

**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.

<b>AIRPORT ID</b> SHL	<b>PROCEDURE NAME</b> RNAV (GPS) RWY 33	<b>ORIGINAL/AMENDMENT</b> 1F	<b>CITY</b> SHELDON	<b>STATE</b> IA
<b>AIRPORT ELEVATION</b> 1419	<b>TDZE</b> 1419	<b>SUPERSEDED</b> RNAV (GPS) RWY 33	<b>DATED</b> 11/04/2021	<b>MAG VAR</b> 5E
<b>FACILITY</b> RNAV	<b>COORDINATES OF FACILITIES</b>	<b>ACTUAL EFFECTIVE DATE</b> 28 DECEMBER 2023	<b>REQUIRED EFFECTIVE DATE</b> ROUTINE	<b>EPOCH YEAR</b> 1995
			<b>CANCEL/SUSPEND</b>	

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
NEWRN		TUDUC		TF	FO	1.00	159.48	13.42	4000
COPYE		WOREB		TF	FB	1.00	089.50	5.82	4000
WOREB	IAF	TUDUC	NOPT	TF	FB	1.00	045.44	6.00	4000
RITTA	IAF	TUDUC	NOPT	TF	FB	1.00	269.45	16.42	4000
TUDUC	IF/IAF	ZOLUS		TF	FB	1.00	330.51	6.00	3000
ZOLUS	FAF	YEPUL/1.80 NM TO RW33		TF	FB	0.30	330.47	3.05	
YEPUL/1.80 NM TO RW33		RW33	MAP	TF	FO	0.30	330.47	1.80	
RW33	MAP	1696 MSL		CA			330.47		
1696 MSL		RINOC		DF	FO	1.00			4000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW33

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 4000 DIRECT RINOC AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- PT
- HOLD SE TUDUC, RT, 330.51 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC: 330.47 FAF: ZOLUS DIST FAF TO MAP: 4.85 DIST FAF TO THLD: 4.85
- MIN ALT: TUDUC 4000, ZOLUS 3000, YEPUL/1.80 NM TO RW33 2020
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 277 HAT: 0.75 GS ANT: MM: IM:
- MIN GP INCPT: 3000 GP ALT AT FAF: ZOLUS 3000
- GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 44.0
- MSA FROM: RW33 3400



**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: RWY 33 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.

**ADDITIONAL FLIGHT DATA:**

HOLD NW, RT, 150.37 INBOUND.  
CHART FAS OBST: 1539 TREE (19-042725) 431046N/0954919W.  
CHART VDP AT 1.09 NM TO RW33.  
WAAS CHANNEL # 82128  
REFERENCE PATH ID: W33A  
LTP HAE: 403.6 M

**MINIMUMS:**

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

**ALTERNATE:** NA  STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

<b><u>CATEGORY:</u></b>	<b><u>A</u></b>			<b><u>B</u></b>			<b><u>C</u></b>			<b><u>D</u></b>			<b><u>E</u></b>		
<b><u>FINAL TYPE</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>												
LPV DA	1718	1	299	1718	1	299	1718	1	299		NA				
LNAV/VNAV DA	1696	1	277	1696	1	277	1696	1	277		NA				
LNAV MDA	1800	1	381	1800	1	381	1800	1 1/8	381		NA				
CIRCLING	1820	1	401	1920	1	501	2080	1 3/4	661		NA				

**CHANGES - REASONS**

1. INCORPORATED P- NOTAM 1/8276 (AMDT 1E)
2. REMOVED "CHART NOTE: PROCEDURE NA FOR ARRIVALS AT NEWRN ON V462 NORTHWEST BOUND - V462 CANCELED.
3. REMOVED LNAV ONLY FROM ADDITIONAL FLIGHT DATA.
4. REMOVED ASTERISK FROM STEPDOWN FIX ALTITUDE AND VDP IN PROFILE VIEW.
5. UPDATED FAS OBSTACLE FORMAT TO INCLUDE OBSTACLE ID.



COORDINATED WITH:

A4A  ALPA  AOPA  APA  HAI  NBAA  OTHER:

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

DATE

*Digitally signed by*

**ERIC N SUSKI**

Oct 27, 2023

DEVELOPED BY

ERIC N SUSKI (ZACHARY KRUEGER)

*Digitally signed by*

**ERIC N SUSKI**

Oct 26, 2023

OFFICE

AJV-A431

DATE

08/01/2023

APPROVED BY

ERIC N SUSKI

*Digitally signed by*

**ERIC N SUSKI**

Oct 26, 2023

OFFICE

AJV-A431

DATE

TITLE  
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSHL
RUNWAY	RW33
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W33A
LTP/FTP LATITUDE	431211.3350N
LTP/FTP LONGITUDE	0954948.5445W
LTP/FTP ELLIPSOIDAL HEIGHT	+04036
FPAP LATITUDE	431332.3800N
FPAP LONGITUDE	0955039.2100W
THRESHOLD CROSSING HEIGHT (TCH)	00044.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1472
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 9AAA0514

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04306
FPAP ORTHOMETRIC HEIGHT	+04306

