

**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> SULLIVAN COUNTY	<u>AIRPORT ID</u> KSIV	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 36	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> SULLIVAN	<u>STATE</u> IN
<u>AIRPORT ELEVATION</u> 539	<u>TDZE</u> 539	<u>SUPERSEDED</u> RNAV (GPS) RWY 36	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 11/13/2014	<u>MAG VAR</u> 2W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 OCTOBER 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1995

**TAA**

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 273/30 CW 093/30	NOPT	VIYUT	IF/IAF	2500
2. 093/30 CW 183/30		ZUGAB	IAF	2600
3. 183/30 CW 273/30		HIPTA	IAF	2600

**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>
HIPTA	IAF	VIYUT	NOPT	TF	FB	1.00	272.76	6.00	2500
ZUGAB	IAF	VIYUT	NOPT	TF	FB	1.00	092.60	6.00	2500
VIYUT	IF/IAF	HULSY		TF	FB	1.00	002.68	6.00	2100
HULSY	FAF	QUZTO/2.00 NM TO RW36		TF	FB	0.30	002.68	2.79	
QUZTO/2.00 NM TO RW36		RW36	MAP	TF	FO	0.30	002.68	2.00	
RW36	MAP	856 MSL		CA			002.68		
856 MSL		JIDIB		DF	FO	1.00			2600

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW36

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2600 DIRECT JIDIB AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



**PROFILE:**

- 1. **PT**      **SIDE OF COURSE**                      **OUTBOUND**                      **FT WITHIN**                      **MILES OF (IAF)**
- 2. HOLD S VIYUT, RT, 002.68 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 6000.
- 3. **FAC:** 002.68      **FAF:** HULSY                      **DIST FAF TO MAP:** 4.79                      **DIST FAF TO THLD:** 4.79
- 4. **MIN ALT:** VIYUT 2500, HULSY 2100, QUZTO/2.00 NM TO RW36 1200\*
- 5. **DIST TO THLD FROM OM:**                      **MM:**                      **IM:**                      **150 HAT:**                      **317 HAT:** 0.88                      **GS ANT:**
- 6. **MIN GP INCPT:** 2100                      **GP ALT AT FAF :** HULSY 2100                      **OM:**                      **MM:**                      **IM:**
- 7. **GP ANGLE:** 3.00                      **34:1:** IS CLEAR                      **20:1:** IS CLEAR                      **TCH:** 40.0
- 8. **MSA FROM:**

**PBN REQUIREMENTS NOTE:**

RNP APCH.

**NOTES:**

CHART NOTE: BARO-VNAV NA.  
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
 \*LNAV ONLY  
 CHART NOTE: USE ROBINSON ALTIMETER SETTING; WHEN NOT RECEIVED, USE TERRE HAUTE ALTIMETER SETTING AND INCREASE LPV DA TO 876, INCREASE LNAV/VNAV DA TO 889, AND INCREASE ALL MDA 20 FEET.

**ADDITIONAL FLIGHT DATA:**

CHART: RED HILLS MOA  
 CHART CIRCLING ICON  
 CHART: CRAWFORD CO AWOS -3  
 WAAS CHANNEL #82136  
 REFERENCE PATH ID: W36A  
 CHART FAS OBST: 640 TOWER 390615N/0872643W.  
 HOLD N, RT, 182.68 INBOUND  
 LTP HAE: 130.7 M

**MINIMUMS:**

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

**ALTERNATE:** NA

CATEGORY:	A			B			C			D			E		
	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	856	1 1/8	317	856	1 1/8	317		NA			NA				
LNAV/VNAV DA	869	1	330	869	1	330		NA			NA				
LNAV MDA	980	1	441	980	1	441		NA			NA				
CIRCLING	1000	1	461	1080	1	541		NA			NA				



**CHANGES - REASONS**

1. AMENDED CA LEG FROM 826 MSL TO 856 MSL - COMPUTED USING UPDATED LPV DA
2. PROFILE LINE 5. CHANGED 287 HAT: 0.87 TO 317 HAT: 0.88 - COMPUTED USING THE LPV HAT VICE THE HIGHER LNAV/VNAV HAT.
3. ADDED 20:1 IS CLEAR TO LINE 7 OF PROFILE VIEW - FAAO 8260.19H 8-6-7G(3).
4. DELETED CHART NOTE: DME/DME RNP-0.3 NA - FAAO 8260.19H 1-1-5F(14).
5. ADDED PBN REQUIREMENTS NOTE: RNP APCH - FAAO 8260.19H 8-6-8B(1).
6. CHANGED CHART NOTE: USE ROBINSON ALTIMETER SETTING, WHEN NOT RECEIVED, USE TERRE HAUTE INTL-HULMAN FIELD ALTIMETER SETTING AND INCREASE ALL DA AND MDA 20 FEET TO CHART NOTE: USE ROBINSON ALTIMETER SETTING; WHEN NOT RECEIVED, USE TERRE HAUTE ALTIMETER SETTING AND INCREASE LPV DA TO 876, INCREASE LNAV/VNAV DA TO 889, AND INCREASE ALL MDA 20 FEET- IAW FAAO 8260.19H 8-6-9.F.NOTE 2(6).
7. CHANGED LNAV/VNAV DA FROM 826 TO 869 AND HAT FROM 287 TO 330 - NEW CONTROLLING OBSTACLE IDENTIFIED.
8. CHANGED LNAV MDA FROM 940 TO 980 AND HAT FROM 401 TO 441 - NEW CONTROLLING OBSTACLE IDENTIFIED.
9. CHANGED FAS OSTACLE FROM 637 TREE 390510N/0872742W TO 640 TOWER 390615N/0872643W - NEW CONTROLLING OBSTACLE IDENTIFIED.
10. ADDED MAX 6000 TO LINE 2 - FAAO 8260.19H CH8.
11. ADDED "CHART CRAWFORD CO AWOS - 3" TO ADDITIONAL FLIGHT DATA - FAAO 8260.19H 8-2-4 B (3).

**COORDINATED WITH:**

**A4A**  **ALPA**  **AOPA**  **APA**  **HAI**  **NBAA**  **OTHER:** ZID, HUF APP CON, AMGR

**FLIGHT CHECKED BY**

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:  
FLIGHT INSPECTION REVIEW NOT REQUIRED

**OFFICE**

**DATE**

*Digitally signed by*

**DEVELOPED BY**

DAVID DANNER (DEAN GRACEY)

*Digitally signed by*

**CASIMIR L TABAKA**

**CASIMIR L TABAKA**

May 09, 2019

**OFFICE**

AJV-A421

**DATE**

04/10/2019

**APPROVED BY**

MARLON ROBINSON

*Digitally signed by*

**CASIMIR L TABAKA**

May 09, 2019

**OFFICE**

AJV-A420

**DATE**

**TITLE**  
MANAGER



**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSIV
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	390631.4240N
LTP/FTP LONGITUDE	0872654.3220W
LTP/FTP ELLIPSOIDAL HEIGHT	+01307
FPAP LATITUDE	390800.6000N
FPAP LONGITUDE	0872652.9630W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1424
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	BD0CBE8F

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01629
FPAP ORTHOMETRIC HEIGHT	+01629

