FEDERAL AVIATION ADMINISTRATION

FLIGHT STANDARDS SERVICE VOR STANDARD INSTRUMENT APPROACH PROCEDURE

TITLE 14 CFR PART 97.23

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 AIRPORT ID **PROCEDURE NAME ORIGINAL/AMENDMENT** STATE CITY WATERLOO RGNL **KALO** VOR RWY 18 10 WATERLOO IΑ **TDZE** AIRPORT ELEVATION **SUPERSEDED** ORIGINAL/AMENDMENT DATED MAG VAR **EPOCH YEAR**

873 871 VOR RWY 18 09/13/2018 0E 2020

FACILITY COORDINATES OF FACILITIES ACTUAL EFFECTIVE DATE REQUIRED EFFECTIVE DATE CANCEL/SUSPEND ROUTINE

ALO 10 OCTOBER 2019

TERMINAL ROUTES

FROM	FIX TYPE	<u>TO</u>	FIX TYPE	LEG TYPE	FO/FB	RNP	<u>COURSE</u>	DISTANCE	ALTITUDE

MISSED APPROACH

MAP:

ALO VOR/DME

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 2800 ON ALO VOR/DME R-215 TO NEVIS INT AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

SIDE OF COURSE 356.00 **OUTBOUND** 2600 1. PT L FT WITHIN 10 MILES OF ALO VOR/DME (IAF)

3. FAC: 176.00 FAF: **DIST FAF TO MAP:** DIST FAF TO THLD:

4. MIN ALT:

8. MSA FROM: ALO VOR/DME 090-180 4000, 180-360 2700, 360-090 3200

EQUIPMENT REQUIREMENTS NOTES:

NOTES:

CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.



AIRPORTAIRPORT IDPROCEDURE NAMEORIGINAL/AMENDMENTCITYSTATEWATERLOO RGNLKALOVOR RWY 1810WATERLOOIA

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 2.71 DME
DISTANCE VDP TO THLD 2.14 NM
CHART FAS OBST: 1288 TOWER 424255N/0922604W.
FAC CROSSES RWY C/L EXTENDED 2175 FT FROM THLD.
HOLD SW, RT, 034.60 INBOUND

MINIMUMS:

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

ALTERNATE: NA

STANDARD - CAT D 800-2 1/4 NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A		В			С			D			Е			
FINAL TYPE	DA/MDA	<u>VIS</u>	HAT/HAA												
S-18	1600	1	729	1600	1	729	1600	2	729	1600	2	729			
CIRCLING	1600	1	727	1600	1	727	1600	2	727	1600	2 1/4	727			

CHANGES - REASONS

- 1. CHANGED PT INBOUND/OUTBOUND COURSES FROM "177.51/357.51" TO "176.00/356.00"- COURSE CHANGE DUE TO UNUSABLE NAVAID RADIAL.
- 2. CHANGED FINAL COURSE FROM 177.51 TO 176.00 COURSE CHANGE DUE TO UNUSABLE NAVAID RADIAL.
- 3. CHANGED FAC CROSSING RWY EXTENDED C/L DISTANCE FROM 3000 FT TO 2175 FT-COURSE CHANGE DUE TO UNUSABLE NAVAID RADIAL.
- 4. REMOVED STEPDOWN FIX AND ASSOCIATED MINUMUMS PER FPT
- 5. CHANGED CHART VDP FROM "1.90 DME/VDP TO THRE 1.34 NM" TO "2.71 DME/VDP TO THRE 2.14 NM" REMOVED STEPDOWN FIX DUE TO COURSE CHANGE DUE TO UNUSABLE NAVAID RADIAL.
- 6. REMOVED VDA FINAL IS NOW A NO-FAF WITHOUT A STEPDOWN FIX.

COORDINATED WITH:

A4A X ALPA X AOPA X APA X HAI NBAA X OTHER: ZAU, WATERLOO ATCT, AMGR, ALO APP CON

FLIGHT CHECKED BY

Digitally signed by

DONALD H LANIER

DATE 6/5/19

SHAWN D MAXWELL

Jun 11, 2019

OFFICE DATI

DEVELOPED BY

Digitally signed by **DONALD H LANIER**

<u>DATE</u> 04/16/2019

WARDELL HENNING (JANTZEN TAYLOR)

SIVALD II LANLI

APPROVED BY

Jun 11, 2019

OFFICE AJV-A430

AJV-A432

OFFICE

FICO

DATE

TITLE MANAGER

LONNIE EVERHART

Digitally signed by

DONALD H LANIER

Jun 11, 2019

41 Checker