ACCU-COUNTER™

Revolutionizing Firearms™

Presentation for:

NDIA

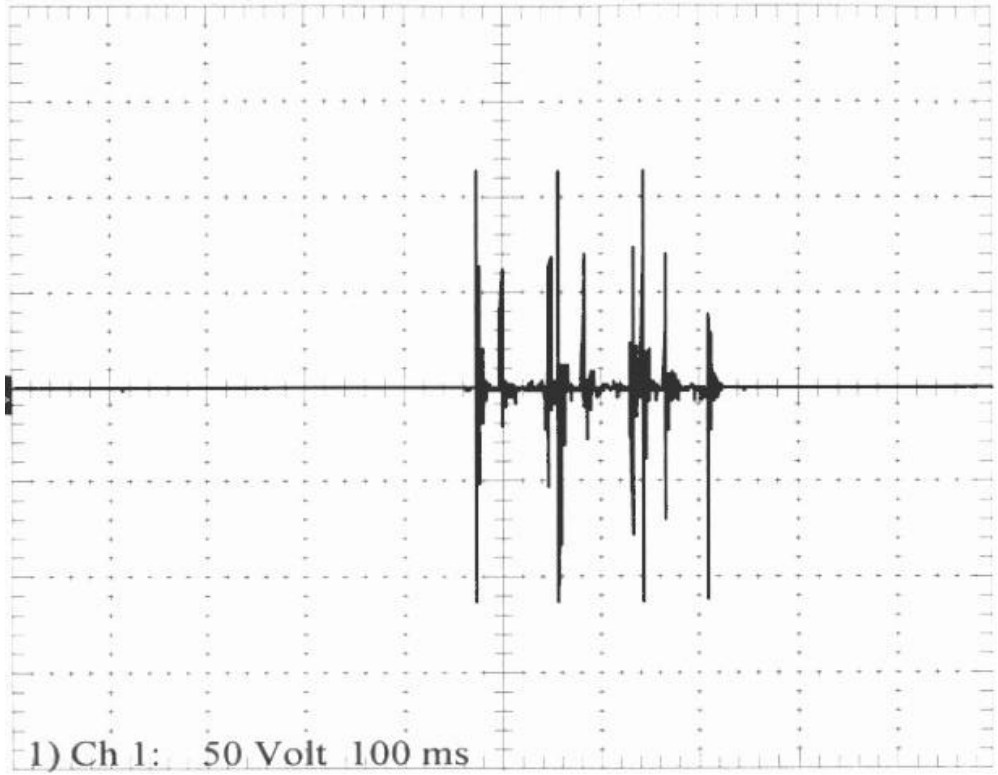
NATIONAL DEFENSE INDUSTRIAL ASSOCIATION

2000 Joint Services Small Arms Symposium, Exhibition, and Firing Demonstration

August 30 - 31, 2000

How the ACCU-COUNTER™ Works

At the heart of the Accu-Counter system is a patented sensor that reacts to the mechanical frequency of the firearm.



Overview of the ACCU-COUNTER™ System

1) **M-4 / M-16 Rifle**

2) **Accu-Counter unit**. The Accu-Counter unit fits inside the pistol grip of the M-4 or M-16 rifle

3) **Reading Device**. The reading device transfers data from the Accu-Counter unit to a handheld PC using either direct-pin connection (for the Accu-Counter *BASIC* model) or infrared data transfer (for the Accu-Counter *STANDARD* model).

4) **Handheld Computer**. The Handheld computer receives and displays data from the Accu-Counter unit. Optionally, this data can be stored and later transferred to a standard PC for use with the Accu-Counter *Total Count* software system.

5) **Standard PC**. Data from the Accu-Counter unit can be stored and evaluated for preventive maintenance and After Action Review purposes using the Accu-Counter *Total Count Software*.

Features of ACCU-COUNTER™ Models:

Standard Unit:

Provides Total Count of rounds with the time and date each round was fired

Battery Life: 12 month replacable battery in pistol, 8-10 year permanent in rifle.

Basic Unit:

Provides Total Count only without time/date stamp

Battery Life: 10 year permanent battery.

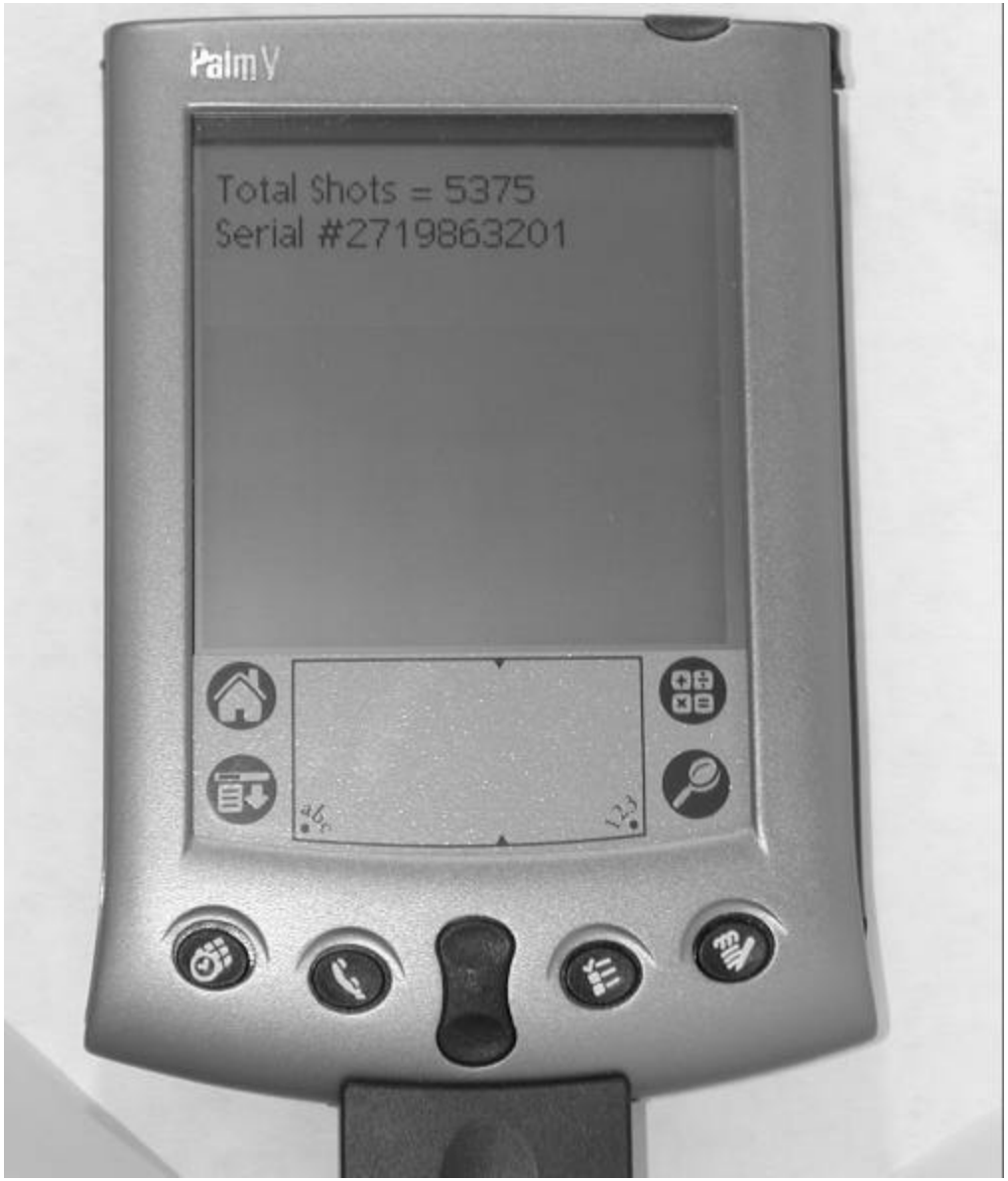
Both Standard and Basic models work with the ACCU-COUNTER™ maintenance software.

Standard Unit

ACCU-COUNTER™ Downloading to Palm Computer

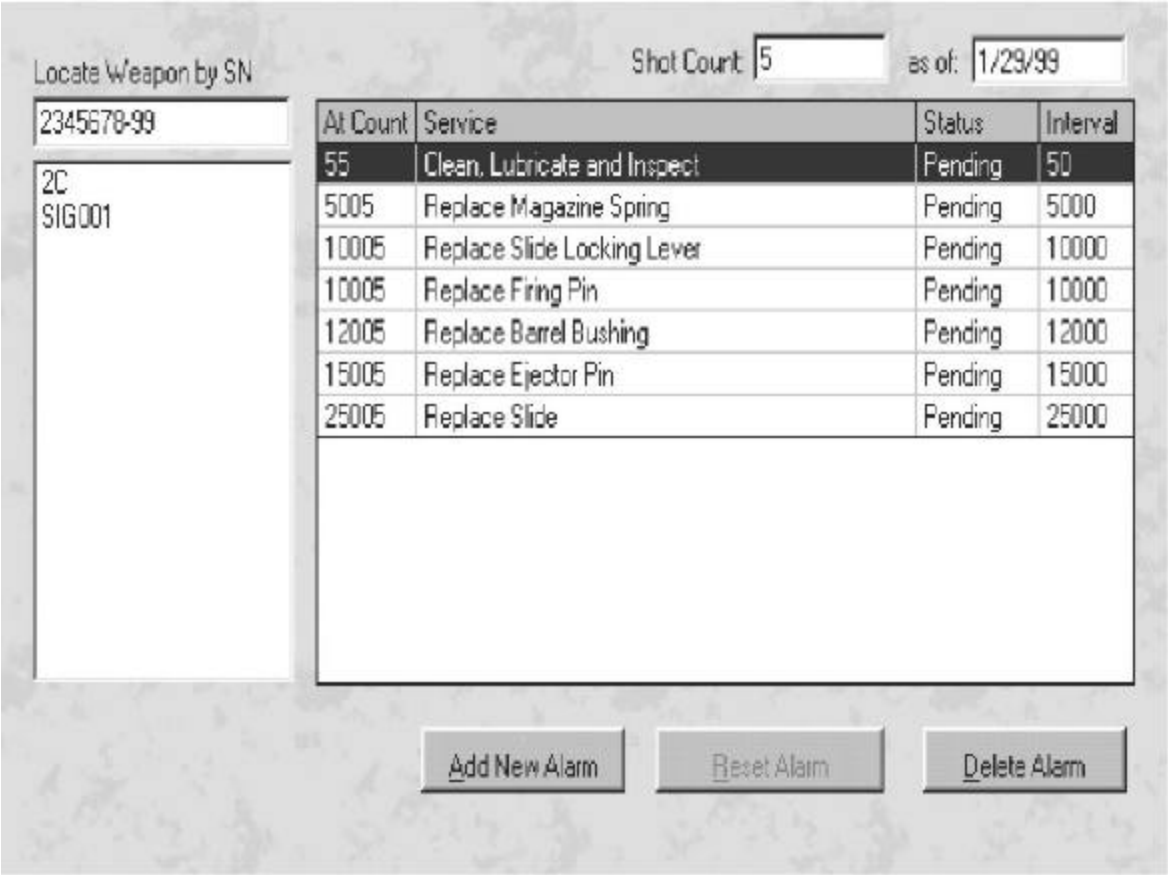
Basic Unit

ACCU-COUNTER™ Data Displayed on Palm Computer



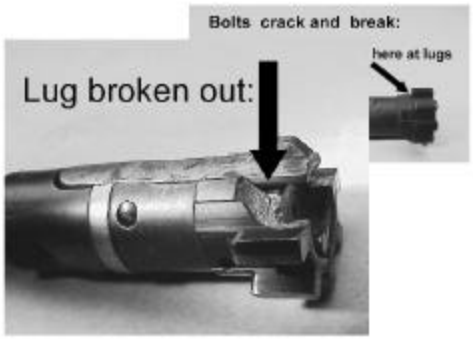
Benefits of using the ACCU-COUNTER™

Maintenance Records - Complete maintenance records improve the reliability of your firearm.

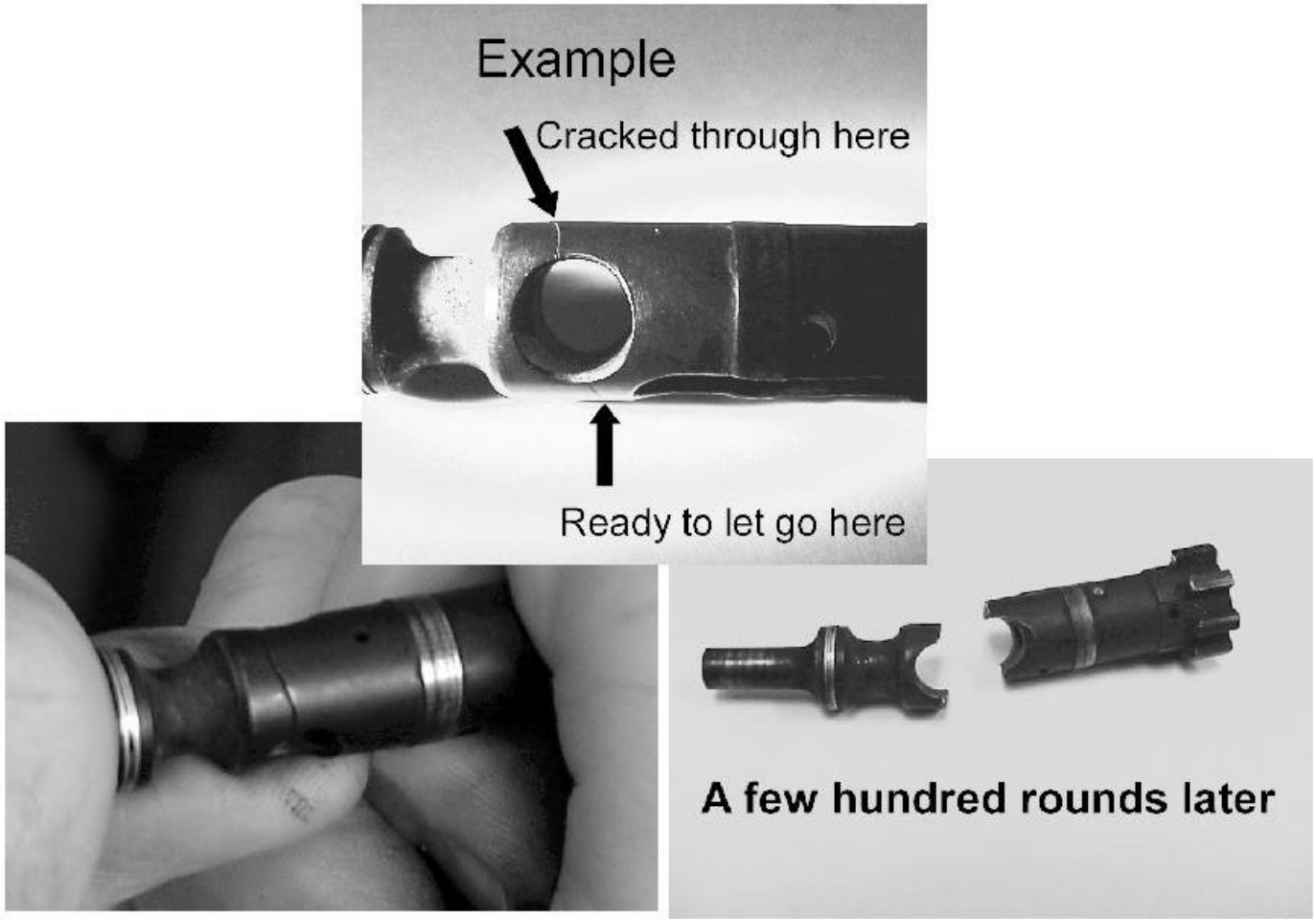


At Count	Service	Status	Interval
55	Clean, Lubricate and Inspect	Pending	50
5005	Replace Magazine Spring	Pending	5000
10005	Replace Slide Locking Lever	Pending	10000
10005	Replace Firing Pin	Pending	10000
12005	Replace Barrel Bushing	Pending	12000
15005	Replace Ejector Pin	Pending	15000
25005	Replace Slide	Pending	25000

Examples of Weapon Failures that can be prevented using the ACCU-COUNTER™

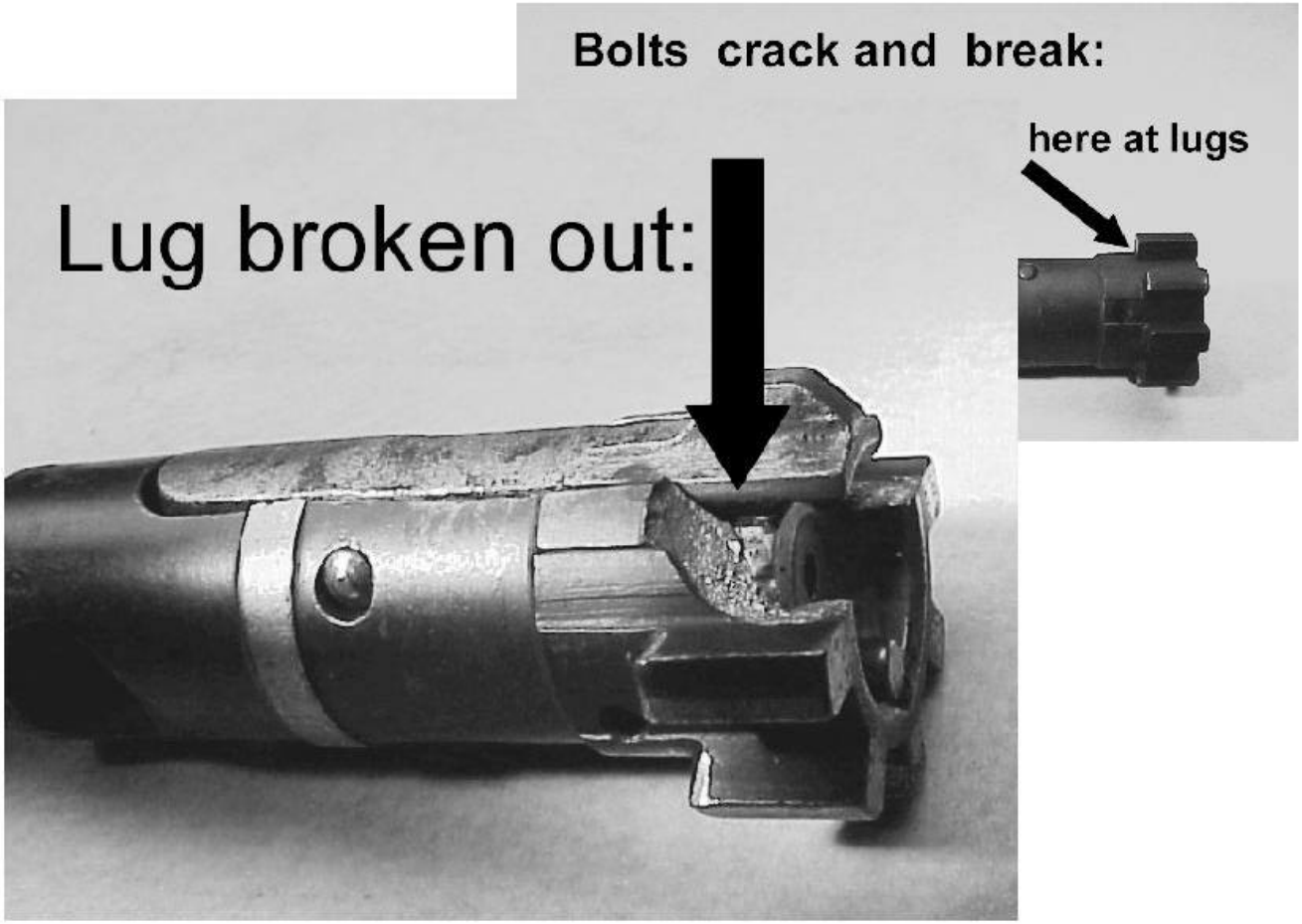


Catastrophic Bolt Failure on M-4 rifle



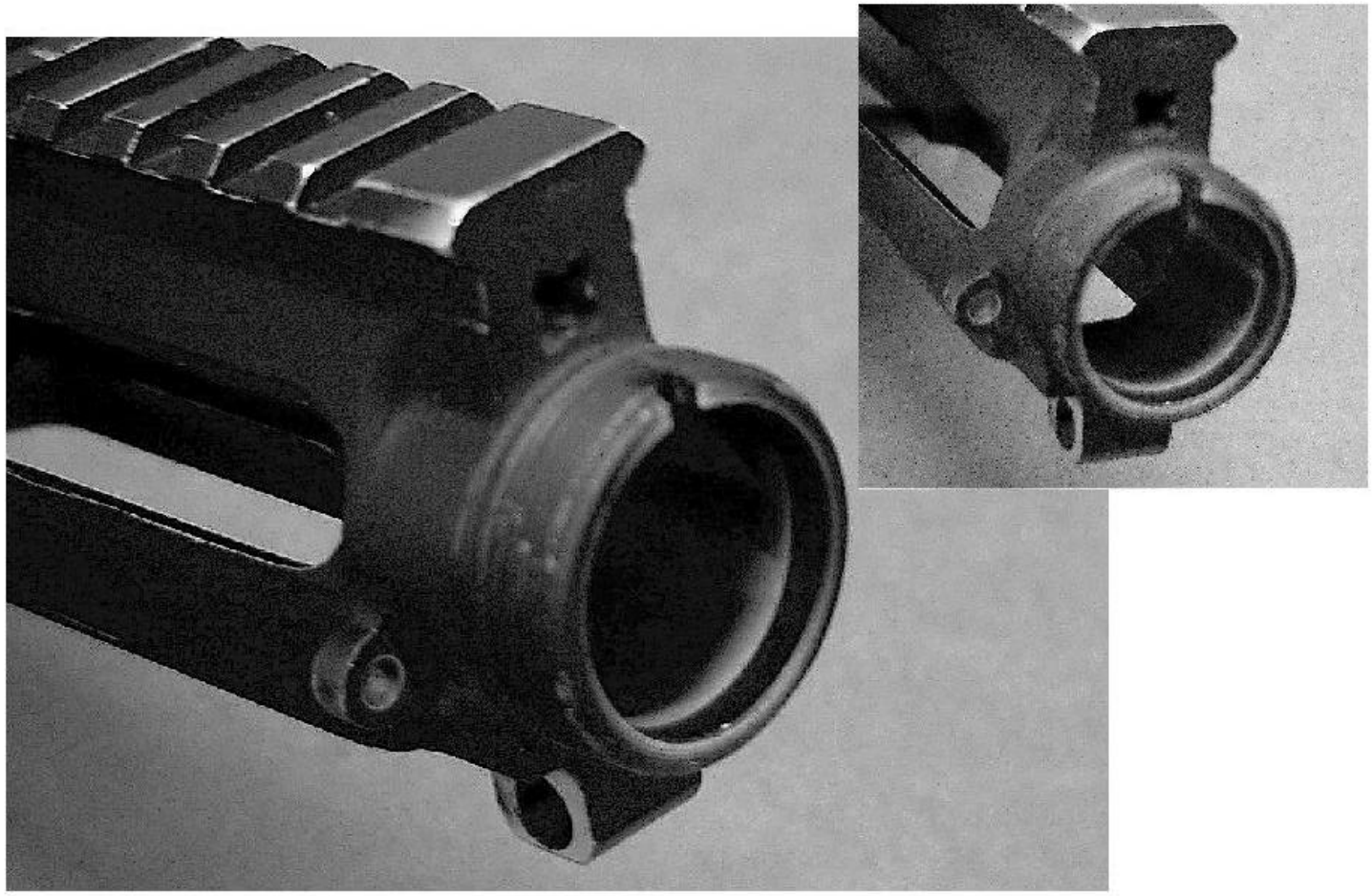
ACCU-COUNTER™ can predict and help prevent this problem

Non-Catastrophic Bolt Failure on M-4 rifle



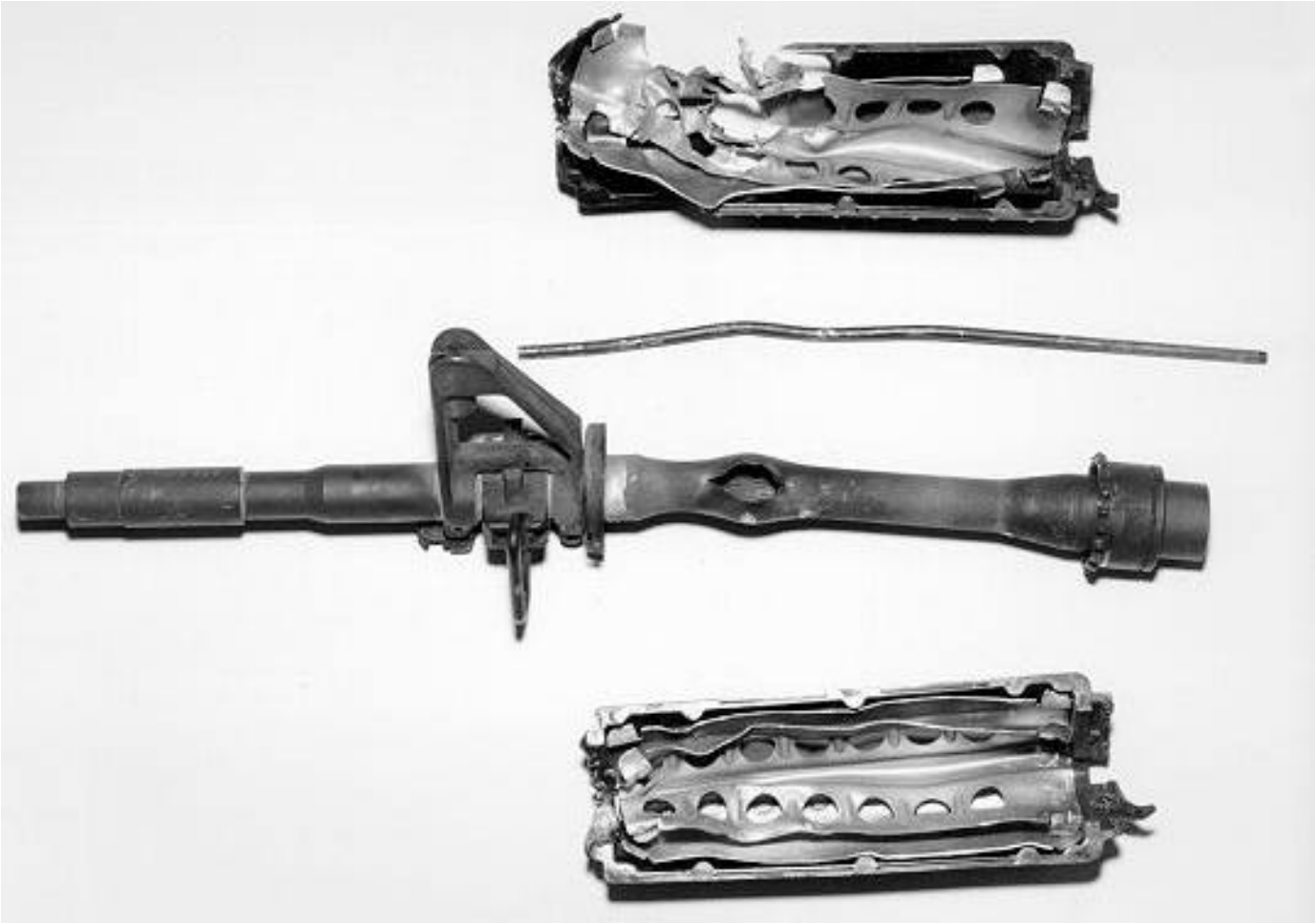
ACCU-COUNTER™ can predict and help prevent this problem

Loose Barrel on M-4 rifle



ACCU-COUNTER™ can predict and help prevent this problem

Burst Barrel on M-4 rifle



ACCU-COUNTER™ can predict and help prevent this problem

Benefits of using the ACCU-COUNTER™

Usage Records - Complete usage records provide a history of your firearm, including cycle rates and user information.

7th Infantry Division
194th Battalion
Bravo Company

Expended Rounds Detail

Date: 2/09/99

Weapon S/N	Assigned To	Round	Date	Time
73945-9645	SGT. Brown	987	2/9/99	16:03:24.932
		986	2/9/99	16:03:24.780
		985	2/9/99	16:03:24.520
		984	2/9/99	16:03:22.613
		983	2/9/99	16:03:22.351
		982	2/9/99	16:03:22.097
24731-2455	PFC. White	1546	2/7/99	11:24:45.241
		1545	2/7/99	11:24:44.886
		1544	2/7/99	11:24:44.592
		1543	2/7/99	11:24:22.655
		1542	2/7/99	11:24:22.319
		1541	2/7/99	11:24:22.044
		1540	2/6/99	14:39:14.225
		1539	2/6/99	14:39:14.015
		1538	2/6/99	14:39:13.992
		1537	2/6/99	14:39:13.706
		1536	2/6/99	13:19:44.229
39641-5884	CPL. Redd	698	2/7/99	9:51:24.317
		697	2/7/99	9:51:24.069
		696	2/7/99	9:51:23.854
		695	2/7/99	9:51:23.519
		694	2/7/99	9:51:23.306
		693	2/7/99	9:47:51.654
		692	2/7/99	9:47:50.396

Benefits of using the ACCU-COUNTER™

- Expedite Arms Room Inspections by electronically gathering data and eliminating human error.
- Inventory control of spent ammunition.
- Increase combat readiness by knowing life cycle of weapons.
- Assist in After Action Review by providing shooting performance reviews in training and combat.

Accu-Counter, Inc.

178 Barnwood Drive

Edgewood, KY 41017 USA

859-344-6770 phone

859-344-1466 fax

www.accucounter.com

email: accucount1@aol.com

Thomas R. Wells, CEO

Kenneth L. Brinkley, President

Bill Pedigo, Sales Representative

phone: 256-430-2390