

//UNCLASSIFIED//
101248Z Feb 16
FROM CDR JMC ROCK ISL IL//AMSJM-QAS//
740 (A)

SUBJECT: AMMUNITION INFORMATION NOTICE (AIN) 032-16, AUTHORIZATION TO FIRE VARIOUS 60MM, 81MM, AND 120MM MORTAR CARTRIDGES USING OLDER MORTAR BALLISTIC COMPUTERS

1. AIN 031-16 WAS TRANSMITTED ON 051323Z Feb 16
2. THIS AIN SUPERSEDES AIN 067-15. FIRING TABLES INFORMATION CORRECTED IN ATTACHMENT AIN 032-16A.
3. DODICS: BA14, BA15, BA44, BA45, CA04, CA07, CA09, CA39, CA43, CA44, CA61, CA63, C625, C868 and C875.
4. REFERENCE: THE APPROPRIATE FIRING TABLES ARE LISTED IN ATTACHMENT TO THIS AIN (SEE AIN 032-16A).
5. REQUEST DISSEMINATION OF THIS AIN TO ALL MORTAR USING UNITS, RANGE CONTROL OFFICERS, SAFETY OFFICERS, ASP PERSONNEL AND QASAS.
6. THE M32 LIGHTWEIGHT HANDHELD MORTAR BALLISTIC COMPUTER (LHMBC), M95/M96 MORTAR FIRE CONTROL SYSTEM - MOUNTED (MFCS-M), AND THE M150/M151 MORTAR FIRE CONTROL SYSTEM - DISMOUNTED (MFCS-D) ARE USED TO SUPPORT MORTAR FIRING. THE M32 LHMBC REPLACED THE M23 MORTAR BALLISTIC COMPUTER (MBC), WHICH IS CURRENTLY BEING PHASED OUT OF ARMY INVENTORY.
7. UNITS WITHOUT ACCESS TO THE M95/M96 MFCS-M, M150/M151 MFCS-D, OR M32 LHMBC, BUT WHO STILL POSSESS THE M23 MBC, MAY USE THE M23 MBC FOR TRAINING ONLY. THE M23 MBC IS NOT AUTHORIZED FOR OPERATIONAL/ TACTICAL USE.
8. THE M23 MBC IS NO LONGER SUPPORTED AND HAS NOT BEEN UPDATED. THE ATTACHMENT THAT ACCOMPANIES THIS AIN PROVIDES THE NECESSARY FIRING DATA AND CORRECTION FACTORS TO ALLOW FIRING OF MORTAR CARTRIDGES THAT ARE NOT CURRENTLY SELECTABLE IN THE M23 MBC.
9. ADDITIONALLY, SOME OLDER VERSIONS OF THE LHMBC AND MFCS SOFTWARE MAY NOT HAVE SELECTIONS FOR ALL AMMUNITION. THE NECESSARY FIRING DATA AND CORRECTION FACTORS TO ALLOW FIRING OF THESE ROUNDS ARE ALSO PROVIDED IN THE ATTACHMENT, WHERE APPLICABLE. UNITS WITH MFCS SOFTWARE PRIOR TO VERSION 5.1.2 OR LHMBC SOFTWARE PRIOR TO VERSION 3.3 SHOULD HAVE THEIR MFCS/LHMBC UPDATED TO COMPLY WITH CURRENT SOFTWARE VERSIONS USED IN THE FIELD.
10. THE ENCLOSURE IS DIVIDED INTO CHAPTERS, ONE CHAPTER PER CALIBER (60MM, 81MM, AND 120MM). TO FIND INFORMATION ON A PARTICULAR CARTRIDGE, LOOK IN THE APPROPRIATE CALIBER'S CHAPTER, AND FIND THE CARTRIDGE YOU ARE LOOKING FOR. ALL NECESSARY FIRING DATA, CORRECTIONS, AND AUTHORIZATIONS FOR FIRING THAT CARTRIDGE WILL BE LOCATED IN ITS SECTION.

11. BALLISTIC SOLUTIONS ARE ALSO PROVIDED IN THE FIRING TABLES NOTED IN REFERENCE PARAGRAPH 4 FOR EACH CARTRIDGE SECTION. IN ADDITION, A GRAPHICAL FIRING SCALE AND PLOTTING BOARDS ARE AVAILABLE FOR USE IN FIRING MORTAR CARTRIDGES. GRAPHICAL FIRING SCALES ARE PROVIDED IN THE PACKAGING FOR MOST MORTAR CARTRIDGES.

12. THE LATEST VERSION OF THE FIRING TABLES MAY BE ACCESSED VIA AKO BY FOLLOWING THE WEB LINK: [HTTPS://WWW.US.ARMY.MIL/SUITE/PAGE/131620](https://www.us.army.mil/suite/page/131620). CLICK ON "TFT ACCESS", THEN "NEW ACCESS REQUEST", AND FOLLOW THE LINKS TO SEND A REQUEST FOR ACCESS.

13. THIS AUTHORIZATION WILL REMAIN IN EFFECT UNTIL ALL M23 MBCS IN THE FIELD ARE REPLACED AND THE SOFTWARE FOR ALL M95/M96 MFCS-M, M150/M151 MFCS-D AND M32 LHMBBC IS UPDATED TO SUPPORT THE AFFECTED CARTRIDGES.

14. THIS AIN HAS BEEN REVIEWED AND APPROVED BY:

A. PM GUIDED PRECISION MUNITIONS AND MORTAR SYSTEMS (GPM2S), MORTAR WEAPONS AND FIRE CONTROL SYSTEMS BRANCH, PICATINNY ARSENAL, NJ.

B. MORTAR TEAM CHIEF, MCOE CDID, FT. BENNING, GA.

15. THE TECHNICAL POC IS ANDREW DE BLOCK, RDAR-EIL-LM, DSN 880-5707, COMM 973-724-5707, EMAIL ANDREW.J.DEBLOCK.CIV@MAIL.MIL. THE POC FOR DISTRIBUTION IS ORAWAN DE VERA, DSN 793-6423, COMM 309-782-6423, EMAIL ORAWAN.DEVERA.CIV@MAIL.MIL.

16. THIS AIN EXPIRES 28 FEB 2017 UNLESS OTHERWISE SUSPENDED OR SUPERSEDED.

//SIGNED//

JEAN-MICHEL W. SERRA
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