

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: RW23 CLIMB TO 6400 DIRECT HOSEM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6400. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 049.46 INBOUND. CHART FAS OBST: 1824 ANT POLE 363010N/0822331W 2319 AAO 363402N/0821917W DISTANCE TO THLD FROM 200 HATH: 0.44 NM. CHART VDP AT 1.59 NM TO RW23* *LNAV ONLY. WAAS CHANNEL # 77626 REFERENCE PATH ID: W23A CHART CIRCLING ICON. LTP HAE: 431.1 M						
BUYBA (IF/IAF)		ECIDA (TF) (FB) (RNP 1.00)			229.70 / 9.62			3600								
ECIDA (FAF)		YOSSU/3.30 NM TO RW23 (TF) (FB) (RNP 0.30)			229.59 / 3.05											
YOSSU/3.30 NM TO RW23		GEGEC/2.30 NM TO RW23 (TF) (FB) (RNP 0.30)			229.59 / 1.00											
GEGEC/2.30 NM TO RW23		RW23 (MAP) (TF) (FO) (RNP 0.30)			229.59 / 2.30											
RW23 (MAP)		1718 MSL (CA)			229.59											
1718 MSL		HOSEM (DF) (FO) (RNP 1.00)														
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NE BUYBA, LT, 229.70 INBOUND, 5200 FT. IN LIEU OF PT (IAF) 3. FAC: 229.59 FAF: ECIDA DIST FAF TO MAP: 6.35 THLD: 6.35 4. MIN. ALT: BUYBA 5200, ECIDA 3600, YOSSU/3.30 NM TO RW23 2620*, GEGEC/2.30 NM TO RW23 2300* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 3600 GS ALT AT: ECIDA 3600 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 58.6 34:1 IS CLEAR 8. MSA FROM: _____											MAG VAR: 7W		EPOCH YEAR: 2020			
MINIMUMS																
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A						
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	2180	1	661	2300	2 1/4	781	2500	3	981				
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -13C (9F) OR ABOVE 34C (93F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: CIRCLING NA NW OF RWY 9-23. CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). (CONTINUED ON PAGE 2)																
CITY AND STATE			ELEVATION: 1519 TDZE: 1518			FACILITY IDENTIFIER: RNAV			PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
BRISTOL/JOHNSON/KINGSPORT, TN			AIRPORT NAME:						RNAV (GPS) RWY 23, AMDT 1C				AMDT: 1B			
			TRI-CITIES						7 DECEMBER 2017				DATED 11/12/2015			



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

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NOTES, (CONT.):

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 SM.

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

CHART NOTE: # RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.

TAA

	<u>FROM</u>	<u>TO</u>	<u>ALT</u>
1.	140/30 CW 267/30 (NOPT)	140/7 CW 267/7	6300
2.	267/30 CW 320/30 (NOPT)	267/10 CW 320/10	7400
3.	140/7 CW 267/7	BUYBA (IF/IAF) (FB)	5200
	267/10 CW 320/10	BUYBA (IF/IAF) (FB)	5200
4.	320/30 CW 140/30	320/10 CW 140/10	7200
5.	320/10 CW 140/10	BUYBA (IAF) (FO)	5200

QUALITY
19
CHECKED

CITY AND STATE

BRISTOL/JOHNSON/KINGSPORT, TN

ELEVATION: 1519

TDZE: 1518

AIRPORT NAME:

TRI-CITIES

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 23, AMDT 1C

7 DECEMBER 2017

SUP:

AMDT: 1B

DATED: 11/12/2015

**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	KTRI
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	362853.4830N
LTP/FTP LONGITUDE	0822402.5585W
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

4D2963EC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+04626
FPAP ORTHOMETRIC HEIGHT	+04626

QUALITY
19
CHECKED

CITY AND STATE BRISTOL/JOHNSON/KINGSPORT, TN	ELEVATION: 1519 AIRPORT NAME: TRI-CITIES	TDZE: 1518 TRI-CITIES	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, AMDT 1C 7 DECEMBER 2017	SUP:
					AMDT: 1B
					DATED: 11/12/2015