

## Ammunition Malfunction Data Collection Guide (8025)

Ammunition that fails to perform as expected can normally be attributed to a malfunction, human error, or a weapon/equipment deficiency. In every instance, it is imperative that certain facts surrounding the matter be immediately noted and appropriately reported so that remedial action can be initiated to preclude recurrence. Attention is invited to the fact that the cognizant design agent will conduct a detailed technical investigation predicated in part on the data provided by the user in the malfunction report. To insure that the report contains the essential data, personnel on the scene must take notes on the elements enumerated below as they relate to the particular situation. MCO 8025.1 contains the specific reporting requirements.

NOTE: The following is not a complete list of the data elements required in the malfunction report but rather is limited to those elements that must be immediately noted at the scene to enhance report accuracy.

1. Note the details of what actually occurred and the actions of appropriate personnel immediately prior to the malfunction (this is essential in determining whether human error caused or contributed to the situation as a result of inattention, carelessness or deviation from standard procedures). Check for residue from the item(s) involved. If present, accumulate and retain.
2. Record time, date and weather conditions.
3. Identify the item(s) involved. FSN/DODIC and lot number of the complete item and lot numbers of the major components, if identifiable. Or, FSN/DODIC and lot number of each individual item used to make up the complete round (e.g., 155mm projectile, fuze, primer, and propellant charge).
4. Condition of the ammunition prior to use. Was item or packaging wet or discolored? Did either appear deteriorated? Was item adversely exposed to the environment? (e.g., prolonged exposure to the direct rays of the sun, exposed to rain, snow, etc.) Any indications of rough handling or unauthorized alteration/tampering?
5. Identify the weapon utilized. Model and serial number. Condition of the weapon prior to and after firing. Number of rounds fired on this date. Elevation, zone in which fired, increments used, range to target, fuze setting. Was the weapon operated properly and did it function normally? Length of recoil. Any evidence of unburned propellant or residue in the tube? Could foreign material have entered the tube prior to firing. Any indication of nonstandard conditions or practices?

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NAVMC10155 (REV-10-71)  
Previous editions will not be used  
SN: 0000-00-002-2009 U/I: PG OF 100