

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
LOC BC 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.

AIRPORT WATERLOO RGNL	AIRPORT ID KALO	PROCEDURE NAME LOC BC RWY 30	ORIGINAL/AMENDMENT 12	CITY WATERLOO	STATE IA
AIRPORT ELEVATION 873	TDZE 868	SUPERSEDED LOC BC RWY 30	ORIGINAL/AMENDMENT 11B	DATED 07/21/2016	MAG VAR 0E
FACILITY I-ALO	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 13 SEPTEMBER 2018	REQUIRED EFFECTIVE DATE ROUTINE	CANCEL/SUSPEND	EPOCH YEAR 2020

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ALO VOR/DME		KUCTE/I-ALO 11.07 DME/RADAR					127.31	11.98	3400
CID VOR/DME	IAF	KUCTE/I-ALO 11.07 DME/RADAR	NOPT				326.69	37.36	3400
KUCTE/I-ALO 11.07 DME/RADAR	IF/IAF	IVOCE/I-ALO 4.63 DME/RADAR					307.80	6.44 (I-ALO)	2500

MISSED APPROACH

MAP:

LOC: 4.13 NM AFTER IVOCE/I-ALO 4.63 DME/RADAR OR AT WOLOP/0.50 DME FIX

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3500 ON ALO VOR/DME R-308 TO SEATS INT/ALO 13.32 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
2. HOLD SE KUCTE, RT, 307.80 INBOUND, 3400 FT. IN LIEU OF PT (IAF), MAX 5000.
3. **FAC:** 307.80 **FAF:** IVOCE/I-ALO 4.63 DME/RADAR **DIST FAF TO MAP:** 4.13 **DIST FAF TO THLD:** 4.96
4. **MIN ALT:** KUCTE/I-ALO 11.07 DME/RADAR 3400, IVOCE/I-ALO 4.63 DME/RADAR 2500, JEGIM/I-ALO 1.57 DME 1520
8. **MSA FROM:** ALO VOR/DME 360-090 3200, 090-180 4000, 180-360 2600

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART PROFILE NOTE: DISREGARD GS INDICATIONS.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON ALO VOR/DME AIRWAY RADIALS 090 CW 140.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CID VOR/DME AIRWAY RADIALS 321 CW 338.
CHART PROFILE NOTE: USE I-ALO DME WHEN ON THE LOCALIZER COURSE.



