

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
YASDU (IAF)	ERAPE (NOPT) (FB)	311.93 / 8.70	3800	LPV: DA LNAV/VNAV: DA LNAV: RW24
JUGUK (IAF)	ERAPE (NOPT) (FB)	171.73 / 8.70	3800	
ERAPE (IF/IAF)	AGURY (FB)	241.77 / 7.06	2600	CLIMB TO 3800 DIRECT CIVAK AND HOLD.
AGURY (FAF)	KUCEN/2.50 NM TO RW24 (FB)	241.70 / 2.07		
KUCEN/2.50 NM TO RW24	RW24 (MAP) (FO)	241.70 / 2.50		
RW24 (MAP)	1375 MSL	241.70		ADDITIONAL FLIGHT DATA: HOLD SW, RT, 061.52 INBOUND. CHART FAS OBST: 1223 WATER TWR 355926N/0854827W CHART 1242 TOWER 360026N/0854514W DISTANCE TO THLD FROM 291 HATH: 0.73 NM. WAAS CHANNEL # 93527 REFERENCE PATH ID: W24A CHART SPARTA AWOS-3 LTP HAE: 301.2 M
1375 MSL	CIVAK (FO)		3800	

1. PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
2. HOLD NE ERAPE, RT, 241.77 INBOUND, 3800 FT. IN LIEU OF PT (IAF)
3. FAC: 241.70 FAF: AGURY DIST FAF TO MAP: 4.57 THLD: 4.57
4. MIN. ALT: ERAPE 3800, AGURY 2600, KUCEN/2.50 NM TO RW24 1920\*
5. DIST TO THLD FROM OM:        MM:        IM:        150 HAT:        100 HAT:        GS ANT:
6. MIN GS INCPT: 2600 GS ALT AT: AGURY 2600 OM:        MM:        IM:
7. GS ANGLE: 3.00 TCH: 59.0 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 4W                      EPOCH YEAR: 2010

**MINIMUMS**

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A X								
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	1375	1	291	1375	1	291	1375	1	291						
LNAV/VNAV DA	1414	1	330	1414	1	330	1414	1	330						
LNAV MDA	1520	1	436	1520	1	436	1520	1 1/4	436						
CIRCLING	1680	1	596	1680	1	596	1680	1 1/2	596			NA			

**NOTES:**  
 CHART NOTE: BARO-VNAV NA.  
 CHART NOTE: PROCEDURE NA AT NIGHT.  
 CHART NOTE: DME/DME RNP-0.3 NA.  
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.  
 (SEE FORM 8260-10)



CITY AND STATE SMITHVILLE, TN	ELEVATION: 1084    THRE: 1084 AIRPORT NAME: SMITHVILLE MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 24, AMDT 3	SUP: AMDT: 2 DATED 04/05/2012
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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.

NOTES, (CONT.):

\*LNAV ONLY

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED.

CHART NOTE: USE SPARTA ALTIMETER SETTING; WHEN NOT RECEIVED, USE TULLAHOMA ALTIMETER SETTING AND INCREASE ALL DA 56 FT, LPV VISIBILITY ALL CATS 1/8 MILE, AND LNAV/VNAV VISIBILITY ALL CATS 1/4 MILE; INCREASE ALL MDA 60 FT, LNAV CAT C VISIBILITY 1/8 MILE, AND CIRCLING CAT C VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	172/30 CW 312/30 (NOPT)	172/9 CW 312/9	4900
2.	172/9 CW 312/9	ERAPE (IF/IAF) (FB)	3800
3.	312/30 CW 062/30	YASDU (IAF) (FB)	4700
4.	062/30 CW 172/30	JUGUK (IAF) (FB)	3800



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				AMDT:    2
				DATED:    04/05/2012

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	0A3
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	355918.8185N
LTP/FTP LONGITUDE	0854810.9140W
LTP/FTP ELLIPSOIDAL HEIGHT	+03012
FPAP LATITUDE	355831.0600N
FPAP LONGITUDE	0854943.6500W
THRESHOLD CROSSING HEIGHT (TCH)	00059.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1456
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 1F6A8419

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+03305
FPAP ORTHOMETRIC HEIGHT	+03305



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	AIRPORT NAME: SMITHVILLE MUNI			AMDT: 2
				DATED: 04/05/2012



**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICES - FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ERAPE	ERAPE	010	IAF	HF	R	FO		241.8(237.8T)	004.0	AA 03800	
	JUGUK	JUGUK	010	IAF	IF		FB					
	JUGUK	ERAPE	020		TF		FB	1.0	171.7(167.7T)	008.7	AA 03800	
	YASDU	YASDU	010	IAF	IF		FB					
	YASDU	ERAPE	020		TF		FB	1.0	311.9(307.9T)	008.7	AA 03800	
		ERAPE	010	FACF	IF		FB				AA 03800	
		AGURY	020	FAF	TF		FB	0.5	241.8(237.8T)	007.1	AA 02600	
		KUCEN	021	SDF	TF		FB	0.3	241.7(237.7T)	002.1	AA 01920	GS 01939
		RW24	030	MAP	TF		FO	0.3	241.7(237.7T)	002.5	AT 01143	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		241.7(237.7T)		AA 01375	
	CIVAK	050		DF		FO				AA 03800	
	CIVAK	060		HM	R	FO		061.5(057.5T)	004.0	AA 03800	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AGURY	N360145.79	W0854325.06	N3601.763	W08543.418
	CIVAK	N355151.25	W0860237.55	N3551.854	W08602.626
	ERAPE	N360532.13	W0853603.55	N3605.536	W08536.059
	JUGUK	N361402.95	W0853820.45	N3614.049	W08538.341
	KUCEN	N360039.17	W0854534.72	N3600.653	W08545.579
	YASDU	N360011.07	W0852735.55	N3600.185	W08527.593
	RW24	N355918.82	W0854810.91	N3559.314	W08548.182

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW24	01084	59



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