

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</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>	
WAYNESVILLE-ST ROBERT RGNL FORNEY FLD	KTBN	VOR RWY 33	1	FORT LEONARD WOOD	MO	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
1160	1153	VOR RWY 32	ORIG-C	09/28/2006	0E	2020
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
TBN		15 AUGUST 2019	08/15/2015			

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>
WYLLS/I-TBN LOC/DME 12.23 DME/RADAR	IF	HAUKE/I-TBN LOC/DME 5.55 DME/RADAR					329.00	6.67 (TBN R-149)	3000

MISSED APPROACH

MAP:

WOVNU/I-TBN 0.18 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 ON TBN VOR R-323 TO REBBS INT/I-TBN LOC/DME 10.98 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
2. HOLD SE WYLLS, RT, 329.00 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
3. **FAC:** 329.00 **FAF:** HAUKE/I-TBN LOC/DME 5.55 DME/RADAR **DIST FAF TO MAP:** 5.69 **DIST FAF TO THLD:** 5.69
4. **MIN ALT:** WYLLS/I-TBN LOC/DME 12.23 DME/RADAR 3000, HAUKE/I-TBN LOC/DME 5.55 DME/RADAR 3000
8. **MSA FROM:** TBN VOR 2900

EQUIPMENT REQUIREMENTS NOTES:

DME OR RADAR REQUIRED.
RADAR REQUIRED FOR PROCEDURE ENTRY.

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER NOT RECEIVED, USE ROLLA NATIONAL ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET. INCREASE S-33 CATS C/D VISIBILITY TO 1 1/4 SM.
CHART NOTE: PROCEDURE NA WHEN R4501B OR R4501H IN USE.
CHART NOTE: CIRCLING NA W OF RWY 15-33.
CHART NOTE: RWY 33 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO CATS A AND B.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE CATS C AND D VISIBILITY TO 1 3/8 SM.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO CATS A AND B WHEN USING ROLLA NATIONAL ALTIMETER SETTING.



ADDITIONAL FLIGHT DATA:
CHART IN PROFILE VIEW: I-TBN DME ANTENNA.
CHART CIRCLING ICON.
HAUKE TO RW33: 3.00/36.
CHART R-4501 A, B, C, D, E, F, H
CHART VDP AT 1.15 DME
DISTANCE VDP TO THLD 1.28 NM
FAS OBST: 1350 AAO 374008N/0920637W.
FAC 408 FT R OF RWY C/L EXTENDED 3000 FT FROM THLD.
HOLD SE, RT, 323.00 INBOUND

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

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.

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-33	1600	1	447	1600	1	447	1600	1	447	1600	1	447			
CIRCLING	1600	1	440	1660	1	500	1660	1 1/2	500	1720	2	560			

- CHANGES - REASONS**
1. DELETED INITIAL FROM MAP VORTAC TO WYLLS. - ATC REQUEST DUE TO IMPENDING MAP VORTAC DECOMMISSIONING.
 2. ADDED 3 DEGREES TO ALL COURSES AND HEADINGS AND CHANGED RUNWAY FROM 32 TO 33. - AIRPORT, AND FACILITY MAGNETIC VARIATION UPDATED FROM 3E TO 0.
 3. CHANGED WYLLS AND HAUKE FIXES FROM INTERSECTIONS TO DME/RADAR FIXES. - ATC REQUEST, MAP VORTAC ON LIST TO BE DECOMMISSIONED.
 4. CHANGED MAP FROM TBN VOR TO FIX WOVNU. - FAAO 8260.3D PARAGRAPH 5-2-5 A(1).
 5. CHANGED DIST FAF TO MAP ON LINE 3 OF PROFILE VIEW FROM 5.72 TO 5.69 AND FAF TO THLD FROM 5.23 TO 5.69. - NEW FAF AND MAP LOCATION.
 6. RAISED S-32 MDA FROM 1580 TO 1600. - NEW FAS OBSTACLE IDENTIFIED BY MAP STUDY.
 7. CHANGED FAS OBSTACLE IN ADDITIONAL FLIGHT DATA FROM 1273 TOWER TO 1350 AAO. - NEW MAP STUDY.
 8. LOWERED S-33 CATS C/D VISIBILITY FROM 1 1/4 AND 1 1/2 TO 1 AND 1. - FAAO 8260.3D CHAPTER 3 AND AJV VISI CALCULATOR.
 9. RAISED CIRCLING MDA/HAA FROM 1580/421, 1620/461, 1660/501, AND 1720/561 TO 1600/440, 1660/500, 1660/500, AND 1720/560. - APPLIED NEW CIRCLING CRITERIA AND HIGHER S/I MINIMUMS.
 10. ADDED CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA. - NEW CIRCLING CRITERIA APPLIED.
 11. CHANGED TCH IN ADDITIONAL FLIGHT DATA FROM 37 TO 36. - NEW IAPA CALCULATIONS AND MAKE COINCIDENT WITH VGSI.
 12. ADDED INOP TABLE DOES NOT APPLY TO CATS A/B BOTH FOR LOCAL AND BACKUP ALTIMETER SETTING AND FOR INOPERATIVE ALS INCREASE CATS C AND D VISIBILITY TO 1 3/8 SM NOTES - FAAO 8260.3D CHAPTER 3 AND VISI CALCULATOR .
 13. REPLACED DUEL MINIMUMS WITH CHART NOTE: WHEN CONTROL TOWER CLOSED, USE ROLLA NATIONAL ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET. INCREASE S-33 CATS C/D VISIBILITY TO 1 1/4 SM. - ESTABLISH CONSISTENCY IN TBN APPROACH PROCEDURES.
 14. LOWERED DESCENT ANGLE FROM 3.21 TO 3.00. - MATCH VGSI
 15. REMOVED MAP VORTAC FROM FIX REBBS MAKEUP FACILITIES. - ATC REQUEST.
 16. ADDED CHART NOTE: CIRCLING NA W OF RWY 15-33. - ATC REQUEST.
 17. DELETED NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. - ANGLES ARE NOW COINCIDENT.
 18. ADDED DME OR RADAR REQUIRED AND RADAR REQUIRED FOR PROCEDURE ENTRY TO EQUIPMENT REQUIREMENT NOTES. - IMPENDING MAPLES VORTAC DECOMMISSIONING.
 19. ADDED CHART NOTE: RWY 33 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. - 34:1 PENETRATIONS.
 20. CHANGED VIA TO ON IN MISSED APPROACH INSTRUCTIONS. - VIA NO LONGER APPROVED FOR USE IN MISSED APPROACH INSTRUCTIONS.
 21. ADDED CHART VDP AT 1.15 DME AND DISTANCE VDP TO THLD 1.28 NM TO ADDITIONAL FLIGHT DATA. - NEW CRITERIA ALLOWS FOR VDP IF SAME DME SOURCE IS USED THROUGHOUT FINAL.
 22. CHANGED FAC 486 FT R OF RWY TO 408 FT R OF RWY. - NEW MEASUREMENT FROM DRWT.
 23. ADDED MAX HOLDING AT WYLLS 6000. - FAAO 8260.19H CRITERIA CHANGE.
 24. ADDED CHART IN PROFILE VIEW: I-TBN DME ANTENNA TO ADDITIONAL FLIGHT DATA. - FAAO 8260.19H PARAGRAPH 8-6-10S.



