

//UNCLASSIFIED//
031357Z Feb 16
FROM CDR JMC ROCK ISL IL//AMSJM-QAS//
740 (A)

SUBJECT: AMMUNITION INFORMATION NOTICE (AIN) 029-16, USE OF SHORT CIRCUIT CAP ON SIMULATOR, FLASH, ARTILLERY, M21 (1370-L602); SIMULATOR, TARGET HIT, M25 (1370-L709); AND SIMULATOR, TARGET KILL, M26 (1370-L720)

1. AIN 028-16 WAS TRANSMITTED ON 011906Z Feb 16
2. THIS AIN SUPERSEDES AIN 016-15.
3. DODICS: L602, L709, L720
4. REFERENCE: TB 9-6920-785-14, OPERATOR, UNIT, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE INFORMATION FOR USE OF THREAT CUE DEVICES: TARGET HIT SIMULATOR, M25; TARGET KILL SIMULATOR, M26; AND ANTITANK GUIDED MISSILE SIGNATURE SIMULATOR (ATGMSS), M27; WITH ELECTRIC MATCH IGNITER, M79; ON GUNFIRE SIMULATOR DEVICE (GUFS), 30 NOV 92.
5. THIS AIN IS A COORDINATED EFFORT WITH U.S. ARMY ARMAMENT RESEARCH AND DEVELOPMENT ENGINEERING CENTER (ARDEC).
6. A COPY OF THIS AIN IS TO BE PROVIDED TO ALL UNITS USING SUBJECT ITEMS.
7. ENGINEERING STUDIES COMPLETED BY ARDEC HAVE RESULTED IN A DESIGN IMPROVEMENT ALLOWING THESE ITEMS TO FULLY MEET PERSONNEL-BORNE ELECTROSTATIC DISCHARGE REQUIREMENTS ESTABLISHED BY MIL-STD-331C W/CHANGE 1, 22 JUN 09.
8. ADDITIONALLY, THESE STUDIES HAVE IDENTIFIED THE PREVIOUSLY USED SHORT CIRCUIT CAP AS INEFFECTIVE IN IMPROVING THE SAFETY OF THESE ITEMS.
9. THE SHORT CIRCUIT CAP, WHICH IS A PART OF THOUSANDS OF PREVIOUSLY FIELDED M21 SIMULATORS, AND WHICH MAY OR MAY NOT BE INSTALLED ON CURRENTLY-FIELDED LOTS OF THE NEWER M25 AND M26 SIMULATORS, IS OF NO SAFETY VALUE. USING OR NOT USING THE SHORT CIRCUIT CAP HAS NO SAFETY CONSEQUENCES. DISREGARD ALL REFERENCES TO THE SHORT CIRCUIT CAP IN THE FIRING INSTRUCTION SHEET AND/OR LABEL.
10. ALL HANDLING GUIDANCE OF REF APPLIES, WITH THE FOLLOWING EXCEPTIONS:
 - A. DISREGARD REFERENCES TO THE SHORTING CAP.
 - B. THE FOLLOWING GUIDANCE IS PROVIDED IN LIEU OF THE NOTE IMMEDIATELY BEFORE PARA 7.5B (6) ON PAGE 19: WHEN SHORT CIRCUIT CAP IS UNAVAILABLE, CUT LEAD ENDS TO WITHIN ONE INCH OF SIMULATOR BODY. IF ITEM PROTECTIVE CAP IS READILY AVAILABLE, REPLACE ON ITEM (ASSURING THAT CAP COVERS CUT LEAD ENDS), AND SECURE CAP WITH SEALING TAPE. IF ITEM PROTECTIVE CAP IS NOT AVAILABLE, APPLY SEALING TAPE DIRECTLY OVER EXPOSED END OF SIMULATOR, ASSURING THAT IT COVERS CUT LEAD ENDS.

11. TECHNICAL POC IS MR. JONATHAN CURTO, RDAR-EIL-LM, DSN 880-4576, E-MAIL JONATHAN.P.CURTO.CIV@MAIL.MIL. POC FOR DISTRIBUTION IS MRS. IRENE E. YOUNG, AMSJM-QAS, DSN 793-8490, E-MAIL IRENE.E.YOUNG9.CIV@MAIL.MIL.

12. THIS AIN EXPIRES 28 FEBRUARY 2017 UNLESS OTHERWISE RESCINDED OR SUPERSEDED.

//SIGNED//

JEAN-MICHEL W. SERRA

CHIEF, AMMUNITION SURVEILLANCE DIVISION