

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</u> BOLTON FIELD	<u>AIRPORT ID</u> KTZR	<u>PROCEDURE NAME</u> ILS OR LOC RWY 4	<u>ORIGINAL/AMENDMENT</u> 5B	<u>CITY</u> COLUMBUS	<u>STATE</u> OH	
<u>AIRPORT ELEVATION</u> 904	<u>TDZE</u> 904	<u>SUPERSEDED</u> ILS OR LOC RWY 4	<u>ORIGINAL/AMENDMENT</u> 5A	<u>DATED</u> 09/13/2018	<u>MAG VAR</u> 5W	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> I-BUZ	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 DECEMBER 2019	<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>

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.38 NM AFTER BOUTN LOM

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1400 THEN CLIMBING RIGHT TURN TO 2700 DIRECT BU LOM AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 4000 DIRECT CSS NDB AND HOLD.

PROFILE:

1. PT R SIDE OF COURSE 217.16 OUTBOUND 2700 FT WITHIN 10 MILES OF BOUTN LOM (IAF)
2.
3. FAC: 037.16 FAF: BOUTN LOM DIST FAF TO MAP: 5.38 DIST FAF TO THLD: 5.38
4. MIN ALT: BOUTN LOM 2700
5. DIST TO THLD FROM OM: 5.38 MM: IM: 150 HAT: GS ANT: 750
6. MIN GS INCPT: 2700 GS ALT AT FAF : OM: 2682 MM: IM:
7. GP ANGLE: 3.00 34:1: 20:1: TCH: 40.5
8. MSA FROM: BU LOM 3100

EQUIPMENT REQUIREMENTS NOTES:

ADF REQUIRED.
RADAR REQUIRED FOR PROCEDURE ENTRY

NOTES:

CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 1144.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).



ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART IN PLANVIEW: CSS NDB
FAS OBST: 1109 AAO 395014N/0831121W.
1159 AAO 394941N/0831258W.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE CSS NDB, LT, 222.80 INBOUND.
HOLD SW, LT, 037.17 INBOUND

MINIMUMS:

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

ALTERNATE: NA

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ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.

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 04	1104	1/2	200	1104	1/2	200	1104	1/2	200	1104	1/2	200			
S-LOC 04	1360	1/2	456	1360	1/2	456	1360	7/8	456	1360	1	456			
CIRCLING	1360	1	456	1380	1	476	1380	1 1/2	476	1500	2	596			

CHANGES - REASONS

1. CHART NOTE: ADDED "AUTOPILOT COUPLED APPROACH NA BELOW 1144 FEET" - FLIGHT CHECK RESULT 2/21/9, REASON: COURSE REVERSAL
2. REMOVED ADDITIONAL FLIGHT DATA CHART NOTE FOR FIX (CFDTP). NO LONGER REQUIRED
3. INCREASED S-LOC 04 HAT/MDA FOR ALL CATS FROM "436/1340" TO "456/1360" - NEW CONTROLLING OBSTACLE ON FINAL.
4. INCREASED S-LOC 04 VISIBILITY CAT C FROM "3/4 SM" TO "7/8 SM" - INCREASED HAT FOR CAT C
5. CHANGED ADDITIONAL FLIGHT DATA NOTE: FROM "CHART FAS OBST: 1044 TOWER 395228N/0830903W" TO " FAS OBST: 1109 MSL AAO 395014N/08331121W" - NEW CONTROLLING OBSTACLE

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAJ** ☐ **NBAA** ☒ **OTHER:** ZID, CMH APPCON, TZR ATCT, AMGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

DEVELOPED BY

DONALD H. LANIER (CHRISTOPHER SCHONES)

APPROVED BY

GEORGE DAVIS

Digitally signed by

WARDELL HENNING

Aug 16, 2019

OFFICE

Digitally signed by

DATE

WARDELL HENNING

Aug 16, 2019

OFFICE

AJV-A431

DATE

06/19/2019

OFFICE

AJV-A430

DATE

TITLE
MANAGER