

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23

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 ID</u> KTYS	<u>PROCEDURE NAME</u> VOR RWY 23R	<u>ORIGINAL/AMENDMENT</u> 8	<u>CITY</u> KNOXVILLE	<u>STATE</u> TN		
<u>AIRPORT ELEVATION</u> 986	<u>TDZE</u> 984	<u>SUPERSEDED</u> VOR RWY 23R	<u>ORIGINAL/AMENDMENT</u> 7	<u>DATED</u> 05/12/2005	<u>MAG VAR</u> 3W	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> VXV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 12 AUGUST 2021	<u>REQUIRED EFFECTIVE DATE</u> 08/12/2021	<u>CANCEL/SUSPEND</u>		

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>

MISSED APPROACH

MAP:

6.61 NM AFTER VXV VORTAC OR AT 6.61 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 ON VXV VORTAC R-231 TO GROSS INT/29.13 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT R SIDE OF COURSE 044.26 OUTBOUND 4000 FT WITHIN 10 MILES OF VXV VORTAC (IAF)
- 2.
3. FAC: 224.26 FAF: VXV VORTAC DIST FAF TO MAP: 6.61 DIST FAF TO THLD: 6.61
4. MIN ALT: VXV VORTAC 3200
8. MSA FROM: VXV VORTAC 080-200 7900, 200-080 5100

EQUIPMENT REQUIREMENTS NOTES:

NOTES:



ADDITIONAL FLIGHT DATA:
CHART CIRCLING ICON
HOLD SW, RT, 050.88 INBOUND.
FAS OBST: 1340 AAO 355207N/0835444W.
CHART VDP AT 4.74 DME
DISTANCE VDP TO THLD 1.87 NM.
VXV VORTAC TO RW23R: 3.08/55.7.

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

ALTERNATE: NA ☐ STANDARD - CAT D 1000-3

CATEGORY:	A			B			C			D			E		
FINAL TYPE	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
S-23R	1640	2400	656	1640	2400	656	1640	1 3/8	656	1640	1 3/8	656			
CIRCLING	1640	1	654	1640	1	654	1660	2	674	1900	3	914			

- CHANGES - REASONS**
- APT ELEVATON CHANGED FROM 979 TO 986 AND TDZE FROM 979 TO 984 - NEW AIRNAV DATA DUE TO RWY CONSTRUCTION.
 - TCH CHANGED FROM 55 TO 55.7 - NEW AIRNAV DATA DUE TO RWY CONSTRUCTION.
 - FAF ALTITUDE CHANGED FROM 3100 TO 3200 - TO MEET UPDATED VDA REQUIREMENTS/8260.3D.
 - LINE 1 PROCEDURE TURN OUTBOUND COURSE CHANGED FROM 048.00 TO 044.26 - NEW SURVEY/APT MAGVAR UPDATE.
 - CHANGED MISSED APPROACH FROM "CLIMB TO 3000 VIA VXV VORTAC R-231 TO GROSS INT/29.13 DME AND HOLD" TO CLIMB TO 3000 ON VXV VORTAC R-231 TO GROSS INT/29.13 DME AND HOLD" - CURRENT DOCUMENTATION POLICY.
 - REMOVED CHART 1539 AAO 355418N/0835342W FROM ADDITIONAL FLIGHT DATA - NEW AIRPORT SURVEY.
 - ADDED CHART CIRCLING ICON - 8260.19I.
 - CHANGED FAS OBSTACLE FROM 1299 100' MSL TREE TO 1340 MSL AAO - NEW FINAL CONTROLLER/MAP STUDY.
 - CHANGED VDP FROM 4.89 DME TO 4.74 DME AND VDP DISTANCE TO THLD FROM 1.72 NM TO 1.87 NM - MDA/HAT UPDATED FROM 1580/599 TO 1640/656.
 - CHANGED S-23R MDA/HAT FROM 1580/599 TO 1640/656, VISIBILITY CAT C FROM RVR 5000 TO 1 3/8 SM AND CAT D FROM RVR 6000 TO 1 3/8 SM - NEW CONTROLLING OBSTACLE/8260.3D TABLE 3 -3-1.
 - CHANGED CIRCLING MDA/HAT CAT A/B FROM 1580/599 TO 1640/654, CAT C FROM 1580/599 TO 1660/674, AND CAT D 1620/639 TO 1900/914. VISIBILITY CHANGED CAT C FROM 1 1/2 SM TO 2 SM AND CAT D FROM 2 SM TO 3 SM - MDA CHANGE/8260.3D 3-3-1.

COORDINATED WITH:
A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ **OTHER:** ZTL, TYS ATCT, AMGR, ATA

FLIGHT CHECKED BY PENDING	<i>Digitally signed by</i> DONALD H LANIER May 13, 2021	OFFICE FICO	DATE	
DEVELOPED BY JON DENTON (LORRI DOWNEY)	<i>Digitally signed by</i> DONALD H LANIER	OFFICE AJV-A432	DATE 01/28/2021	
APPROVED BY LONNIE EVERHART	<i>Digitally signed by</i> DONALD H LANIER May 13, 2021	OFFICE AJV-A430	DATE	TITLE MANAGER

