

JA 29-2

S - 20 Jun 69


AMSTE-BC (9 Jun 69) 1st Ind
SUBJECT: FY70 M16A1 Rifle Endurance (Reliability) Test - USATECOM
Project No. 8-8-0230-05

DA, Headquarters, US Army Test and Evaluation Command, Aberdeen Proving
Ground, Maryland 21005 13 JUN 1969

TO: Commanding Officer, Aberdeen Proving Ground, ATTN: STEAP-MT-TI,
Aberdeen Proving Ground, Maryland 21005

For response through this headquarters.

FOR THE COMMANDER:



GOODWIN MORROW
Act Dir
Inf Mat Test Dir

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DEPARTMENT OF THE ARMY
UNITED STATES ARMY MATERIEL COMMAND
PROJECT MANAGER - RIFLES
ROCK ISLAND ARSENAL
ROCK ISLAND, ILLINOIS 61201

9 JUN 1969

AMCPM - RS

SUBJECT: FY70 M16A1 Rifle Endurance (Reliability)
Test - USATECOM Project No. 8-8-0230-05

Commanding General
U. S. Army Test & Evaluation Command
Attn: AMSTE-BC
Aberdeen Proving Ground, Md. 21005

1. Reference:

a. AMCPM-RS message No. 9296 dated 1 April 1968, subject: Rifle Endurance (Reliability Test), USATECOM Project No. 8-8-0230-05.

b. AMCPM-RS Message No. 8229 dated 2 April 1969, subject same as reference 1 a.

c. SMUFA-H9000 DF dated 9 April 1969, subject: Monthly Quality Assurance Test of M16A1 Rifle, USATECOM Project No 8-8-0230-05.

d. Letter ADCSLOG (P&B) dated 17 Jan 68, subject: M16 Rifle and Ammunition Testing with enclosure memorandum from Chief of Staff dated 2 Jan 1968.

2. Reference 1 d. established the requirement for a monthly reliability Test of Colt's M16A1 Rifle by USATECOM.

3. Reference 1 a. clarified the test requirement and established the reporting procedure.

4. Reference 1 b. modified the test procedure and adds a requirement for testing the rifles using combat load (4 Ball and 1 Tracer) and straight Ball cartridges. The test was also expanded to include H&R and GMC M16A1 Rifles.

5. Reference 1 c. Frankford Arsenal initiated action to provide TECOM with M196 Tracer ammunition to conduct reliability test during FY 70.

9 JUN 1969

AMCFM-RS

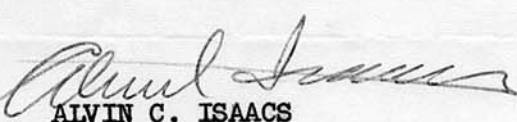
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6. It is requested that this office be provided by 20 June 69, the cost to conduct monthly Endurance Tests in accordance with the following schedule:

Month	Rifles Tested Using Combat Load			Rifles Tested Using M193 Ball			Total Tests
	GMC	H&R	Colts	GMC	H&R	Colts	
July 69	1	1	0	0	0	2	4
Aug	1	0	2	1	1	2	7
Sep	1	1	2	1	0	2	7
Oct	1	0	2	1	1	2	7
Nov 69	1	1	2	1	1	2	8
thru Jun 70	<u>1</u>	<u>1</u>	<u>2</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>8</u>
TOTAL	12	10	22	11	10	24	89

7. Action is being taken by this office to provide the Materiel Test Directorate with the following materiel to support the above test schedule.

- a. 45 ea. twenty round Magazines per month starting in July 1969.
- b. 100,000 ea. 5.56mm M196 Tracer Cartridge.
- c. 475,000 ea. 5.56mm M193 Ball Cartridge.
- d. M16A1 Rifles in quantities specified in above test schedule (Para. 3).


ALVIN C. ISAACS
Colonel, OrdC
Project Manager, Rifles

CF:
STEAP-MTC/Mr. Doliney
SMUFA-H9000/COL Johnson
ADC SLOG(P&B)/COL Cumbie
AMCQA-P/Mr. Tiner