

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD TERMINAL ARRIVAL (STAR)

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
EELZA (RNAV)	FOUR	KLUBS.EELZA4	THREE	11/03/2022	25JAN2024

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
HARTT	HARTT.EELZA4	HARTT	HARTT						
			JAGOM	153.18	25.65	10700	10700		
			KLUBS	153.26	09.99	10700	10700		

ARRIVAL ROUTE DESCRIPTION:

FROM KLUBS ON TRACK 153.30/13.28 TO EELZA, THEN ON TRACK 138.96/8.67 TO CROSS BEETH AT OR ABOVE 16000, THEN ON TRACK 165.57/13.54 TO CROSS HIWAA AT OR ABOVE 12000, THEN ON TRACK 162.55/5.49 TO CROSS BACRT AT OR ABOVE 11000, THEN ON TRACK 162.56/4.05 TO CROSS FMG VORTAC AT 10000, THEN ON HEADING 167.15. EXPECT ASSIGNED INSTRUMENT APPROACH FOR RWY 35L/R OR RADAR VECTORS TO FINAL APPROACH COURSE.

PBN REQUIREMENT NOTES:

RNAV 1 - GPS

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED

PROCEDURAL DATA NOTES:

NOTE: GPS REQUIRED.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT EELZA: HOLD NW, RT, 153.30 INBOUND, 10 NM LEGS.

COMMUNICATIONS:

CHART: RENO TOWER

CHART: NORCAL APP CON

AIRPORTS SERVED:

AIRPORT ID	CITY	STATE
KRNO	RENO	NV

LOST COMMUNICATIONS PREFERENCES:

REMARKS:

THIS STAR DOES NOT SERVE THE ILS 35L.

DO NOT CHART MOCA VALUE AT JAGOM/KLUBS.

HOLDING IS FOR ZOA AIRSPACE ONLY AND NOT TO BE LOWER THAN FL200.



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ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: UNSAT.
MAG VAR: KRNO 13E/2020.
CHART: INTENSE GLIDER ACTIVITY TO FL180.
CHART AT FMG VORTAC TERMINUS: KRNO LDG RWY 35L/R.

FLIGHT INSPECTED BY:

THOMAS E MOLOKIE

ORGANIZATION:

FPO

DATE:

11/21/2023

Flight Inspected Signature:

*Digitally signed by***ROBERT G HAMILTON**

Nov 28, 2023

DEVELOPED BY:

Michael A Galvan

Oakland ARTCC

05/15/2023

Developed By Signature:

*Digitally signed by***CASIMIR L TABAKA**

Sep 12, 2023

APPROVED BY:

JOHNNIE BAKER

AJV-A430

Approved By Signature:

*Digitally signed by***CASIMIR L TABAKA**

Sep 12, 2023

CHANGES:

1. STAR COMPUTER CODE CHANGED FROM HARTT.EELZA3 TO KLUBS.EELZA4.
2. ADDED KLUBS WAYPOINT.
3. CHANGED COMMON ROUTE FROM HARTT-JAGOM-KLUBS-EELZA-BEETH TO KLUBS-EELZA-BEETH.
4. ADDED ENROUTE TRANSITION HARTT-JAGOM-KLUBS.
5. ADDED HOLDING AT EELZA NW, RT, 153.30 INBOUND, 10 NM LEGS.
6. ADDED PROCEDURAL DATA NOTE GPS REQUIRED.
7. ADDED REMARK HOLDING IS FOR ZOA AIRSPACE ONLY AND NOT TO BE LOWER THAN FL200.

THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 8/29/2023.

1. PER FLIGHT INSPECTION: INCREASE MOCA BETWEEN JAGOM-KLUBS FROM 8500 TO 10700.

REASONS:

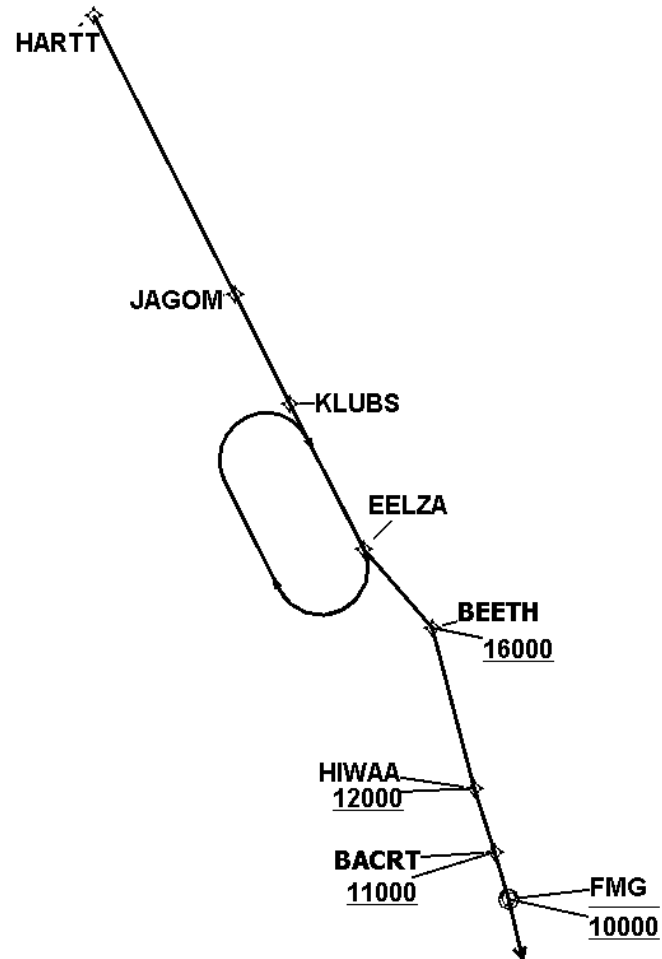
- 1,3-4. ATC REQUEST FOR CPDLC OPTIMIZATION.
- 2,5. ATC REQUEST.
6. REQUIRED FOR UNSAT DME/DME ASSESSMENT.
7. ATC REQUEST.



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Graphic Depiction 1					



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)**

Arrival Name EELZA (RNAV)		Number FOUR		STAR Computer Code KLUBS.EELZA4		Superseded Number THREE		Dated 11/03/2022	Effective Date 25JAN2024
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
HARTT	405009.12N / 1200116.49W	Y		IF					HARTT.EELZA4
JAGOM	402513.37N / 1195315.00W	Y	FB	TF	166.18	25.65			
KLUBS	401530.44N / 1195009.01W	Y	FB	TF	166.26	09.99			
Common Route									
KLUBS	401530.44N / 1195009.01W	Y		IF					KLUBS.EELZA4
EELZA	400235.96N / 1194603.32W	Y	FB	TF	166.30	13.28			
BEETH	395456.22N / 1194045.47W	Y	FB	TF	151.96	08.67	AT/ABOVE 16000		
HIWAA	394123.69N / 1194019.28W	Y	FB	TF	178.57	13.54	AT/ABOVE 12000		
BACRT	393555.02N / 1193946.20W	Y	FB	TF	175.55	05.49	AT/ABOVE 11000		
FMG VORTAC	393152.60N / 1193921.87W	Y	FO	TF	175.56	04.05	AT 10000		
KRNO				VM	180.15				

QUALITY
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CHECKED