

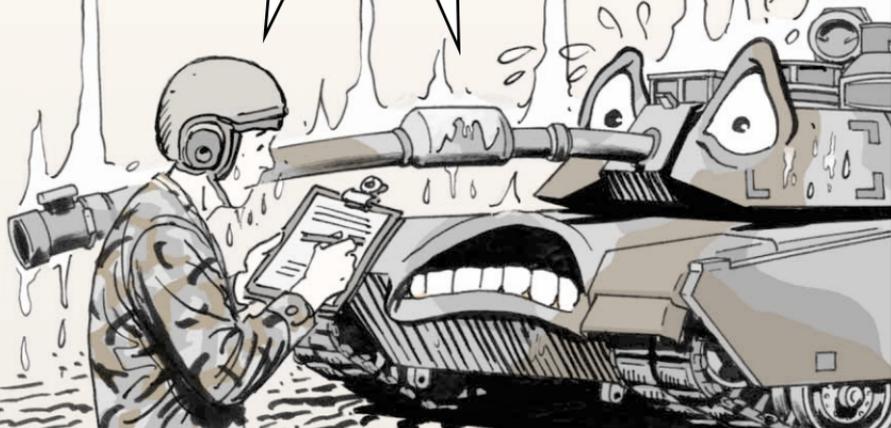
DON'T RETIRE TUBE TOO EARLY

LET'S SEE...
WE FIRED 20
ROUNDS AND THE
TEMPERATURE'S
ABOVE 100°...

...SO THAT
MEANS WE
RECORD...
40 ROUNDS!

HEY, WAITAMINIT!
TEMPERATURE
DOESN'T AFFECT
MY ROUNDS FIRED
COUNT!

YOU'RE GONNA
GET MY CANNON
TUBE CONDEMNED
BEFORE
ITS TIME!



The M256 cannon tube on your M1A1/A2 tank isn't cheap, crewmen, so don't replace it before you have to. The safe service life of the M256 cannon tube is 1,500 equivalent full charge (EFC) rounds. For some cannon tubes, when the ammunition's ambient temperature rises to 100°F or higher, the EFC count increases from one to two for each round fired.

There is no temperature sensitivity for M256 ammunition, so its EFC count remains at one regardless of the temperature. See Page B-5 of TM 9-1000-202-14, *Evaluation of Cannon Tubes*, for the straight scoop.

Don't mistakenly enter the wrong number of rounds on the DA Form 2408-4, *Gun Record Card*, just because it's hot outside. If you do, the tube will be condemned too early.

M1A1 MRS O-Ring

Use NSN 5331-00-965-0719 to get improved O-rings for the muzzle reference sensor (MRS) on your M1A1/A2 tank. The old O-rings, NSN 5331-00-724-7902, leak, requiring constant changing of the desiccant. Make a note until Item 10 in Fig 90 of TM 9-2350-264-24P-2 and Item 9 in Fig 79 of TM 9-2350-288-24P-2 can be changed.