

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
ILS STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.29**

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> KBUF	<u>PROCEDURE NAME</u> ILS OR LOC RWY 5	<u>ORIGINAL/AMENDMENT</u> 18	<u>CITY</u> BUFFALO	<u>STATE</u> NY		
<u>AIRPORT ELEVATION</u> 727	<u>TDZE</u> 708	<u>SUPERSEDED</u> ILS OR LOC RWY 5	<u>ORIGINAL/AMENDMENT</u> 17B	<u>DATED</u> 10/10/2019	<u>MAG VAR</u> 11W	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> I-GBI	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 2 DECEMBER 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
ZOB SO INT/RADAR	IF	PLAZZ LOM					054.94	10.80 (I-GBI)	2300

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: 4.86 NM AFTER PLAZZ LOM

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3000 DIRECT TRAVA AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT ZOB SO					
3. FAC: 054.94	FAF: PLAZZ LOM		DIST FAF TO MAP: 4.86		DIST FAF TO THLD: 4.86
4. MIN ALT: ZOB SO INT/RADAR 4000, PLAZZ LOM 2300					
5. DIST TO THLD FROM OM: 4.86	MM:	IM:	150 HAT:	GS ANT: 728	
6. MIN GS INCPT: 2300	GS ALT AT FAF :		OM: 2272	MM:	IM:
7. GP ANGLE: 3.00	34:1:	20:1:	TCH: 45.6		
8. MSA FROM: GB LOM 090-180 3900, 180-270 3300, 270-090 2800					

**EQUIPMENT REQUIREMENTS NOTES:**

RADAR REQUIRED FOR PROCEDURE ENTRY.  
RNP APCH - GPS.  
ADF REQUIRED FOR LOC ONLY.



NOTES:

CHART NOTE: AUTOPILOT COUPLED APPROACH NA.  
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 5 CATS C AND D VISIBILITY TO RVR 5500.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 235.07 INBOUND.  
FAS OBST: 810 AAO 425338N/0784750W.  
CHART CYA513.  
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD

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-ILS 5	908	1800	200	908	1800	200	908	1800	200	908	1800	200			
S-LOC 5	1060	2400	352	1060	2400	352	1060	3000	352	1060	3000	352			
CIRCLING	1200	1	473	1200	1	473	1220	1 1/2	493	1340	2	613			

CHANGES - REASONS

1. MISSED APPROACH INSTRUCTIONS CHANGED FROM "CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 245 AND BUF VOR/DME R-267 TO DAVVK INT/BUF 23.09 DME AND HOLD" TO "CLIMB TO 3000 DIRECT TRAVA AND HOLD" - BUF VOR/DME BEING DECOMMISSIONED.
2. ADDED "RNP APCH - GPS" TO EQUIPEMENT REQUIREMENTS NOTES - NEW MISSED APPROACH REQUIRES GPS, 8260.19I 8-6-8.C(2)(A).
3. REMOVED ALTERNATE MISSED APPROACH INSTRUCTIONS AND ASSOCIATED INFO FROM ADDITIONAL FLIGHT DATA - PRIMARY MISSED APPROACH CHANGED TO RNAV.
4. ADDED "PROFILE STARTS AT ZOB SO" TO LINE 2 - 8260.19I 8-6-7.B(3).
5. DIST TO THLD FROM OM CHANGED FROM 4.85 TO 4.86 IN LINE 5 - TARGETS CALCULATION.
6. GS ALT AT FAF CHANGED FROM 2294 TO 2272 IN LINE 6 - TARGETS CALCULATION.
7. CHANGED "FAS OBST: 819 AAO 425332N/0784743W" TO "FAS OBST: 810 AAO 425338N/0784750W" IN ADDITIONAL FLIGHT DATA - NEW OBSTACLE EVALUTION.
8. S-LOC 5 MDA/HAT CHANGED FROM 1100/392 TO 1060/352 - NEW OBSTACLE EVALUATION.
9. S-LOC 5 VISIBILITY CATS C AND D VISIBILITY CHANGED FROM 4000 RVR TO 3000 RVR - LOWERED MDA/HAT, 8260.3D TABLE 3-3-1.
10. ADDED "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 5 CATS C AND D VISIBILITY TO RVR 5500" - LOWERED S-LOC 5 CAT C/D VISIBILITY.
11. CHANGED "HOLD W, RT, 087.00 INBOUND" TO "HOLD NE, RT, 235.07 INBOUND" IN ADDITIONAL FLIGHT DATA - MISSED APPROACH INSTRUCTIONS CHANGED, BUF VOR/DME BEING DECOMMISSIONED.

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZOB, BUF APP CON, AMGR, NY DOT, ATA

FLIGHT CHECKED BY

JORGE A MALCUN

Digitally signed by

MARK D ADAMS

Sep 20, 2021

OFFICE

FPO

DATE

09/16/2021

DEVELOPED BY

ANTHONY CAPPABIANCO

Digitally signed by

ANTHONY J CAPPABIANCO

Aug 04, 2021

OFFICE

AJV-A411

DATE

06/21/2021

APPROVED BY

JULIE MORGAN

Digitally signed by

MARK D ADAMS

Sep 20, 2021

OFFICE

AJV-A410

DATE

TITLE  
MANAGER



**AIRPORT ID**  
KBUF

**PROCEDURE NAME**  
ILS OR LOC RWY 5

**ORIGINAL/AMENDMENT**  
18

**CITY**  
BUFFALO

**STATE**  
NY

