (-14) OR ABOVE 51C (124F)", ADDED "BARO-VNAV NA" - INCORPORATED NOTAM 0/6912, FINAL SEGMENT OVERLIES PRECIPITOUS TERRAIN PER 8260.58A 3-3-1B.
3. REPLACED CHART NOTE "DME/DME RNP-0.3 NA" WITH "PBN REQUIREMENTS NOTE: RNP APCH" - CHANGED IAW NAVSPEC REQUIREMENT IAW 8260.19H PARA 8-6-8.
4. REMOVED FROM ADDITIONAL FLIGHT DATA "FEKLI TO RW33: 3.00/55" - NOT REQUIRED.
5. CRC REMAINDER CHANGED FROM BAF534AD TO EA810A6B AND FPAP COORDINATES CHANGED FROM 444643.8630N/1065919.9595W TO 444643.8625N/1065919.9595 - LTP/FTP COORDINATES CHANGED FROM 444522.2735N/1065829.7200W TO 444522.2735N/1065829.7203W.
6. DELETED NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT - VGSI AND RNAV GLIDEPATH ANGLE/TCH ARE LESS THAN THE .2 DEGREE/3 FT TCH BETWEEN THE TWO ANGLE SOURCES.
7. DELETED NOTE: NIGHT LANDING: RWY 24 NA. ADDED NOTE: CIRCLING TO RWY 24 NA AT NIGHT - 20:1 CIRCLING SURFACE IS PENETRATED, NOTE IAW CURRENT CRITERIA 8260.10 PARA 8-6-11 O(2)(G).

COORDINATED WITH:

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

FLIGHT CHECKED BY

BRYAN VEIT

Digitally signed by

JON DENTON**OFFICE**

FICO

DATE

3/3/2021

DEVELOPED BY

WARDELL HENNING (GORDON LEMON)

Digitally signed by

JON DENTON**OFFICE**

AJV-A432

DATE

04/07/2020

APPROVED BY

GEORGE DAVIS

Digitally signed by

JON DENTON

Mar 05, 2021

OFFICE

AJV-A430

DATE**TITLE**
MANAGERQUALITY
10
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSHR
RUNWAY	RW33
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W33A
LTP/FTP LATITUDE	444522.2735N
LTP/FTP LONGITUDE	1065829.7200W
LTP/FTP ELLIPSOIDAL HEIGHT	+11987
FPAP LATITUDE	444643.8625N
FPAP LONGITUDE	1065919.9595W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	EA810A6B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+12117
FPAP ORTHOMETRIC HEIGHT	+12117

