

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
NDB STANDARD INSTRUMENT APPROACH PROCEDURE**

TITLE 14 CFR PART 97.27

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> NDB RWY 4	<u>ORIGINAL/AMENDMENT</u> 7A	<u>CITY</u> COLUMBUS	<u>STATE</u> OH	
<u>AIRPORT ELEVATION</u> 904	<u>TDZE</u> 904	<u>SUPERSEDED</u> NDB RWY 4	<u>ORIGINAL/AMENDMENT</u> 7	<u>DATED</u> 01/15/2009	<u>MAG VAR</u> 5W	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> BU	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 13 SEPTEMBER 2018	<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:

5.38 NM AFTER BU LOM

MISSED APPROACH INSTRUCTIONS:

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

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT R SIDE OF COURSE 217.56 OUTBOUND 2700 FT WITHIN 10 MILES OF BU LOM (IAF)
- 2.
3. FAC: 037.56 FAF: BU LOM DIST FAF TO MAP: 5.38 DIST FAF TO THLD: 5.38
4. MIN ALT:
8. MSA FROM: BU LOM 3100

EQUIPMENT REQUIREMENTS NOTES:

RADAR REQUIRED FOR PROCEDURE ENTRY.

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-4 CATS A/B VISIBILITY TO 1 SM AND S-4 CATS C/D VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
BU LOM TO RW04: 3.08/40.
CHART FAS OBST: 1044 TOWER 395228N/0830903W.
HOLD SW, LT, 038.00 INBOUND



MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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-04	1400	3/4	496	1400	3/4	496	1400	1	496	1400	1 1/4	496			
CIRCLING	1400	1	496	1400	1	496	1400	1 1/2	496	1500	2	596			

CHANGES - REASONS

1. AMENDED TDZE AND APT ELEV FROM 905 TO 904 - MATCH CURRENT AIRNAV VALUES.
2. DELETED TERMINAL ROUTE MECAN TO BOUTN LOM - CENTRAL FPT REQUEST, V12 AIRWAY BEING CANCELED DUE TO RID VOR DECOMMISSIONING.
3. ADDED EQUIPMENT REQUIREMENT NOTE: RADAR REQUIRED FOR PROCEDURE ENTRY - CENTRAL FPT REQUEST, ENROUTE TIE-IN NO LONGER EXISTS WITH DELETION OF MECAN TO BOUTN LOM TERMINAL ROUTE.
4. DELETED NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE PORT COLUMBUS ALTIMETER SETTING AND INCREASE AND ALL MDA 60 FEET AND INCREASE S-4 CAT C/D VISIBILITY 1/4 MILE - KTZR AWOS ON WMSCR, BACK-UP ALTIMETER ADJUSTMENTS MOVED TO FORM 8260-9 FOR CONTINGENCY USE.
5. AMENDED S-4 HAT FROM 495 TO 496 - COMPUTED USING UPDATED TDZE.
6. AMENDED S-4 CAT C VISIBILITY FROM 3/4 TO 1 - COMPUTED IN ACCORDANCE WITH FAAO 8260.3C, TABLE 3-3-1.
7. ADDED CHART CIRCLING ICON IN ADDITIONAL FLIGHT DATA - IN ACCORDANCE WITH FAAO 8260.19H, PARA 8-6-10T.
8. AMENDED CATS A/B CIRCLING MDA/HAA FROM 1420/515 TO 1400/496, CAT C FROM 1420/515 TO 1400/496, AND CAT D FROM 1460/555 TO 1500/596 - OBSTACLE ENVIRONMENT ALLOWS CATS A/B/C CIRCLING TO MATCH S-4 STRAIGHT-IN MINIMUMS. CENTRAL FPT NOTIFIED AND CONCURS WITH STANDARDIZING CIRCLING MINIMUMS AT AIRPORT BASED ON FLIGHT INSPECTED CIRCLING OBSTRUCTIONS PUBLISHED ON THE RNAV (GPS) RWY 22.
9. DELETED ALTERNATE MINIMUMS RESTRICTION NA WHEN LOCAL WEATHER NOT AVAILABLE - NO LONGER REQUIRED, KTZR AWOS IS ON WMSCR.
10. ADDED NOTE: FOR INOPERATIVE ALS, INCREASE S-4 CATS A/B VISIBILITY TO 1 SM AND S-4 CATS C/D VISIBILITY TO 1 3/8 SM - IN ACCORDANCE WITH FAAO 8260.19H, PARA 8-6-11O(3)(D).

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZID, CMH APP CON, TZR ATCT, AMGR

FLIGHT CHECKED BY

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, DEC 22, 2017.

DEVELOPED BY

PETER R. GUIMOND

Digitally signed by
PETER R GUIMOND
May 02, 2018

APPROVED BY

JULIE MORGAN

OFFICE

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AJV-5422

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DATE

DATE

05/02/2018

DATE

Digitally signed by

ROBERT G HAMILTON

Jun 14, 2018

TITLE

Digitally signed by
ROBERT G HAMILTON

Jun 14, 2018

MANAGER

