

**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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
GJT	LDA RWY 29	1	GRAND JUNCTION	CO		
<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SUPERSEDED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>
4861	4861	LDA/DME RWY 29	ORIG-F	10/06/2022	9E	2025
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>			
I-ACD		16 MAY 2024	05/16/2024			

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>
SPADA/JNC 21.00 DME CCW	IAF	HRSON/I-ACD 12.09 DME/RADAR					21.00 DME ARC	(JNC LR-098)	8500
HRSON/I-ACD 12.09 DME/RADAR	IF	IJUJO/I-ACD 9.20 DME/RADAR					316.20	2.89 (I-ACD)	7800
IJUJO/I-ACD 9.20 DME/RADAR		ALVOJ/I-ACD 5.88 DME/RADAR					316.20	3.31 (I-ACD)	6800

MISSED APPROACH

MAP:

OQYOF/I-ACD 0.54 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 7500 ON HEADING 300 THEN CLIMBING LEFT TURN DIRECT JNC VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 11000.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT HRSON/I-ACD 12.09 DME/RADAR
3. **FAC:** 316.20
FAF: ALVOJ/I-ACD 5.88 DME/RADAR **DIST FAF TO MAP:** **DIST FAF TO THLD:** 5.93
4. **MIN ALT:** HRSON/I-ACD 12.09 DME/RADAR 8500, IUJO/I-ACD 9.20 DME/RADAR 7800, ALVOJ/I-ACD 5.88 DME/RADAR 6800
8. **MSA FROM:** JNC VOR/DME 060-220 11400, 220-060 10100

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED

NOTES:

CHART NOTE: CIRCLING NA FOR CAT D N OF RWY 11-29.
CHART PROFILE NOTE: USE I-ACD DME WHEN ON THE LOCALIZER COURSE.
CHART NOTE: AUTOPILOT COUPLED APPROACH NOT AUTHORIZED INSIDE 2.0 DME.



ADDITIONAL FLIGHT DATA:

ALVOJ TO OQYOF: 3.00/51
HOLD SW, LT, 052.32 INBOUND.
FAS OBST: 5004 AAO 390251N/1082633W.
5243 AAO 390218N/1082518W.
CHART VDP AT 1.50 DME.
DISTANCE VDP TO THLD 1.53 NM.
CHART JNC R-113 AT SPADA.
FAC CROSSES RWY C/L EXTENDED 1646 FT FROM THLD.
CHART PLANVIEW NOTE: LOC OFFSET 20.01 DEGREES.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C, D 1000-3; NA WHEN CONTROL TOWER CLOSED.

CATEGORY:

FINAL TYPE	DA/MDA	A VIS	HAT/HAA	DA/MDA	B VIS	HAT/HAA	DA/MDA	C VIS	HAT/HAA	DA/MDA	D VIS	HAT/HAA	DA/MDA	E VIS	HAT/HAA
S-29	5400	1	539	5400	1	539	5400	1 1/2	539	5400	1 1/2	539			
CIRCLING	5400	1	539	5520	1	659	5840	3	979	5840	3	979			



CHANGES - REASONS:

1. MAGVAR CHANGED FROM 13E TO 9E - MAGVAR UPDATE.
2. CHANGED PROCEDURE NAME FROM LDA/DME RWY 29 TO LDA RWY 29 - IAW 8260.3E 1-6-2.
3. TERMINAL ROUTES: SPADA TO HRSON DISTANCE CHANGED FROM "(JNC VOR/DME LR-098)" TO "(JNC LR-098)" – IAW 8260.19I PARA 8-6-4B.
4. TERMINAL ROUTES: "HRSON TO I-ACD 9.20 DME" CHANGED TO "HRSON/I-ACD 12.09 DME/RADAR TO IJUJO/I-ACD 9.20 DME/RADAR" – STEP DOWN FIX HAS BEEN NAMED.
5. TERMINAL ROUTES: HRSON TO IJUJO CHANGED COURSE FROM "312.20" TO "316.20" – MAGVAR CHANGE.
6. TERMINAL ROUTES: HRSON TO IJUJO CHANGED ALTITUDE FROM "7700" TO "7800" – PRECIPITOUS TERRAIN WAS APPLIED TO SEGMENT.
7. TERMINAL ROUTES: "I-ACD 9.20 DME TO ALVOJ/I-ACD 5.88 DME/RADAR" CHANGED TO "IJUJO/I-ACD 9.20 DME/RADAR TO ALVOJ/I-ACD 5.88 DME/RADAR" – STEP DOWN FIX HAS BEEN NAMED.
8. TERMINAL ROUTES: IJUJO TO ALVOJ CHANGED FIX FROM "ALVOJ/I-ACD 5.94 DME/RADAR" TO "ALVOJ/I-ACD 5.88 DME/RADAR" – FIX ALVOJ MOVED.
9. TERMINAL ROUTES: IJUJO TO ALVOJ CHANGED COURSE FROM "312.20" TO "316.20" – MAGVAR CHANGED.
10. TERMINAL ROUTES: IJUJO TO ALVOJ CHANGED DISTANCE FROM "3.26" TO "3.31" – FIX ALVOJ MOVED.
11. MISSED APPROACH: MAP CHANGED FROM "I-ACD 0.54 DME" TO "OQYOF/I-ACD 0.54 DME" – MAP NAMED IAW 8260.19I 2-10-4(A)3(B).
12. MISSED APPROACH INSTRUCTIONS CHANGED FROM "CLIMB TO 7000 VIA HEADING 300 THEN CLIMBING LEFT TURN TO 10000 DIRECT JNC VORTAC AND HOLD" TO "CLIMB TO 7500 ON HEADING 300 THEN CLIMBING LEFT TURN DIRECT JNC VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 11000" – NEW TERRAIN EVALUATION CONDUCTED AND VERBIAGE COMPLIANCE WITH 9260.19I.
13. PROFILE LINE 2: CHANGED FROM "PROFILE STARTS AT HANSU WP" TO "PROFILE STARTS AT HRSON/I-ACD 12.09 DME/RADAR" - 8260.19I 8-6-7(B).
14. PROFILE LINE 3: FAC CHANGED FROM "312.20" TO "316.20" – MAGVAR CHANGED.
15. PROFILE LINE 3: FAF CHANGED FROM "ALVOJ/I-ACD 5.94 DME/RADAR" TO "ALVOJ/I-ACD 5.88 DME/RADAR" – FIX ALVOJ MOVED.
16. PROFILE LINE 3: DIST FAF TO THLD CHANGED FROM "5.97" TO "5.93" – FIX ALVOJ MOVED AND MAP LOCATION RECALCULATED.
17. PROFILE LINE 4: CHANGED FROM "HRSON/I-ACD 12.09 DME/RADAR 8500, I-ACD 9.20 DME 7700, ALVOJ/I-ACD 5.94 DME/RADAR 6800" TO "HRSON/I-ACD 12.09 DME/RADAR 8500, IJUJO/I-ACD 9.20 DME 7800, ALVOJ/I-ACD 5.88 DME/RADAR 6800" – NEW EVALUATION COMPLETED AND FIX ALVOJ MOVED.
18. PROFILE LINE 8: CHANGED FROM "JNC VOR/DME 060-220 11700, 220-060 10200" TO "JNC VOR/DME 060-220 11400, 220-060 10100" – NEW OBSTACLE EVALUATION COMPLETED.
19. NOTES: MOVED "CHART PLANVIEW NOTE: LOC OFFSET 20.01 DEGREES" TO ADDITIONAL FLIGHT DATA – IAW 8260.19I PARA 8-6-10 G(1).
20. ADDITIONAL FLIGHT DATA: REMOVED "CHART FAS OBST: 5147 TREE 390214N/1082517W" RELACED WITH "FAS OBST: 5004 AAO 390251N/1082633W" – FAS OBSTACLE CHANGES TO AAO AFTER NEW EVALUATION.
21. ADDITIONAL FLIGHT DATA: ADDED "5243 AAO 390218N/1082518W" – IAW 8260.19I PARA 8-6-10E.(1)
22. ADDITIONAL FLIGHT DATA: CHANGED "FAC CROSSES RWY C/L EXTENDED 1648 FT FROM THLD" TO "FAC CROSSES RWY C/L EXTENDED 1646 FT FROM THLD" – NEW EVALUATION COMPLETED.
23. ADDITIONAL FLIGHT DATA: CHANGED "ALVOJ TO RW29: 3.82/50" TO "ALVOJ TO OQYOF: 3.00/51" – IAW 8260.19I PARA 8-6-10 O(1).
24. ADDITIONAL FLIGHT DATA: ADDED "CHART VDP AT 1.50 DME, DISTANCE VDP TO THLD 1.53 NM" – IAW 8260.19I PARA 8-6-10 M.
25. EQUIPMENT REQUIREMENT NOTES: ADDED "DME REQUIRED" - 8260.19I 8-6-8 A(2)(A).
26. MINIMUMS: ALTERNATE CHANGED FROM "STANDARD EXCEPT CAT C 800-2 1/4, D 800-2 1/2; NA WHEN CONTROL TOWER CLOSED; NA WHEN LOCAL WEATHER NOT AVAILABLE" TO "STANDARD - CAT C, D 1000-3, NA WHEN CONTROL TOWER CLOSED" - NEW EVALUATION CONDUCTED, ALTERNATE WEATHER AVAILABLE FROM TOWER.
27. MINIMUMS: S-29 CAT D VIS CHANGED FROM "1 3/4" TO "1 1/2" – IAW 8260.3E TABLE 3-3-1.
28. MINIMUMS: CIRCLING CAT C MDA/HAA CHANGED FROM "5620/759" TO "5840/979" – NEW CONTROLLING OBSTACLE IDENTIFIED.
29. MINIMUMS: CIRCLING MDA CAT C VISIBILITY CHANGED FROM "2 1/4" TO "3" - IAW 8260.3E TABLE 3-3-7.
30. MINIMUMS: CIRCLING CAT D MDA/HAA CHANGED FROM "5620/759" TO "5840/979" – RAISED TO MATCH CAT C HAA.
31. MINIMUMS: CIRCLING MDA CAT D VISIBILITY CHANGED FROM "2 1/2" TO "3" - IAW 8260.3E TABLE 3-3-7.



COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZDV, DEN ATCT, GJT APP CON, CO AERO, AMGR

FLIGHT CHECKED BY

PENDING

DEVELOPED BY

ROBERT G HAMILTON (DANIEL R. JOHNSON)

APPROVED BY

ROBERT G HAMILTON

OFFICE

OFFICE

AJV-A433

OFFICE

AJV-A433

DATE

DATE

05/16/2024

DATE

Digitally signed by
ROBERT G HAMILTON
Mar 14, 2024

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ROBERT G HAMILTON
Mar 14, 2024

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ROBERT G HAMILTON
Mar 14, 2024

TITLE

MANAGER

