

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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>	
GZS	VOR RWY 34	3A	PULASKI	TN	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
689	665	VOR/DME RWY 34	10/15/2015	2E	1965
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>	
RQZ			ROUTINE		

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>
RQZ VORTAC	IAF	ARDER/17.24 DME	NOPT				313.29	17.24	3000
ARDER/17.24 DME	IF/IAF	PASHN/24.00 DME					313.29 (RQZ R-313)	6.76	2500

MISSED APPROACH

MAP:

COLAP/29.00 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 3000 ON RQZ VORTAC R-313 TO ARDER/17.24 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT
- HOLD SE ARDER/17.24 DME, RT, 313.29 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC:** 313.29 **FAF:** PASHN/24.00 DME **DIST FAF TO MAP:** **DIST FAF TO THLD:** 5.46
- MIN ALT:** ARDER/17.24 DME 3000, PASHN/24.00 DME 2500
- MSA FROM:** RQZ VORTAC 3700 (30NM)

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: CIRCLING RWY 16 NA AT NIGHT.
CHART NOTE: RWY 34 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RQZ VORTAC ON V321 SOUTHBOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MDQ ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET AND INCREASE S-34 CATS A/B VISIBILITY 1/4 SM AND CATS C/D VISIBILITY 1/2 SM; INCREASE CIRCLING CAT B VISIBILITY 1/4 SM AND CAT C VISIBILITY 1/2 SM.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
FAS OBST: 1179 AAO 350342N/0865905W.
FAC CROSSES RWY C/L EXTENDED 3025 FT FROM THLD.
PASHN TO RW34: 3.11/40.

MINIMUMS:

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

ALTERNATE: NA ☒

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-34	1520	1	855	1520	1 1/4	855	1520	2 1/2	855	1520	2 1/2	855			
CIRCLING	1520	1 1/4	831	1520	1 1/4	831	1520	2 1/2	831	1640	3	951			

CHANGES - REASONS

1. REMOVED CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT ARDER ON V49 NORTHBOUND ADDED CHART NOTE PROCEDURE NA FOR ARRIVAL AT RQZ VORTAC ON V321 SOUTHBOUND - V49 CANCELLED.
2. REMOVED DME FROM PROCEDURE NAME - IAW 8260.19J 4-1-5 A 2.
3. TERMINAL ROUTES UPDATED FIX ARDER REMOVED RQZ FROM ID - IAW 8260.19J 8-2-6.C.
4. PROFILE LINE 2 ADDED MAX 6000 TO HOLDING. - IAW 8260.19J 8-6-7. B(2).
5. EQUIPMENT REQUIREMENTS NOTE ADDED DME REQUIRED - IAW 8260.19J 8-6-9 2(A).
- 6 UPDATED CHART NOTE FROM WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HUNTSVILLE EXECUTIVE AIRPORT/ TOM SHARP JR FIELD ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET AND INCREASE S-34 CATS A/B VISIBILITY 1/4 MILE AND CATS C/D VISIBILITY 1/2 MILE; INCREASE CIRCLING CAT B VISIBILITY 1/4 MILE AND CAT C VISIBILITY 1/2 MILE TO WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MDQ ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET AND INCREASE S-34 CATS A/B VISIBILITY 1/4 SM AND CATS C/D VISIBILITY 1/2 SM; INCREASE CIRCLING CAT B VISIBILITY 1/4 SM AND CAT C VISIBILITY 1/2 SM. - IAW 8260.19J 8-6-10 E(7).
7. CHART NOTE UPDATED FROM HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. TO RWY 34 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. IAW 8260.19J 8-6-12 K(2).

THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 04/02/2025.
MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMB TO 2000 ON THEN CLIMBING..." TO "CLIMB TO 2000 THEN CLIMBING..."



COORDINATED WITH:

A4A

☐

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER: ZME, AMGR

FLIGHT CHECKED BY
JEFFREY ALAN ECKMAN

Digitally signed by
ROBERT G HAMILTON
Apr 02, 2025

OFFICE
FIOG

DATE
07/21/2015

DEVELOPED BY
JOSHUA DUGAN

Digitally signed by
ROBERT G HAMILTON
Apr 02, 2025

OFFICE
AJV-A431

DATE
10/28/2024

APPROVED BY
ERIC N SUSKI

Digitally signed by
ROBERT G HAMILTON
Apr 02, 2025

OFFICE
AJV-A431

DATE

TITLE
MANAGER



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT ID</u> GZS	<u>PROCEDURE NAME</u> VOR RWY 34	<u>AMDT NO.</u> 3A	<u>CITY</u> PULASKI	<u>STATE</u> TN	<u>AIRPORT ELEVATION</u> 689	<u>FACILITY</u> RQZ
--------------------------	-------------------------------------	-----------------------	------------------------	--------------------	---------------------------------	------------------------

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM RQZ VORTAC

TO ARDER/17.24 DME

<u>RNP</u>	<u>DISTANCE</u> 17.24	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
1. TWR (01-000040)	344905.95N/0864417.22W	1946	20	3	1A	1000					3000
2. TERRAIN	344900.00N/0863700.00W	1539 (1500)								AS1500	3000

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM ARDER/17.24 DME (IF/IAF)

TO PASHN/24.00 DME

<u>RNP</u>	<u>DISTANCE</u> 6.76	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
3. TWR (47-002235)	350131.00N/0865236.00W	1247	20	3	1A	500					1800
4. TERRAIN	350339.00N/0865906.00W	1011 (1000)								AS1500	2500

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL

FROM

PASHN/24.00 DME

TO

COLAP/29.00 DME

RNP

DISTANCE

PAT

MAP

HAT

HMAS

5.46

COLAP/29.00 DME

855

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5. AAO	350341.79N/0865904.82W	1179	50	20	2C	250				XP80	1520

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

XP=MINIMUM RECEPTION ALTITUDE 1520 FOR FLT CK RESTRICTION DUE TO VOR RECEPTION.

HOLD-IN-LIEU OF PT

FROM

ARDER/17.24 DME

TO

P-5

RNP

DISTANCE

PAT

MAP

HAT

HMAS

P-5

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
3. TWR (47-002235)	350131.00N/0865236.00W	1247	20	3	1A	1000				AT753	3000
6. TERRAIN	350442.00N/0865415.00W	998 (1000)								AS1500	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSSED APPROACH

FROM

COLAP/29.00 DME

TO

ARDER/17.24 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 1270			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				3000
7. TWR (47-000671)	350718.40N/0871120.10W	1332	50	20	2C	1000					2400
8. TERRAIN	351127.00N/0870906.00W	1086 (1100)								AS1500	2600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
9. 100' TREE	350922.79N/0870458.73W	1.30	831	1119	50	20	2C	300		SI	1520
CATEGORY B											
10. TWR (47-021277)	350847.30N/0870533.37W	1.83	831	1174	50	20	2C	300		SI	1520
CATEGORY C											
10. TWR (47-021277)	350847.30N/0870533.37W	2.88	831	1174	50	20	2C	300		SI	1520
CATEGORY D											
11. TWR (47-000151)	351108.00N/0870022.00W	3.76	951	1283	250	50	4D	300		AC50	1640

CIRCLING REMARKS:

MSA

CENTER

RQZ VORTAC

RADIUS

30

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (01-000487)	344236.31N/0863205.29W	135	7.2	2673	20	3	1A	1000			3700

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZME ARTCC, JAN FSS

<u>WX SERVICE</u> AWOS-3	<u>LOCATION</u> GZS	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> GZS	<u>DISTANCE</u> 0	<u>WMSCR</u> N	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> AWOS-3PT	<u>LOCATION</u> MDQ	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> MDQ	<u>DISTANCE</u> 30.20	<u>WMSCR</u> Y	<u>ADJUSTMENTS</u> 81

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KGZS 688.8, KMDQ 763.5
RA = 80.15.

<u>PRIMARY NAVAID</u> RQZ VORTAC	<u>MONITOR POINT</u> AOCC	<u>HRS OPERATION</u> 24	<u>CAT</u> 1
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW16 - REIL (PCL), MIRL (PCL), PAPI-2L (PCL)		NPI-G	
RW34 - MIRL (PCL), REIL (PCL), PAPI-2L		NPI-G	

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 27.9
-------------------------	---------------------------	------------	------------------------	--------------------------	---------------------------	--------------------

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input type="checkbox"/>	3025 FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	300
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE		

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
---------------------	----------------------	------------	----------------

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 16		
20:1			
938 TREE (KGZST0577) 351013.16N/0870410.84W (43.14)		932 TREE (KGZST0569) 351012.50N/0870411.18W (39.47)	
930 TREE (KGZST0576) 351012.47N/0870412.31W (35.47)		981 TREE (KGZST0655) 351024.48N/0870413.21W (30.73)	
924 TREE (KGZST0583) 351017.15N/0870403.52W (25.01)		977 TREE (KGZST0661) 351025.55N/0870412.55W (23.16)	
981 TREE (KGZST0667) 351026.54N/0870412.73W (22.37)		926 TREE (KGZST0596) 351017.47N/0870405.35W (22.12)	
963 TREE (KGZST0647) 351022.93N/0870412.59W (20.87)		965 TREE (KGZST0651) 351023.10N/0870413.63W (20.14)	

QUALITY
34
CHECKED

<u>AIRPORT ID</u> GZS		<u>PROCEDURE NAME</u> VOR RWY 34	<u>AMDT NO.</u> 3A	<u>CITY</u> PULASKI	<u>STATE</u> TN	<u>AIRPORT ELEVATION</u> 689	<u>FACILITY</u> RQZ
922 TREE (KGZST0595) 351014.03N/0870413.38W (18.43)				912 TREE (KGZST0572) 351013.35N/0870409.71W (18.42)			
920 TREE (KGZST0589) 351017.32N/0870404.58W (18.24)				909 TREE (KGZST0566) 351013.03N/0870409.73W (16.82)			
959 TREE (KGZST0648) 351022.70N/0870413.23W (16.70)				918 TREE (KGZST0599) 351018.13N/0870404.48W (12.79)			
909 TREE (KGZST0582) 351015.40N/0870406.50W (12.26)				913 TREE (KGZST0594) 351014.20N/0870412.93W (9.51)			
899 TREE (KGZST0562) 351015.46N/0870403.46W (7.73)				900 TREE (KGZST0570) 351015.95N/0870403.00W (7.39)			
901 TREE (KGZST0579) 351014.20N/0870408.88W (5.16)				897 TREE (KGZST0568) 351014.85N/0870405.56W (4.51)			
1029 TREE (KGZST0776) 351039.33N/0870418.48W (1.96)				953 TREE (KGZST0656) 351025.86N/0870410.84W (1.00)			
893 TREE (KGZST0565) 351013.54N/0870408.47W (0.91)				905 TREE (KGZST0598) 351016.75N/0870407.34W (0.60)			
FINAL TYPE		S-34					
34:1							
924 TREE (KGZST3416) 350752.87N/0870146.96W (26.11)				943 TREE (KGZST1092) 350742.15N/0870147.40W (17.22)			
915 TREE (KGZST3417) 350752.46N/0870145.27W (14.14)				909 TREE (KGZST3420) 350753.54N/0870147.01W (12.94)			
705 POLE (47-021259) 350837.98N/0870304.70W (12.88)				694 POLE (47-021251) 350840.30N/0870307.59W (11.23)			
907 TREE (KGZST1034) 350752.78N/0870148.16W (10.20)				691 POLE (47-021252) 350841.30N/0870306.54W (9.71)			
694 TREE (KGZST0001) 350844.04N/0870257.27W (9.66)				906 TREE (KGZST3421) 350753.66N/0870146.11W (9.25)			
674 TREE (KGZST0020) 350848.69N/0870303.72W (9.14)				936 TREE (KGZST1096) 350741.84N/0870146.81W (8.74)			
904 TREE (KGZST1038) 350752.57N/0870148.55W (7.08)				930 TREE (KGZST1089) 350742.82N/0870147.43W (6.02)			
931 TREE (KGZST1091) 350743.30N/0870144.70W (5.26)				904 TREE (KGZST1041) 350751.86N/0870148.10W (4.70)			
667 TREE (KGZST0024) 350848.36N/0870306.09W (3.90)				692 CRANE (47-021274) 350838.62N/0870306.52W (3.59)			
931 TREE (KGZST1099) 350741.33N/0870146.99W (2.59)				688 CRANE (47-021273) 350839.58N/0870306.43W (2.04)			
688 TREE (KGZST0954) 350843.05N/0870257.77W (1.60)							
<u>PENETRATIONS REMARKS:</u>							

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:



PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - FIX ERROR EXCEEDS 1/2 NM.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

100 FT VEGETATION PER FPT CHECKLIST

FPT NOTIFIED OF 20:1 AND 34:1 PENETRATIONS.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	FACILITY	TO 1000FT POINT	25.67
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	4.57
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	315.29
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1000
DISTANCE FROM	FACILITY	TO 1500FT POINT	24.00
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	4.40
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	315.29
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1000

THRESHOLD COORDINATES (IF STR-IN)	350853.97N/0870312.51W
ARP COORDINATES	350914.70N/0870325.40W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 34 DISTANCE 0.41 NM
FAF COORDINATES	350453.36N/0865836.22W
FIX NAME COORDINATES	IAF RQZ VORTAC 344750.06N/0863801.85W

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.

THLD DISPLACED 300FT, ACTUAL COORDINATES: 350851.33N/0870310.87W

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
JOSHUA DUGAN	AJV-A431	10/28/2024	AERONAUTICAL INFORMATION SPECIALIST

