

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
LOC STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.25**

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> KDKX	<u>PROCEDURE NAME</u> LOC RWY 26	<u>ORIGINAL/AMENDMENT</u> 5	<u>CITY</u> KNOXVILLE	<u>STATE</u> TN		
<u>AIRPORT ELEVATION</u> 833	<u>TDZE</u> 832	<u>SUPERSEDED</u> LOC RWY 26	<u>ORIGINAL/AMENDMENT</u> 4C	<u>DATED</u> 03/28/2019	<u>MAG VAR</u> 5W	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> I-DKX	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 19 MAY 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
AUBRY/VXV 15.00 DME CCW	IAF	SPROC/VXV 15.00 DME/RADAR					15.00 DME ARC (VXV LR-074)		3500
SPROC/VXV 15.00 DME/RADAR	IF	RIZEN OM/RADAR					260.18	7.39	2700

MISSED APPROACH

MAP:

5.09 NM AFTER RIZEN OM/RADAR

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 ON HEADING 250 AND ON VXV VORTAC R-265 TO SWASO/VXV 17.98 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT SPROC
3. FAF: 260.18 FAF: RIZEN OM/RADAR DIST FAF TO MAP: 5.09 DIST FAF TO THLD: 5.09
4. MIN ALT: SPROC/VXV 15.00 DME/RADAR 3500, RIZEN OM/RADAR 2700, WOGEL INT/RADAR 1520
8. MSA FROM: VXV VORTAC 090-200 7900, 200-090 5100

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.
RADAR REQUIRED FOR PROCEDURE ENTRY.

NOTES:

CHART NOTE: RWY 26 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.



ADDITIONAL FLIGHT DATA:

HOLD W, LT, 085.33 INBOUND.
CHART FAS OBST: 1169 TREE (47-037124) 355817N/0834848W.
1400 AAO 355822N/0834545W.
CHART VXV R-102 AT AUBRY.
CHART CIRCLING ICON.
RIZEN OM TO RW26: 3.38/43.7.

MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT B 900-2, CAT C 900-2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

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-26	1520	1	688	1520	1	688	1520	2	688		NA				
CIRCLING	1600	1	767	1720	1 1/4	887	1720	2 3/4	887		NA				
WOGEL FIX MINIMUMS															
S-26	1440	1	608	1440	1	608	1440	1 3/4	608		NA				
CIRCLING	1600	1	767	1720	1 1/4	887	1720	2 3/4	887		NA				

CHANGES - REASONS

1. INCORPORATED CHANGES FROM PREVIOUS P-NOTAMS INTO FORM.
2. UPDATED TDZE FROM "833" TO "832" - UPDATED AIRPORT SURVEY.
3. DELETED CHART PLANVIEW NOTE: DME OR RADAR REQUIRED AND DELETED EQUIPMENTS REQUIREMENTS NOTE DME REQUIRED. ADDED EQUIPMENT REQUIREMENTS NOTE DME REQUIRED AND RADAR REQUIRED FOR PROCEDURE ENTRY - IAW 8260.19 PARA 8-6-8.
4. DELETED CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT - INCREASED FAF ALTITUDE FROM 2500 TO 2700 TO COINCIDE WITH VGSI.
5. DELETED CHART NOTE: CIRCLING RWY 8 NA AT NIGHT - UPDATED OBSTACLE SURVEY, AIRPORT REMOVED OBSTACLES.
6. ADDED 7:1 OBSTACLE TO ADDITIONAL FLIGHT DATA 1400 AAO 355822N/0834545W - UPDATED MAP STUDY.
7. DELETED FROM ADDITIONAL FLIGHT DATA 7:1 OBSTACLES 1639 AAO 355904N/0834458W AND 1259 AAO 355829N/0834741W - UPDATED SURVEY AND MAP STUDY.
8. UPDATED VDA FOR RIZEN OM TO RW26 FROM "3.03/32" TO "3.38/43.7 - MATCH VGSI VALUE AND IAW 8260.3 PARA 2-6-2.
9. ADDED TO ADDITIONAL FLIGHT DATA: CHART CIRCLING ICON - IAW 8260.3, SECTION 2-7 PARA 2-7-1 AND 8260.19 PARA 8-6-10 S.
10. UPDATED S-26 MDA/HAT FROM "1820/987" TO "1520/688" ALL CATS AND CAT A VISIBILITY FROM "1 1/4" TO "1", CAT B FROM "1 1/2" TO "1" AND CAT C FROM "3" TO "2". UPDATED CIRCLING MDA/HAA FROM "1820/987" ALL CATS TO CAT A MDA/HAA "1600/767", CAT B AND C MDA/HAA "1720/887". CIRCLING VISIBILITY CAT A FROM "1 1/4" TO "1", CAT B FROM "1 1/2" TO "1 1/4" AND CAT C FROM "3" TO "2 3/4" - UPDATED AIRPORT SURVEY, TDZE CHANGED FROM 833 TO 832 AND NEW CONTROLLING OBSTACLES.
11. UPDATED WOGEL FIX MINIMUMS S-26 MDA/HAT FROM "1460/627" TO "1440/608" ALL CATS AND WOGEL FIX MINIMUMS CIRCLING CAT B/C FROM MDA/HAA "1740/907" TO 1720/887" - UPDATED AIRPORT SURVEY, TDZE CHANGED FROM 833 TO 832 AND NEW CONTROLLING OBSTACLES.
12. REMOVED ALL NOTES REFERENCING BACK-UP ALTIMETER SETTING - PRIMARY AWOS ON WMSCR, NOTES ADDED TO 8260-9 FOR CONTINGENCY USE.
13. INCREASED ALTITUDE FROM SPROC (IF) TO RIZEN OM (FAF) FROM "2500" TO "2700" - COINCIDE WITH VGSI ANGLE IAW 8260.3 PARA 2-6-2.
14. UPDATED FAS OBSTACLE FROM "1199 TREE 355816N/0834849W" TO "1169 TREE (47-037124) 355817N/0834848W" - UPDATED OBSTACLE SURVEY.
15. UPDATED ALTERNATE MINIMUMS FROM "CAT A,B 1000-2, CAT C 1000-3" TO "CAT B 900-2, CAT C 900-2 3/4" - UPDATED APPROACH MINIMUMS DUE TO NEW SURVEY, MAP STUDY AND AIRPORT SURVEY.
16. DECREASED MINIMUM ALTITUDE AT STEPDOWN FIX WOGEL INT/RADAR FROM "1820" TO "1520" - UPDATED OBSTACLE AND MAP STUDY AND OPTIMIZE DESCENT.



AIRPORT ID
KDKX

PROCEDURE NAME
LOC RWY 26

ORIGINAL/AMENDMENT
5

CITY
KNOXVILLE

STATE
TN

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: ZTL, TYS APP CON, AMGR

FLIGHT CHECKED BY

Digitally signed by

DONALD H LANIER

Mar 29, 2022

OFFICE

FPO

DATE

02/16/2022

DEVELOPED BY

Digitally signed by

FRANK JACKSON

Jan 03, 2022

OFFICE

AJV-A431

DATE

10/26/2021

APPROVED BY

Digitally signed by

DONALD H LANIER

Mar 29, 2022

OFFICE

AJV-A430

DATE

TITLE
MANAGER

