

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	
BUYBA (IF/IAF)	ECIDA (FB)	227.70 / 9.62	3600	LPV: DA LNAV/VNAV: DA LNAV: RW23
ECIDA (FAF)	YOSSU/3.30 NM TO RW23 (FB)	227.62 / 3.05		
YOSSU/3.30 NM TO RW23	GECEC/2.30 NM TO RW23 (FB)	227.60 / 1.00		CLIMB TO 6400 DIRECT HOSEM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6400.
GECEC/2.30 NM TO RW23	RW23 (MAP) (FO)	227.59 / 2.30		
RW23 (MAP)	1718 MSL	227.59		ADDITIONAL FLIGHT DATA: HOLD SW, RT, 047.46 INBOUND. CHART FAS OBST: 1824 ANT POLE 363010N/0822331W OBST: 2319 AAO 363402N/0821917W DISTANCE TO THLD FROM 200 HATH: 0.44 NM. CHART VDP AT 1.59 MILES TO RW23* *LNAV ONLY. WAAS CHANNEL # 77626 REFERENCE PATH ID: W23A LTP HAE: 431.1 M
1718 MSL	HOSEM (FO)		6400	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NE BUYBA, LT, 227.70 INBOUND, 5200 FT. IN LIEU OF PT (IAF)
- FAC: 227.62 FAF: ECIDA DIST FAF TO MAP: 6.35 THLD: 6.35
- MIN. ALT: BUYBA 5200, ECIDA 3600, YOSSU/3.30 NM TO RW23 2620*, GECEC/2.30 NM TO RW23 2300*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 3600 GS ALT AT: ECIDA 3600 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 58.6 34:1 IS CLEAR
- MSA FROM:

MAG VAR: 5W EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: NA		STANDARD @						
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	1718	2400	200	1718	2400	200	1718	2400	200	1718	2400	200			
LNAV/VNAV DA	2160	1 3/4	642	2160	1 3/4	642	2160	1 3/4	642	2160	1 3/4	642			
LNAV MDA	2080	2400	562	2080	2400	562	2080	1 1/4	562	2080	1 1/4	562			
CIRCLING	2120	1	601	2120	1	601	2120	1 3/4	601	2120	2	601			

NOTES:
CHART NOTE: CIRCLING TO RWY 9-27 NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -13C (9F) OR ABOVE 34C (93F).
CHART NOTE: CIRCLING NA NW OF RWY 9-23.
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY
CHECKED

CITY AND STATE BRISTOL/JOHNSON/KINGSPORT, TN	ELEVATION: 1519 THRE: 1518 AIRPORT NAME: TRI-CITIES RGNL TN/VA	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, AMDT 1 9 FEB 2012	SUP: RNAV (GPS) Z RWY 23 AMDT: ORIG DATED 06/10/2004
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NOTES, (CONT.):

CHART PROFILE NOTE: VGSJ AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ELIZABETHTON ALTIMETER SETTING AND INCREASE ALL DA 41 FEET AND ALL MDA 60 FEET; INCREASE LNAV/VNAV ALL CATS AND LNAV CAT C-D VISIBILITY 1/8 MILE.

CHART NOTE: VDP AND BARO-VNAV NA WHEN USING ELIZABETHTON ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	138/30 CW 265/30 (NOPT)	138/7 CW 265/7	6300
2.	265/30 CW 318/30 (NOPT)	265/10 CW 318/10	7400
3.	138/7 CW 265/7	BUYBA (IF/IAF) (FB)	5200
	265/10 CW 318/10	BUYBA (IF/IAF) (FB)	5200
4.	318/30 CW 138/30	318/10 CW 138/10	7200
5.	318/10 CW 138/10	BUYBA (IF/IAF) (FO)	5200

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CITY AND STATE

BRISTOL/JOHNSON/KINGSPORT, TN

ELEVATION: 1519

THRE: 1518

AIRPORT NAME:

TRI-CITIES RGNL TN/VA

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 23, AMDT 1

9 FEB 2012

SUP: RNAV (GPS) Z RWY
23

AMDT: ORIG

DATED: 06/10/2004

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

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTRI
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	362853.4850N
LTP/FTP LONGITUDE	0822402.5600W
LTP/FTP ELLIPSOIDAL HEIGHT	+04311
FPAP LATITUDE	362747.7800N
FPAP LONGITUDE	0822517.2800W
THRESHOLD CROSSING HEIGHT (TCH)	00058.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0312
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

08ACE753

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+04627
FPAP ORTHOMETRIC HEIGHT	+04627



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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KTRIK7FR23	ABUYBA	010BUYBAK6EA0EE	AL	HF		22770050		+ 05200	18000			A	JS
SUSAP KTRIK7FR23	R	010BUYBAK6EA0E	I	IF				+ 05200	18000			A	JS
SUSAP KTRIK7FR23	R	020ECIDAK7EA1E	F	051TF		22770096		+ 03600				A	JS
SUSAP KTRIK7FR23	R	020ECIDAK7EA2WALPV			ALNAV/VNAV								JS
SUSAP KTRIK7FR23	R	021YOSSUK7EA0E	S	031TF		22760031		V 0262002627		-300		A	JS
SUSAP KTRIK7FR23	R	022GEGECK7EA0E	S	031TF		22760010		V 0230002309		-300		A	JS
SUSAP KTRIK7FR23	R	030RW23	K7PGOGY	M	031TF	22760023		01577		-300		A	JS
SUSAP KTRIK7FR23	R	040		0	M	CA	2276	+ 01718				A	JS
SUSAP KTRIK7FR23	R	050HOSEMK7EA0EY		DF				+ 06400				A	JS
SUSAP KTRIK7FR23	R	060HOSEMK7EA0EE	R	HM		04750100		+ 06400				A	JS

[illegible][illegible]

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1
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