

**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> VJI	<u>PROCEDURE NAME</u> LOC RWY 24	<u>ORIGINAL/AMENDMENT</u> 6	<u>CITY</u> ABINGDON	<u>STATE</u> VA
<u>AIRPORT ELEVATION</u> 2087	<u>TDZE</u> 2087	<u>SUPERSEDED</u> LOC RWY 24	<u>ORIGINAL/AMENDMENT</u> 5A	<u>DATED</u> 01/08/2015
<u>FACILITY</u> I-VJI	<u>COORDINATES OF FACILITIES</u> 364046.97N/0820249.00W	<u>ACTUAL EFFECTIVE DATE</u> 31 OCTOBER 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 5W
				<u>EPOCH YEAR</u> 1995
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 24-22.

<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>
GZG VOR/DME		AKQON/I-VJI 6.56 DME	FAF/IAF				127.86 (GZG)	8.60	6500
AKQON/I-VJI 6.56 DME	FAF	BUNTE INT/I-VJI 3.48 DME					241.04 (I-VJI)	3.07	
BUNTE INT/I-VJI 3.48 DME		5.39 NM AFTER AKQON	MAP				241.04 (I-VJI)	2.32	
5.39 NM AFTER AKQON	MAP	3900 MSL		CA			241.04		3900
3900 MSL		AKQON		DF	FO	1.00			4800

MISSED APPROACH

MAP:

LOC: 5.39 NM AFTER AKQON

MISSED APPROACH INSTRUCTIONS:

(DO NOT EXCEED 210 KIAS UNTIL AKQON) CLIMB TO 3900 THEN CLIMBING LEFT TURN TO 4800 DIRECT AKQON AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT**
- HOLD NE AKQON, LT, 241.04 INBOUND, 4300 FT. IN LIEU OF PT (IAF), MAX 6500.**
- FAC:** 241.04 **FAF:** AKQON/I-VJI 6.56 DME **DIST FAF TO MAP:** 5.39 **DIST FAF TO THLD:** 5.39
- MIN ALT:** AKQON/I-VJI 6.56 DME 4000, BUNTE INT/I-VJI 3.48 DME 2940
- MSA FROM:** GZG VOR/DME 090-180 7000, 180-090 5900



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

EQUIPMENT REQUIREMENTS NOTES:

DME OR RADAR REQUIRED.

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART NOTE: RWY 24 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CHART NOTE: VDP NA WHEN USING TRI ALTIMETER SETTING.

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-LOC 24 CAT C AND D.

*3060 WHEN USING TRI ALTIMETER SETTING.

CHART NOTE: FOR INOPERATIVE ALS, INCREASE BUNTE FIX MINIMUMS S-LOC 24 CAT C AND D VISIBILITY TO 1 5/8 SM.

ADDITIONAL FLIGHT DATA:

VDA: 3.25/51

CHART FAS OBST: 2298 TREE (51-086193) 364214N/0820043W.

CHART 2387 ANTENNA (51-086867) 364247N/0815845W.

2687 AAO 364442N/0815700W.

CHART VDP AT 2.69 DME.

DISTANCE VDP TO THLD 1.53 NM.

CHART CIRCLING ICON.

MINIMUMS:**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ CAT A, B 900-2, CAT C 900-2 1/2, CAT D 1000-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
S-LOC 24*	2940	3/4	853	2940	1	853	2940	2 1/2	853	2940	2 1/2	853			
CIRCLING	2940	1 1/4	853	2940	1 1/4	853	2940	2 1/2	853	3080	3	993			
BUNTE FIX MINIMUMS															
S-LOC 24	2640	3/4	553	2640	3/4	553	2640	1 3/8	553	2640	1 3/8	553			
CIRCLING	2860	1	773	2860	1	773	2860	2 1/4	773	3080	3	993			



CHANGES - REASONS

1. FDC NOTAM 4/9852 AND P-NOTAM INCORPORATED INTO AMENDMENT 6.
2. TERMINAL ROUTES: UPDATED GZG VOR/DME TO AKQON COURSE/DISTANCE FROM "125.23/8.77" TO "127.86/6.19," AKQON TO BUNTE INT/I-VJI 3.31 DME DISTANCE FROM "2.94" TO "3.07" AND BUNTE INT/I-VJI 3.48 DME TO RW24 DISTANCE FROM "2.54" TO "2.32" – FAF AND SDF MOVED TO ALIGN WITH RUNWAY AND VGSI.
3. TERMINAL ROUTES: UPDATED FIX POINT FROM "BUNTE INT/I-VJI 3.31 DME" TO "BUNTE INT/I-VJI 3.48 DME" – FIX MOVED TO ALIGN WITH FAF AND VGSI.
4. TERMINAL ROUTES: UPDATED CA LEG ALTITUDE FROM "3200" TO "3900" – TO AVOID OBSTACLES AND MEET CLIMB REQUIREMENTS.
5. MAP: UPDATED FROM "5.82 MILES AFTER AKQON INT/I-VJI 6.61 DME OR AT I-VJI 0.79 DME FIX" TO "LOC: 5.39 NM AFTER AKQON" – MISSED APPROACH UPDATED TO RNAV SEGMENT.
6. MISSED APPROACH INSTRUCTIONS: UPDATED FROM "CLIMB TO 3200 THEN CLIMBING LEFT TURN TO 4300 DIRECT AKQON INT AND HOLD" TO "(DO NOT EXCEED 210 KIAS UNTIL AKQON) CLIMB TO 3900 THEN CLIMBING LEFT TURN TO 4800 DIRECT AKQON AND HOLD" – NEW SURVEY, UPDATED OBSTACLES REQUIRING INCREASED ALTITUDES.
7. PROFILE LINE 2: UPDATED HOLDING FROM "HOLD NE AKQON, LT, 241.03 INBOUND, 4300 FT. IN LIEU OF PT (IAF)" TO "HOLD NE AKQON, LT, 241.04 INBOUND, 4300 FT. IN LIEU OF PT (IAF), MAX 6500" – REALIGNED WITH FAF, ADDED MAX DUE TO TERRAIN.
8. PROFILE LINE 3: FAC CHANGED FROM "241.03" TO "241.04," UPDATED FAF FROM "AKQON INT/I-VJI 6.61 DME" TO "AKQON" AND DIST FAF TO MAP/DIST FAF TO THLD FROM "5.82" TO "5.39" - FAF AKQON UPDATED AND MOVED FOR ALIGNMENT PER FPT.
9. PBN REQUIREMENTS NOTE: UPDATED FROM "GPS REQUIRED" TO "RNP APCH – GPS" - IAW 8260.19I 8-6-8.
10. NOTES: UPDATED FROM CHART NOTE: "INOPERATIVE TABLE DOES NOT APPLY" AND "CAT D STRAIGHT-IN MINIMA NA WHEN USING TRI CITIES RGNL TN/VA ALTIMETER SETTING" TO "INOPERATIVE TABLE DOES NOT APPLY TO LOC CAT C AND D" AND "FOR INOPERATIVE ALS, INCREASE BUNTE FIX MINIMUMS S-LOC 24 CAT C AND D VISIBILITY TO 1 5/8 SM" – IAW 8260.19J 8-6-10.
11. NOTES: UPDATED CHART PROFILE NOTE FROM: "VGSI AND DESCENT ANGLES NOT COINCIDENT" TO "VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" – IAW 8260.19I 8-6-9.
12. NOTES: UPDATED NOTE FROM "HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" TO "RWY 24 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" – NEW SURVEY, IAW 8260.19I 8-6-11.
13. NOTES: REMOVED "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED; USE TRI-CITIES RGNL TN/VA ALTIMETER SETTING AND INCREASE ALL MDA 140 FEET; INCREASE S-24 CAT A AND B CIRCLING CAT B VISIBILITY 1/4 MILE, AND S-24 CATS C AND D AND CIRCLING CAT C VISIBILITY 1/2 MILE. INCREASE BUNTE FIX MINIMUMS S-24 CATS C AND D VISIBILITY 3/8 MILE, CIRCLING CATS A AND B VISIBILITY 1/4 MILE, CIRCLING CAT C VISIBILITY 1/2 MILE – UPDATED AND MOVED TO PART C: GENERAL REMARKS.
14. NOTES: ADDED "CHART NOTE: VDP NA WHEN USING TRI ALTIMETER SETTING" – IAW 8-6-9.
15. NOTES: UPDATED FROM "3080 WHEN USING TRI-CITIES RGNL TN/VA ALTIMETER SETTING" TO "3060 WHEN USING TRI ALTIMETER SETTING" – FAF AND SDF MOVED, NEW SURVEY, NEW CONTROLLING OBSTACLES.
16. NOTES: REMOVED "CHART PLANVIEW NOTE: LIMIT MISSED APPROACH TO 210 KIAS" – INCLUDED IN MISSED APPROACH INSTRUCTIONS, IAW 8260.19I 4-6-10.
17. ADDITIONAL FLIGHT DATA: CHART FAS OBST CHANGED FROM " 2256 TREE 364144N/0820121W" TO "CHART 2387 ANTENNA (51-086867) 364247N/0815845W" AND ADDED "2687 AAO 364442N/0815700W" - NEW OBSTACLE EVALUATION WITH UPDATED AIRPORT SURVEY, IAW 8260.19I 8-6-10.
18. ADDITIONAL FLIGHT DATA: UPDATED CHART VDP AT FROM "2.71" TO "2.69" AND DISTANCE VDP TO THLD FROM "1.55 NM" TO "1.53 NM" – UPDATED FAF LOCATION TO ALIGN VGSI.
19. MINIMUMS: UPDATED BUNTE FIX MINIMUMS FROM "2520/433" TO "2640/553" - NEW OBSTACLE EVALUATION WITH UPDATED SURVEY IDENTIFIED NEW FINAL CONTROLLING OBSTACLE.
20. MINIMUMS: S-LOC 24 CAT B VISIBILITY UPDATED FROM "1 1/4" TO "1," BUNTE FIX MINIMUMS S-LOC 24 CAT A/B FROM "1" TO "3/4" AND CAT C/D FROM "1 1/4" TO "1 3/8" – IAW 8260.3E TABLE 3-3-1.
21. MINIMUMS: BUNTE FIX MINIMUMS CIRCLING VISIBILITY CAT C FROM "2 1/2" TO "2 1/4" – IAW 8260.3E TABLE 3-3-1.

8/19/24: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 3/29/24.

1. CHANGED FEEDER SEGMENT GZG VOR/DME TO AKQON DISTANCE FROM "6.19" TO "8.60."

- 9/17/2024: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 8/22/2024.
1. TERMINAL ROUTES: UPDATED FEEDER FIX FROM "AKQON" TO "AKQON/I-VJI 6.56 DME."
2. TERMINAL ROUTES: UPDATED FINAL FIXES FROM "AKQON" AND "BUNTE/I-VJI 3.48 DME" TO "AKQON/I-VJI 6.56 DME" AND "BUNTE INT/I-VJI 3.48 DME."
3. TERMINAL ROUTES: UPDATED FINAL STEPDOWN FIX FROM "BUNTE/I-VJI 3.48 DME" TO "BUNTE INT/I-VJI 3.48 DME."
4. PROFILE LINE 3: UPDATED FAF FROM "AKQON" TO "AKQON/I-VJI 6.56 DME."
5. PROFILE LINE 4: UPDATED MIN ALT FROM "AKQON 4000, BUNTE/I-VJI 3.48 DME 2940*" TO "AKQON/I-VJI 6.56 DME 4000, BUNTE INT/I-VJI 3.48 DME 2940*."

COORDINATED WITH:

A4A

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ALPA

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AOPA

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APA

☐

HAI

☐

NBAA

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OTHER:

FLIGHT CHECKED BY
JEREMY RYAN VIRTS

Digitally signed by
ERIC N SUSKI
Aug 20, 2024

OFFICE
FIOG

DATE
08/14/2024

DEVELOPED BY
ERIC N SUSKI (JUDITH TUTTLE)

Digitally signed by
ERIC N SUSKI
Aug 20, 2024

OFFICE
AJV-A431

DATE
03/29/2024

APPROVED BY
ERIC N SUSKI

Digitally signed by
ERIC N SUSKI
Aug 20, 2024

OFFICE
AJV-A431

DATE

TITLE
MANAGER

