

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
LDA 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> ROA	<u>PROCEDURE NAME</u> LDA Y RWY 6	<u>ORIGINAL/AMENDMENT</u> 13	<u>CITY</u> ROANOKE	<u>STATE</u> VA
<u>AIRPORT ELEVATION</u> 1175	<u>TDZE</u> 1175	<u>SUPERSEDED</u> LDA Y RWY 6	<u>ORIGINAL/AMENDMENT</u> 12	<u>DATED</u> 08/20/2015
<u>FACILITY</u> I-SZK	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 SEPTEMBER 2024	<u>REQUIRED EFFECTIVE DATE</u> 09/05/2024	<u>MAG VAR</u> 8W
				<u>EPOCH YEAR</u> 2010
				<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>
EXUNE/15.39 DME/RADAR	IF/IAF	SAGEY/12.66 DME					072.25 (I-SZK)	2.73	4500
SAGEY/12.66 DME		RAMKE/9.94 DME/RADAR					072.25 (I-SZK)	2.72	4300

MISSED APPROACH

MAP:

LDA/GS: DA
LDA: 8.52 NM AFTER RAMKE/9.94 DME/RADAR OR AT JOKNI/1.42 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2200 THEN CLIMBING RIGHT TURN TO 5000 DIRECT VIT NDB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
- HOLD W EXUNE/15.39 DME/RADAR, RT, 072.25 INBOUND, 5300 FT. IN LIEU OF PT (IAF), MAX 5600.
- FAC: 072.25 FAF: RAMKE/9.94 DME/RADAR DIST FAF TO MAP: 8.52 DIST FAF TO THLD: 9.71
- MIN ALT: EXUNE/15.39 DME/RADAR 5300, SAGEY/12.66 DME 4500, RAMKE/9.94 DME/RADAR 4300, SKIRT OM/4.92 DME/RADAR 2680
- DIST TO THLD FROM OM: 4.68 MM: IM: 150 HAT: GS ANT: 921
- MIN GS INCPT: 4300 GS ALT AT PFAF: RAMKE/9.94 DME/RADAR 4300 OM: 2698 MM: IM:
- GS ANGLE: 3.00 34:1: 20:1: TCH: 54.9
- MSA FROM: TEC NDB 5600



EQUIPMENT REQUIREMENTS NOTES:

RADAR REQUIRED FOR PROCEDURE ENTRY.
ADF REQUIRED.
DME OR RADAR REQUIRED FOR LOC ONLY.

NOTES:

CHART PLANVIEW NOTE: LDA/GLIDE SLOPE
CHART PROFILE NOTE: VGSI AND LDA GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LDA 6 VISIBILITY CATS A/B TO 1 3/8 SM.

CHART NOTE: CIRCLING NA NW OF RWY 6-24.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-LDA 6 CATS C AND D.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-LDA/GS 6 ALL CATS.

ADDITIONAL FLIGHT DATA:

CHART PLANVIEW NOTE: LOC OFFSET 14.53 DEGREES.
CHART CIRCLING ICON.

HOLD SE, RT, 335.93 INBOUND.
CHART FAS OBST: 1469 TOWER (51-022587) 371815N/0800236W.
FAC CROSSES RWY C/L EXTENDED 3046 FT FROM THLD.

MINIMUMS:

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

ALTERNATE: NA ☐ LDA/GS: CAT A, B 800-2, CAT C 1300-3, CAT D 1700-3; LDA: STANDARD - CAT C 1300-3, CAT D 1700-3

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-LDA/GS 06	1857	2	682	1857	2	682	1857	2	682	1857	2	682			
S-LDA 06	1880	1	705	1880	1	705	1880	2	705	1880	2	705			
CIRCLING	1880	1 1/2	705	1880	1 1/2	705	2460	3	1285	2800	3	1625			



CHANGES - REASONS

1. WHOLE PROCEDURE: ADDED RADAR TO FIX DESCRIPTION IN TERMINAL ROUTES/PROFILE LINES 2,4. - FACILITATE PROCEDURE ENTRY.
2. WHOLE PROCEDURE: ADDED SAGEY FIX AS INTERMEDIATE SDF IN TERMINAL ROUTES/PROFILE LINE 4. - TO NEGATE HIGH TERRAIN.
3. WHOLE PROCEDURE: CHANGED RAMKE FIX DME VALUE FROM 9.95 TO 9.94 IN TERMINAL ROUTES/PROFILE LINES 3,4,6. - FAF MOVED FOR OPTIMAL DESIGN.
4. WHOLE PROCEDURE: REMOVED I-SZK FROM ALL FIX DESCRIPTIONS. - IAW 8260.19I.
5. TERMINAL ROUTES: REMOVED PSK VORTAC-EXUNE IAF AND ORD VOR FEEDER. - PSK VORTAC AND ODR VOR DECOM.
6. MAP: CHANGED LDA FROM "8.54 NM AFTER RAMKE/I-SZK 9.95 DME/RADAR OR AT JOKNI/I-SZK 1.42 DME" TO "8.52 NM AFTER RAMKE/I-SZK 9.94 DME/RADAR OR AT JOKNI/1.42 DME". - FAF MOVED FOR OPTIMAL DESIGN.
7. MA INSTRUCTIONS: CHANGED FROM "CLIMB TO 1800 THEN CLIMBING RIGHT TURN TO 5000 ON ODR VOR R-155 TO PARTE INT/LYH 28.6 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000" TO "CLIMB TO 2200 THEN CLIMBING RIGHT TURN TO 5000 DIRECT VIT NDB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000". - CHANGED DUE TO LYH VOR/DME AND ODR VOR DECOM.
8. ALT MA INSTRUCTIONS: REMOVED ALT MA INSTRUCTIONS. - MADE PRIOR ALT MA THE PRIMARY DUE TO LYH VOR/DME AND ODR VOR DECOM.
9. PROFILE LINE 3: CHANGED DIST FAF TO MAP FROM 8.54 TO 8.52. - FAF MOVED FOR OPTIMAL DESIGN.
10. PROFILE LINE 4: REMOVED "" FROM SKIRT OM DESCRIPTION. - IAW 8260.19I 8-6-7.
11. PROFILE LINE 6: CHANGED OM FROM 2671 TO 2698. - FACILITY HAD CHANGE IN AIRNAV DATA.
12. PROFILE LINE 8: CHANGED FROM ODR VOR 5700 TO TEC NDB 5600. - ODR VOR DECOM.
13. EQUIPMENT REQUIREMENTS NOTES: ADDED ADF REQUIRED, DME OR RADAR REQUIRED FOR LOC ONLY, AND RADAR REQUIRED FOR PROCEDURE ENTRY. - IAW 8260.19I 8-6-8.
14. NOTES: CHANGED FROM "FOR INOP MALSR, INCREASE S-LDA/GS 6 ALL CATS VISIBILITY TO 1 1/2" TO "FOR INOPERATIVE ALS, INCREASE S-LDA 6 VISIBILITY CATS A/B TO 1 3/8 SM" AND ADDED "INOP TABLE DOES NOT APPLY TO S-LDA/GS 6 ALL CATS". - IAW 8260.19I 8-6-9 AND IAW 8260.3E.
15. NOTES: REMOVED "PROCEDURE NA FOR ARRIVALS ON PSK VORTAC AIRWAY RADIALS 021 CW 100", "DME OR RADAR REQUIRED", AND *LOC ONLY. - REMOVED PSK VORTAC FOR DECOM, MOVED TO EQUIPMENT REQUIREMENTS NOTES, AND IAW 8260.19I 8-6-9.
16. ADDITIONAL FLIGHT DATA: ADDED (51-022587) TO FAS OBST, REMOVED "PSK 22.6 DME AT EXUNE", CHANGED NOTE FROM LOC/AZIMUTH OFFSET 14.53 DEGREES TO LOC OFFSET 14.53 DEGREES, AND CHANGED C/L EXTENDED VALUE FROM 3048 TO 3046. - IAW 8260.19I 8-610, PSK VORTAC DECOM, AND AIRNAV DATA CHANGE.
17. ALT MINS: CHANGED FROM "CAT A, B, 1600-2; CAT C, 1600-3; CAT D, 1700-3" TO "CAT A, B 800-2, CAT C 1300-3, CAT D 1700-3; LDA: STANDARD - CAT C 1300-3, CAT D 1700-3". - REMOVED DUAL MINS AND IAW 8260.3E.
18. MINS: REMOVED DUAL MINS. - DME IS REQUIRED FOR FINAL.
19. MINS: CHANGED S-LDA/GS 6 FROM 1615/440/1 1/8SM TO 1857/682/2SM. - NEW EVAL COMPLETED WITH NEW MA PENETRATIONS AND IAW 8260.3E.
20. MINS: CHANGED CIRCLING CAT A/B FROM 1720/545/1 3/8SM TO 1880/705/1 1/2SM. - RAISED TO REFLECT LDA MINS AND IAW 8260.3E.
21. PROFILE LINE 5: CHANGED DIST TO THLD FROM OM FROM 4.67 TO 4.68. - CHANGE IN AIRNAV DATA.

COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

X

HAI

NBAA

X

OTHER: ZDC, ROA APP CON, ROA ATCT, AMGR, ATA

FLIGHT CHECKED BY

PENDING

Digitally signed by

ERIC N SUSKI

Jun 10, 2024

OFFICE

DATE

DEVELOPED BY

ERIC N SUSKI (ANDRE TUCKER)

Digitally signed by

ERIC N SUSKI

Jun 10, 2024

OFFICE

AJV-A431

DATE

04/23/2024

APPROVED BY

ERIC N SUSKI

Digitally signed by

ERIC N SUSKI

Jun 10, 2024

OFFICE

AJV-A430

DATE

09/05/2024

TITLE

MANAGER

