

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.					
TERMINAL ROUTES										MISSED APPROACH										
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW24										
YASDU (IAF)		ERAPE (NOPT) (FB)		311.93 / 8.70				3800		CLIMB TO 3800 DIRECT CIVAK AND HOLD.										
JUGUK (IAF)		ERAPE (NOPT) (FB)		171.73 / 8.70				3800												
ERAPE (IF/IAF)		AGURY (FB)		241.77 / 7.06				2600												
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																
1375 MSL		CIVAK (FO)						3800		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										
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		NA									
LNAV/VNAV DA	1414	1	330	1414	1	330	1414	1	330		NA									
LNAV MDA	1520	1	436	1520	1	436	1520	1 1/4	436		NA									
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		ELEVATION: 1084 THRE: 1084		AIRPORT NAME:		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:								
SMITHVILLE, TN				SMITHVILLE MUNI		RNAV		RNAV (GPS) RWY 24, AMDT 3 27 JUNE 2013				AMDT: 2								
												DATED 04/05/2012								

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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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

QUALITY
CHECKED

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 27 JUNE 2013	SUP:
				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**DATA FIELD****DATA**

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

QUALITY
4
CHECKED

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

27 JUNE 2013

SUP:

AMDT:

2

DATED:

04/05/2012

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP 0A3 K7FR24	AERAPE	010ERAPEK7EA0EE	AR	HF		24180040		+ 03800	18000			A JS	
SUSAP 0A3 K7FR24	AJUGUK	010JUGUKK7EA0E	A	IF					18000			A JS	
SUSAP 0A3 K7FR24	AJUGUK	020ERAPEK7EA0EE	B	010TF		17170087		+ 03800				A JS	
SUSAP 0A3 K7FR24	AYASDU	010YASDUK7EA0E	A	IF					18000			A JS	
SUSAP 0A3 K7FR24	AYASDU	020ERAPEK7EA0EE	B	010TF		31190087		+ 03800				A JS	
SUSAP 0A3 K7FR24	R	010ERAPEK7EA0E	I	IF				+ 03800	18000			A JS	
SUSAP 0A3 K7FR24	R	020AGURYK7EA1E	F	051TF		24180071		+ 02600				A JS	
SUSAP 0A3 K7FR24	R	020AGURYK7EA2WALPV			ALNAV/VNAV ALNAV							JS	
SUSAP 0A3 K7FR24	R	021KUCENK7EA0E	S	031TF		24170021		V	0192001939		-300	A JS	
SUSAP 0A3 K7FR24	R	030RW24 K7PG0GY	M	031TF		24170025			01143		-300	A JS	
SUSAP 0A3 K7FR24	R	040	0	M	CA	2417		+ 01375				A JS	
SUSAP 0A3 K7FR24	R	050CIVAKK7EA0EY		DF				+ 03800				A JS	
SUSAP 0A3 K7FR24	R	060CIVAKK7EA0EE	R	HM		06150040		+ 03800				A JS	

[illegible][illegible]

CITY AND STATE SMITHVILLE, TN	ELEVATION: 1084	THRE: 1084	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 24, AMDT 3 27 JUNE 2013	SUP:
	AIRPORT NAME: SMITHVILLE MUNI	FACILITY IDENTIFIER: RNAV		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

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
27 JUNE 2013

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