

# THE BRADLEY MASTER GUNNER



## NEWSLETTER

UNITED STATES ARMY INFANTRY SCHOOL 1<sup>ST</sup> BATTALION, 29<sup>TH</sup>  
INFANTRY REGIMENT, FORT BENNING GEORGIA

A NEWS LETTER FOR THE REST OF US!

EDITION 04-03

4TH QUARTER FY 2003

## PURPOSE

The Master Gunner Newsletter is designed to ensure master gunners assigned at all levels are informed of current changes in the Bradley community. It is used to supplement new information pertaining to mechanized Infantry, Scout, FIST (Fire Support Team), ADA, Marine Corps, and Engineer business; it also contains older established information that may have been overlooked, never received, or just plain forgotten.

The Master Gunner Newsletter is available online at the Infantry Master Gunner Homepage, each Active Component Master Gunner (battalion/squadron, brigade/regiment, and division/corps levels) and National Guard and Reserve Component Master Gunners at battalion/squadron level and above should download and disseminate the Newsletter quarterly. It is essential that Reserve Component and National Guard senior Master Gunners ensure that copies of this newsletter are disseminated to their subordinate units. Copies can be viewed and/or downloaded, at the Master Gunner website

## GENERAL

The instructors at the Master Gunner Branch (MGB) usually write the articles included in the Newsletter; however, we have broadened the scope to all of the schools and components located at the Collins Training Center to include the Mechanized Leaders Course (MLC), Bradley Transition Course (BTC), Stryker/Bradley Proponency Office (S/BPO), New Equipment Transition Team (NETT) conduct of fire trainer branch (COFT) as well as the Bradley Master gunner Course (MG) if you would like to post information or a story on our newsletter please forward it to us by utilizing the "mail from the field for master gunner branch" link on our website. The main experience base lies with Master Gunners who are in the field on deployments and combat theaters. The success of this newsletter depends on a two-way flow of information. Any ideas, suggestions, or articles should be sent to the following address:

BRADLEY MASTER GUNNER NEWSLETTER  
B.CO. 1/29 INFANTRY (M)  
FT. BENNING, GEORGIA 31905

### Call us at:

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## GENERAL cont.

**Keep us updated!** The only way for us to know who you are, and what information you need is to keep us up to date on who you are so, drop us an e-mail: “[mastergunneroperations@benning.army.mil](mailto:mastergunneroperations@benning.army.mil)” and give us the information. Additionally, if you haven’t heard from us in a while drop us a line and reestablish communications.

**Feedback is a necessity!** This newsletter is not for us the instructor; it is for you the MG in the field. We desperately want feedback from the field because, it not only helps us the instructor, but also the students that attend the course. This reduces the same mistakes being made over and over again. Remember, it might not seem like a big deal to you, but it might be very important to someone else.

## CONTENTS

Included in this quarters newsletter:



**Tech Tips**



**Stories from the Field**



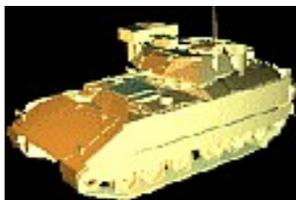
**TADSS**



**Master Gunner Graduation Rosters**



**The Final Say with the MG Branch Chief**



## ***TECH TIPS***

*With*  
**SSG Anthony Melton**  
**Master Gunner Instructor/ Writer**  
**Maintenance Team**

**SSG (P) Melton Instructs 25mm at the BFV Master Gunner Course. This information is meant to help keep your equipment in the fight. This quarter, SSG (P) Melton talks about PMCS of the M242 25mm chain gun.**

### **PMCS OF THE M242 25-MM WEAPON SYSTEM- IS THE STANDARD BEING MAINTAINED?**

**Services performed on your M242 25-mm weapon system are a critical part of your MG maintenance responsibilities and duties! I feel that a 2404 for each vehicles weapon system should accompany or be apart of that vehicles service package.**

**The PMCS procedures, attached below, are designed to isolate failures in the weapon system. The process should start with a step-by-step functional test found in the Operator's Manual, to identify any problem. The failed component(s) are identified and are either repaired or replaced. The functional test is then repeated to ensure proper operation. Things like lubrication requirements, free length requirements and torque requirements, just to name a few, if continuously ignored my result in serious injury to personnel or damage to equipment! I have taken a "Maintenance Tree" concept, for those that remember the maintenance tree in the old Technical Manual, that outlines a sequence of checks that cover key avenues surrounding the weapon system. It is only recommended that you follow this flow, but it's not required. You may develop your own as long as the standard in the TM is being achieved. Ensure your weapon systems are at their highest state of readiness by utilizing the appropriate TM 9-1005-200-23&P dated June 01. Also order your replacement and modification parts in a timely manner. Additionally, ensure you conduct the required cycle checks and electrical check out during every service phase. The term "CREW INDUCED" only applies if you have done all that is required of you in servicing your M242 25-mm weapon system!  
**SAFETY FIRST!****

**[Download 25mm Services 2404](#)**



# STORIES FROM THE FIELD

*With*  
**SSG Raymond Zumwalt,**  
**2-2 Infantry Bn. Master Gunner**

**In this edition of the Newsletter we receive some great info for us to help us with the tedious task of keeping up with ammunition forecasting. SSG Zumwalt is the 2-2 Infantry Battalion Master Gunner.**

## **Ammunition Calculators – Design and Use**

As Master Gunners, we become the ammunition managers by default. We quickly learn that the Ammo chart during SRTP was no joke, but a reality. At all levels as a Master Gunner, you will deal with ammunition – from the initial concept of a range to the final product of full-up gunnery. I have had the pleasure of working from the platoon to the battalion level, and Class V has been the thorn in my side from day one. So I went to work to develop an easier system.

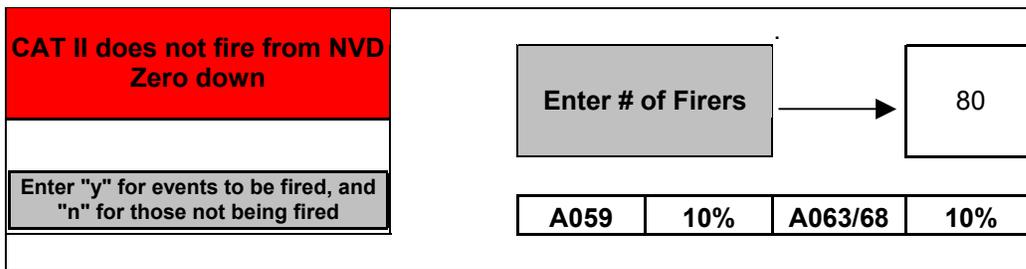
My idea started because of the 1<sup>st</sup> Infantry Division Ammunition Officer (DAO). He had developed a STRAC calculator for his own use, but it was rudimentary and 3 or 4 years out of date. There have been significant changes to the 2003 and 2004 STRAC, with more to follow in 2005. I took his idea to the next level. The Microsoft Excel workbook is the culmination of that effort.

My calculator uses exact numbers from DA PAM 350-38. Every bullet can be counted and you know exactly what it is being spent on. Those justification letters just became that much simpler. I have covered every training event that an Infantry battalion will go through, from small arms qualification, to squad STX and LFX, to Bradley Table XII and CALFEX. There are explanations on every page that tells you what the frequency is, by Category I or II. Finally, the workbook takes all of your input and automatically gives you totals on a single sheet of paper. The totals sheet even has an “Additional” column that gives you the freedom to “bump up” your numbers.

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Here's how you use it. A Company sends you a request for ammunition (some unreasonable number, as always); based on certain training events they have planned 3 months down the road. Those training events, for example, are: M16 qualification (with CCO, day and night), and a squad STX followed by a squad LFX. Your job as the ammunition manager is to determine how much they need in order to conduct quality training for each event, without hurting the battalion down the line.

The first thing you have to do is enter the number of firers on the appropriate spread sheet (this is from the M16 Sheet), as shown below:



This is when the calculator starts working for YOU. The next step is to enter a "y" or "n" next to each event that is to be fired:

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ZERO?	y
Practice Fire?	n
Record Fire?	y
NBC Practice?	n
NBC Record?	y
Night Practice?	n
Night Record?	n
NVD Zero?	y
Night Fire FF1?	n
NVD Night Prac?	n
NVD Night Record?	y
Advanced Skills?	n

Notice that I have selected the Zero, Record Fire, NBC Record, NVD Zero and NVD Night Record, the required tables for day and night qualification with CCO's.

The calculator now takes the number of firers, and multiplies that times the appropriate number of rounds for each event fired:

			A059	10%	A063/68	10%
ZERO?	y	Rounds:	1440	144		
Practice Fire?	n	Rounds:	0	0		
Record Fire?	y	Rounds:	3200	320		
NBC Practice?	n	Rounds:	0	0		
NBC Record?	y	Rounds:	1600	160		
Night Practice?	n	Rounds:	0	0	0	0
Night Record?	n	Rounds:	0	0	0	0

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<b>NVD Zero?</b>	y	<b>Rounds:</b>	1440	144	
<b>Night Fire FF1?</b>	n	<b>Rounds:</b>	0	0	
<b>NVD Night Prac?</b>	n	<b>Rounds:</b>	0	0	
<b>NVD Night Record?</b>	y	<b>Rounds:</b>	3200	320	
<b>Advanced Skills?</b>	n	<b>Rounds:</b>	0	0	
<b>Total rounds for Range:</b>		<b>A059</b>		<b>A063/68</b>	
			<b>10%</b>		<b>10%</b>
		10880	1088	0	0
		11968		0	

The calculator also does the 10% math that we all like to have, even though it is not authorized by STRAC. It also gives you 3 different totals: the ACTUAL total, a 10% total, and then a total with the 10% added in. This gives you the freedom to determine if you can afford to resource the 10% or not.

We aren't finished yet. Remember the STX and LFX that A Company wants to do? Now we go and figure that out.

I always make sure that I stay in the loop with each company's Weapon Density and Battle Rosters (usually conveniently hanging in the CSM or BC office). This information works wonders when it comes to this spread sheet.

First we enter "y" or "n" for each event to be trained (STX and LFX). I threw the Bradley in there just in case you might want to do some live-fire BSSE or equivalent. Continue by entering the number of squads, riflemen, etc. The calculator is already at work, figuring out your ammo needs. Looks good so far, right?

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<b>STX or EXEVAL?</b>	y
<b>STX/EXEVAL w/ BRADS?</b>	n
<b>LFX?</b>	y
<b># of SQDs</b>	9
<b># of M16 Riflemen</b>	63
<b># of M240B Gunners</b>	6
<b># of M249 Gunners</b>	18
<b># of M203 Gunners</b>	18
<b># of Snipers</b>	0
<b># of Bradleys</b>	0
<b># of .50 Cal</b>	0

<b>DODIC</b>	<b>Description</b>	<b>Required Rounds</b>
A059	5.56 Ball	8190
A063/68	5.56 Tracer	1260
A064	5.56 4x1 Link	5400
A075	5.56 Blank Link	3600
A080	5.56 Blank Link	7560
A111	7.62 Blank Link	2400
A111	7.62 Blank Link	0
A112	7.62 Sniper Blank	0
A131	7.62 4x1 Link	1800
A171	7.62 Sniper	0
A557	.50 Cal 4x1	0
A598	.50 Ca Blank	0
B519	40MM TP-T	324
B535	40MM WSP	90
G878	Grenade Fuze	72
G940	Green Smoke	9
G945	Yellow Smoke	18
G950	Red Smoke	9
G955	Violet Smoke	9
G982	HC Smoke	9
K143	Claymore	9
L305	Green Star	9
L307	White Star	9
L312	White Para	9
L311	Red Star	9
L314	Green Para	9
L367 (AT-4)	ATWESS	54

Now we have to go back to the M16 page and add the A059 needed there to the A059 needed on this page, and so forth and so on for each DODIC. Not to fear, the work is done for you! Go to the Total Request sheet, and there it is:

<b>2-2 INF Total Ammunition Request</b>								
<b>Date Forecasted:</b>			<b>Date Requested:</b>			<b>Required Delivery Date:</b>		
<b>DODIC</b>	<b>Description</b>	<b>QUAL</b>	<b>LFX/BT XII</b>	<b>STX/BT XI</b>	<b>Additional</b>	<b>Subtotal</b>	<b>10%</b>	<b>TOTAL</b>
A059	5.56 Ball, M16A2	10880	8190			19070	1907	20977
A062	5.56 Ball, SAW	0				0	0	0
A063	5.56 Tracer, M16A2	0	1260			1260	126	1386
A064	5.56 Tracer, SAW	0	5400			5400	540	5940
A075	5.56 Blank, SAW			3600		3600	360	3960
A080	5.56 Blank, M16A2			7560		7560	756	8316
A111	7.62 Blank, M60 MG			2400		2400	240	2640
A112	7.62 Blank (Sniper)			0		0	0	0

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A131	7.62 Linked, 4x1, M60 MG	0	1800			1800	180	1980
A143	7.62 Ball, M60 MG	0				0	0	0
A146	7.62 Tracer, M60 MG	0				0	0	0
A171	7.62 Match Grade	0	0			0	0	0

This Totals sheet gets all of its information from the other 16 sheets in the workbook, and does the math for you. It breaks it down by category (Qualification, LFX, STX, and Additional), so that you know where that ammunition is being spent. The Additional column was basically an afterthought. Its purpose is to allow you to “bump up” the round count, if you feel like STRAC just isn’t doing enough for you this time around. There are no specific events tied to it, you just put in a number, and once again, the spreadsheet does the rest. Notice once again that you have a Subtotal (straight numbers, no 10%), the 10% column, and then the 2 combined. All of the Class V you will need for those events mentioned are now resourced, and you can do an entire gunnery in about the same amount of time it took you to read this far into the article.

A beautiful thing about this workbook is the password protection. The only cells that can be manipulated by anyone are the ones that require the number of firers and the “y” or “n” entries. I have “field tested” this calculator within my battalion: I gave it to my S-4 and all of my company MG’s and XO’s, and told them to find mistakes and try to break the code. They couldn’t break the code, and periodically come to me with glitches in the formulas. Most, if not all, have been worked out. I have my companies use this now to forecast their ammunition for future training events, and provide me a digital copy of the workbook they used, so I can verify their work (this has proven useful already, as one of my companies tried to alter some numbers).

The down side to the password protection is that as of this writing, I know of only two people that have that password, other than me. So here is what I will do: If you find a glitch or problem with my workbook, email me at the address below, explaining the problem. I will fix the problem and shoot you a new copy. I expect I’ll get a lot of email, but that’s what comes with the job. That’s it for now, good luck, and happy forecasting!

SSG Ray Zumwalt  
 2-2 Infantry Master Gunner  
 ray.zumwalt@us.army.mil

[Download Ammo Calculator](#)



# TADSS

*With*

**SFC Butch Cady**

**Senior Master Gunner (National  
Guard)**

**SFC Cady is the Senior Master Gunner for the National Guard Liaison at Ft. Benning. SFC Cady was an instructor for the Master gunner Course and is an experienced master gunner. Here he gives us an update on NG TADSS.**

## **Advanced Bradley Full Crew Interactive Skills Trainer (AB-FIST)**

**SFC Cady, Senior Bradley Master Gunner – ARNG**

The AB-FIST program is an Appended Trainer for the M2A2 or M2A2 (ODS) Bradley Fighting Vehicle (BFV) for the purpose of providing a range of training beginning with individual/crew proficiency and ending with full-crew precision gunnery along with networked Section and Platoon gunnery training.



### **Background:**

The AB-FIST was initially an ARNG initiative, driven by the different training challenges within the ARNG Mechanized community. We, the National Guard and the Active Component, have the same training objective, to train and sustain lethal and efficient Bradley Crews, Sections and Platoons. But in the

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ARNG we face certain challenges that require a different training approach in order to meet the same standard.

The first and most critical challenge that we face is Time. We are only allocated 39 training days annually, which equates to approximately 1 training day to the Active Components 9 days of training. Identifying Unit strengths and weaknesses is imperative to ensure our soldiers are trained on the skills they are lacking. This is the same approach utilized by an Active Component Master Gunner, but now due to the time constraints, it is even more critical.

The second challenge we face is Distance. The average distance between an ARNG Company and HQ unit is approximately 100 miles and the average distance between an ARNG BN HQ and Major Training Areas is nearly 300 miles. This equates to a unit spending valuable training time traveling to and from training, time, which they cannot recover.

**With these two challenges in mind, training at a unit's homestation is imperative to maximize training time. Utilization of simulations to sustain strengths and train weaknesses is essential to ensure our crews maintain the standard. The only simulator organic to a Battalion is the M-COFT. The current COFT Basis of Issue Plan (BOIP) is 1 M-COFT per Battalion/Squadron, which is normally located at the Battalion Headquarters or a major training area. This BOIP will not support the needs of the ARNG. DA PAM 350-38 recommends 4 hours per crew per month in the COFT. At best, a Battalion may be able to train 5-6 crews during their monthly drill. This leaves 39 crews who will not have the time available to complete their recommended training time.**

These crews could feasibly attain this by training during the week in an RMA status, but this requires additional funding. In order to train 39 crews in an RMA status, a Battalion would spend approximately \$11,000 dollars additionally a month. With funding constraints, this is not an option.

To alleviate this problem and provide training to the entire crew (including the driver), a new system had to be developed. The South Carolina ARNG (SCARNG) took the lead and developed a system known as the FIST-B. These systems were only fielded to the SCARNG and were utilized in addition to the COFTs that were already issued. The AARs from these units showed a marked

### **Background (continued):**

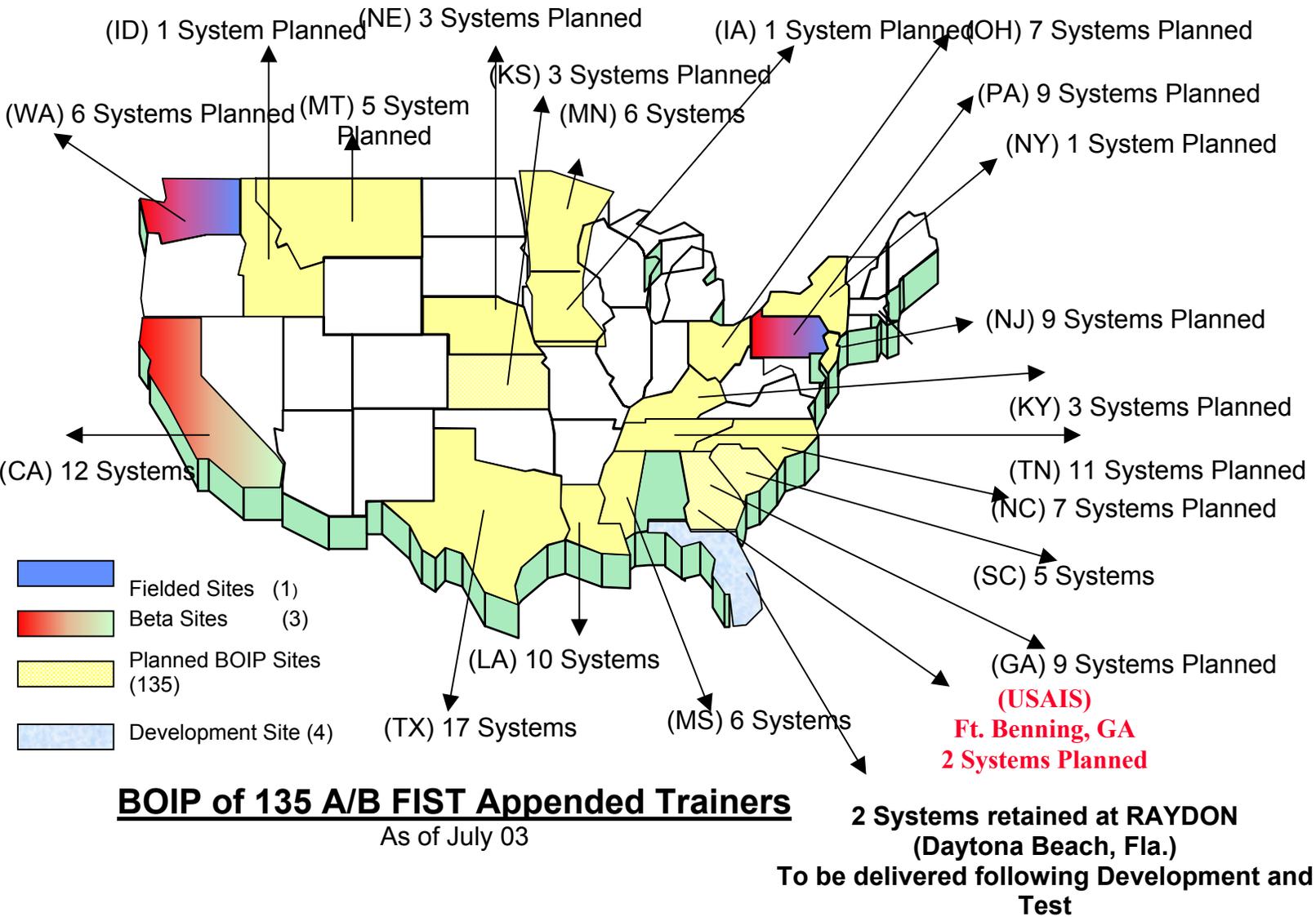
improvement in gunnery scores over the previous years of using only the COFT for training.

After the positive quantifiable results of the FIST-B utilization, National Guard Bureau initiated a plan to develop a new system, using the FIST-B as a baseline, and designated it the AB-FIST. This plan included the USAIS into all phases of development, thereby ensuring that this is an **Army Device, not just**

**an ARNG device.** The ARNG will be the main user of the AB-FIST, but the Active Component would have the option to utilize this system in a forward deployed area where a COFT pad and associated power are not feasible.

**Basis of Issue Plan (BOIP):**

The BOIP for this system is 1 per BFV equipped company/troop, which would provide each battalion 4 separate precision gunnery trainers (1-MCOFT and 3-AB-FIST systems). This ensures that each company would be able to maximize their simulation training while remaining at Homestation. 135 systems are to be fielded; enough for each BFV equipped Company/Troop in addition to Regional Training Institutes that support mechanized training. Below is an illustration of the current fielding plan, this is subject to change due to units that are stood up or deactivated.



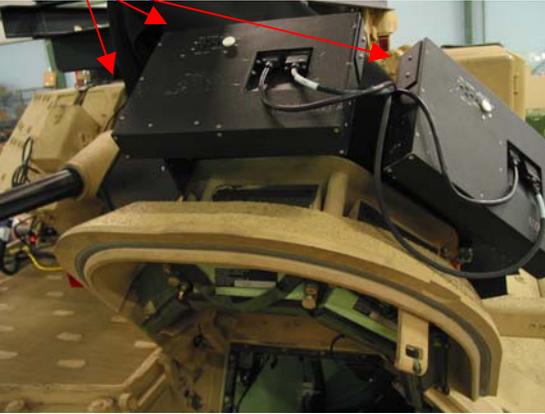
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## Components:

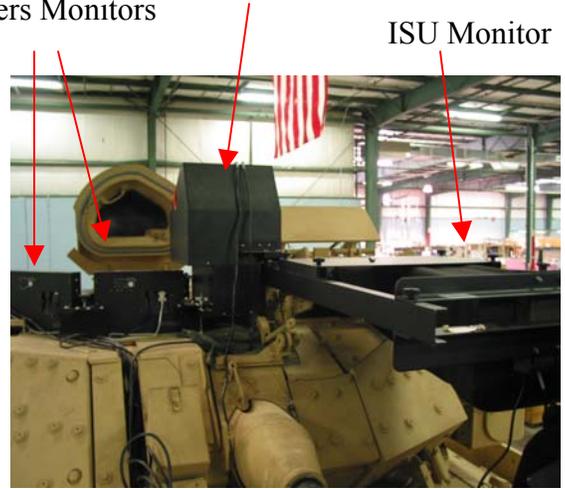
The following major components comprise the AB-FIST:

- a) Vehicle Unique Appended Equipment
  - \*There are several more appended pieces than displayed below, do not currently have pics of others.
- b) Crew Station Interface Computer (CSIC)
- c) Instructor Operator Station (IOS)

Drivers Monitors



Commanders Monitors



ASU Monitor

ISU Monitor

## Vehicle Unique Appended Equipment

## Crew Station Interface Computer (CSIC)

## Instructor Operator Station (IOS)



IOS Situation Monitor



## **Current Status.**

An Integrated Product Team (IPT) was assembled to ensure this system would meet the training needs of all BFV crews, both ARNG and AC. This IPT consists of members from the NGB, USAIS, PM BFV, PEO-STRI, ARI and RAYDON (the company developing the system). The goal of this IPT is to gain the approval and authorization of Chief of Infantry, BG (P) Freakley for units to train with the AB-FIST as an Army precision gunnery trainer in lieu of COFT.

TSM Bradley, USAIS and the members of the IPT directed the Army Research Institute (ARI) to conduct an independent test, comparing the AB-FIST with the current COFT system. This was conducted during the week of 14-18 July 03. ARI's determination was that the AB-FIST met or exceeded the COFT in all areas applicable to training.

A Subject Matter Expert (SME) team was also assembled to ensure all aspects of the AB-FIST met the standard and the vehicle operation was as close as possible to an actual BFV. The SME team is comprised of several experienced Master Gunners from the following organizations: NGB, DOT-USAIS, TSM-S/B, and the 29<sup>th</sup> Infantry Regiment, USAIS (BPO, MG Branch).

NGB has directed an "interim fielding" of these systems, one to the Infantry School and two to South Carolina. The system assigned to the Infantry School will be in place prior to the Infantry Conference in September 03. The other two systems will be in place NLT October 03. These will be the only systems fielded prior to the Government Acceptance Test (GAT) currently Scheduled for 3d Qtr 04.

## **Benefits.**

In addition to meeting the same training objectives as the COFT systems, the AB-FIST offers advantages that the COFT trainer does not. Some of these include:

1. Immersive training environment (in the real vehicle). The crewmembers have the advantage of sitting in the actual vehicle, with all the physical conditions and constraints of the BFV itself.
2. Full Crew Capability (Driver Functionality). The AB-FIST trainer includes the driver in the crew training, allowing the crew to train together in crew interaction and target acquisition responsibilities, just as they would on the range and in combat conditions.

**Benefits (Continued).**

3. Graphical User Interface (GUI). Due to advances in computer technology over the past 20 years, the Instructor/Operator's user interface is much improved, displaying graphical data in an easy-to-read format.
4. Increased terrain complexity and more challenging Target Acquisition. Technical improvements allow more complex terrain, more detailed models, and a more varied and unpredictable target environment.
5. Urban Database.
6. Greater deployability enhancing force mobility. The appended nature of the AB-FIST trainer allows the trainer to be transported and deployed more easily and economically than the COFT trainers. Additionally, the AB-FIST trainers can function in a greater range of operating environments, including using power from an electrical generator.
7. Interoperability (platoon networking). The AB-FIST trainers will be able to be networked to perform section and platoon training.
8. Special effects (Smoke, particle effects, dust, rain, etc.). Newer image generation technology allows improvements in special effects, as well as other features related to IG capacity.
9. Decreased power consumption and maintenance costs. Estimated annual support cost (COFT = \$32K AAA Audit, AB-FIST <\$5K [A-FIST History])
10. Greater library of targets including the following new targets:
  - Coalition (friendly) version of T-72
  - IAV vehicle
  - BMP-3
11. Greater number of simultaneously active targets.
12. More system flexibility for the I/O to identify and train specific crew shortfalls using Group 0. Group 0 is now menu-driven, select-by-content format, so the instructor can customize a training program for his crews, based on their individual strengths and weaknesses.

**Benefits (Continued).**

13. Selectable exercise attributes and malfunctions when training non-computer recommended exercises.
  - AP Ammo Type
  - TOW Type
  - Battlefield Conditions
  - Summer/Winter Conditions
  - Seven Visibility Conditions
  - Ammo Load (AP Heavy/HE Heavy)
14. Quick and easy viewing of exercise preview information
15. Enhanced crew record tracking, all records can be downloaded to exportable media (CD-RW or 1.44 Floppy Disk)
16. Several innovative overlays that add realism and training effectiveness such as a manual safe, BPI, Azimuth and Elevation mil readings, transmission select lever, etc.
17. Utilizes Commercial Off The Shelf (COTS) equipment that is easy to maintain, upgrade or replace when better technology becomes available.
18. Utilizes 110V power with a 30 Amp breaker. This is a relatively inexpensive and minor modification.

**Overall.**

In my personal opinion, I have yet to see a better gunnery-training device for the Bradley Fighting Vehicle. It can never, as with any simulation, replace the training provided by actually sending bullets downrange. But this system will better prepare our mechanized soldiers for gunnery and eventually combat by allowing us to train and sustain to a point that no simulator has been able to up to this point. The bottom line – it will effectively train our soldiers.

**POC**

Any questions pertaining to this system please email either SFC Cady, Senior Bradley Master Gunner – ARNG at [cadyh@benning.army.mil](mailto:cadyh@benning.army.mil) or 1SG Gilliam. NCOIC, SME Team at [leon.gilliam@sc.ngb.army.mil](mailto:leon.gilliam@sc.ngb.army.mil).



# MASTER GUNNER GRADUATES

HERE ARE YOUR RECENTLY GRADUATED J3"s!

## Class 2-03

SSG	ASTORGA	SESILIO	11B	E CO 2/11 ACR	CALIFORNIA
SSG	BUCHAN	RAYMOND	11B	A CO 1/18	GERMANY
SSG	COLLINS	WILLIAM	11B	A CO 1/29	GEORGIA
SSG	GELLER	TERRY	11B	A CO 1/29	GEORGIA
SSG	GRAY	ANTHONY	11B	NETC 1/29	GEORGIA
SSG	JACOB	JOSEPH	11B	A CO 1/16	KANSAS
SSG	JONKER JR.	DENNIS	11B	E CO 211 ACR	CALIFORNIA
SSG	MCDONALD	SHAWN	11B	NETC 1/29	GEORGIA
SSG	MCINROY	MIKEAL	11B	A CO 1/16	KANSAS
SGT	MOUNLASY	KHAMBAAO	11B	A CO 1/29	GERMANY

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<b>SSG</b>	<b>NAVARRO</b>	<b>RAMON</b>	<b>11B</b>	<b>C CO 2/2</b>	<b>GERMANY</b>
<b>SSG</b>	<b>PLUMMER</b>	<b>KLENT</b>	<b>11B</b>	<b>A CO 1/29</b>	<b>GEORGIA</b>
<b>SSG</b>	<b>ZANDERS</b>	<b>LARRY</b>	<b>19D</b>	<b>HHT 5-15 CAV</b>	<b>KENTUCKY</b>

**Class 3-03**

<b>SSG</b>	<b>ACKERMAN</b>	<b>JAMES</b>	<b>11B</b>	<b>C CO., 2-2 INF</b>	<b>Vilseck</b>
<b>SSG</b>	<b>ADAME</b>	<b>ADOLFO</b>	<b>11B</b>	<b>C Co., 1/26 IN.,</b>	<b>Schweinfurt</b>
<b>SSG</b>	<b>COOKLIN</b>	<b>NICHOLAS</b>	<b>11B</b>	<b>C Co., 1/18 IN.</b>	<b>Schweinfurt</b>
<b>SSG</b>	<b>DUFFIE</b>	<b>TERENCE</b>	<b>11B</b>	<b>A CO., 1-5 CAV</b>	<b>Fort Hood</b>
<b>SSG</b>	<b>GREENWELL</b>	<b>FREDRICK</b>	<b>12B</b>	<b>C CO., 91ST EN BDE</b>	<b>Fort Hood</b>
<b>SSG</b>	<b>HARDY</b>	<b>JOSEPH</b>	<b>19D</b>	<b>C CO., 1-4 CAV</b>	<b>Schweinfurt</b>
<b>SSG</b>	<b>HICKS</b>	<b>MATTHEW</b>	<b>14R</b>	<b>B CO., 4-3 ADA</b>	<b>Kitzingen</b>
<b>SSG</b>	<b>HOELZER</b>	<b>AARON</b>	<b>11B</b>	<b>GTRP 2/11</b>	<b>Fort Irwin</b>
<b>SSG</b>	<b>JESKE</b>	<b>CHRISTOPHER</b>	<b>11B</b>	<b>HQ 1/16TH INF</b>	<b>MT Pleasant</b>
<b>SSG</b>	<b>KNICELY</b>	<b>BRANDON</b>	<b>11B</b>	<b>A CO., 2-2 INF</b>	<b>Vilseck</b>
<b>SSG</b>	<b>MCKENZIE</b>	<b>ALFRED</b>	<b>11B</b>	<b>C CO., 1/29 IN</b>	<b>Fort Benning</b>
<b>SSG</b>	<b>MCQUERY</b>	<b>MICHAEL</b>	<b>11B</b>	<b>B CO., 1/5 CAV</b>	<b>Fort Hood</b>

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<b>SSG</b>	<b>POLK</b>	<b>RONALD</b>	<b>19D</b>	<b>B CO., 1/4 CAV</b>	<b>Schweinfurt</b>
<b>SSG</b>	<b>RODRIGUEZ</b>	<b>MICHAEL</b>	<b>12B</b>	<b>A CO., 8TH EN BDE</b>	<b>Fort Hood</b>
<b>SSG</b>	<b>SMITH</b>	<b>RICKY</b>	<b>12B</b>	<b>B Co., 91 EN.</b>	<b>Fort Hood</b>
<b>SSG</b>	<b>TUCKER</b>	<b>ALVIN</b>	<b>11B</b>	<b>E CO., 2/11 ACR</b>	<b>Fort Irwin</b>
<b>SSG</b>	<b>WALDRIP</b>	<b>KEVIN</b>	<b>11B</b>	<b>C CO., 1-5 CAV</b>	<b>Fort Hood</b>
<b>SSG</b>	<b>ZELLER</b>	<b>JUSTIN</b>	<b>11B</b>	<b>A CO., 2-5 CAV</b>	<b>Fort Hood</b>

**A3 Class 1-03**

<b>SSG</b>	<b>BARBIN</b>	<b>ANTHONY</b>	<b>11B</b>	<b>C CO 1/29</b>	<b>FORT BENNING</b>
<b>SSG</b>	<b>IVEY</b>	<b>JEFFERY</b>	<b>11B</b>	<b>BPO 1/29</b>	<b>FORT BENNING</b>
<b>SFC</b>	<b>MCCLURE</b>	<b>CHARLES</b>	<b>11B</b>	<b>A CO 1/29</b>	<b>FORT BENNING</b>
<b>SFC</b>	<b>SUDA</b>	<b>EARL</b>	<b>11B</b>	<b>B CO 1/29</b>	<b>FORT BENNING</b>
<b>SSG</b>	<b>TUCKER</b>	<b>DEMETRIC</b>	<b>11B</b>	<b>B CO 1/29</b>	<b>FORT BENNING</b>
<b>SSG</b>	<b>TURNER</b>	<b>EARL</b>	<b>11B</b>	<b>B CO 1/29</b>	<b>FORT BENNING</b>

**A3 Class 2-03**

<b>SSG</b>	<b>QUEEN</b>	<b>DOUGLAS</b>	<b>11B</b>	<b>ACO., 2-7 CAV</b>	<b>FT HOOD</b>
<b>SSG</b>	<b>PAYNE</b>	<b>DAVID</b>	<b>11B</b>	<b>HQ 2- 7 CAV</b>	<b>FT HOOD</b>
<b>SSG</b>	<b>SALAZAR</b>	<b>ARMANDO</b>	<b>11B</b>	<b>A CO., 1-9 CAV</b>	<b>FT HOOD</b>

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<b>SGT</b>	<b>BRUCE</b>	<b>CHRISTOPHER</b>	<b>11B</b>	<b>A CO., 1-9 CAV</b>	<b>FT HOOD</b>
<b>SFC</b>	<b>MORGAN</b>	<b>ALFRED</b>	<b>11B</b>	<b>C CO. 2-7 CAV</b>	<b>FT HOOD</b>
<b>SSG</b>	<b>MACHUCA</b>	<b>PAUL</b>	<b>11B</b>	<b>B CO., 2-7 CAV</b>	<b>FT HOOD</b>
<b>SSG</b>	<b>BRAUN</b>	<b>VINCENT</b>	<b>11B</b>	<b>HQ 1- 5 CAV</b>	<b>FT HOOD</b>
<b>SSG</b>	<b>BOURDON</b>	<b>ELVIS</b>	<b>11B</b>	<b>D CO., 1-9 CAV</b>	<b>FT HOOD</b>
<b>SSG</b>	<b>HEYGOOD</b>	<b>STACEY</b>	<b>11B</b>	<b>C CO. 1-9 CAV</b>	<b>FT HOOD</b>
<b>SSG</b>	<b>TALIAFERRO</b>	<b>MARC</b>	<b>11B</b>	<b>HQ 1- 9 CAV</b>	<b>FT HOOD</b>
<b>SSG</b>	<b>SPANN</b>	<b>TONY</b>	<b>11B</b>	<b>C CO. 2-7 CAV</b>	<b>FT HOOD</b>



## THE FINAL SAY

*With*

**SFC Kenneth Killingsworth  
BFV Master Gunner Branch Chief,  
Senior Instructor/Writer**

**SFC Killingsworth, the Master Gunner Branch Chief speaks out, on some important information.**

This quarter has been a little slower for us than the last. We had to cancel course 4-03 for M2A2ODS Master Gunner School to include course 3-03 for A3 Master Gunner School based off of low student loads. I hope you find this quarters newsletter useful as we have provided you with a few documents we hope will make things easier on you in the field. Would like to personally thank SSG Zumwalt for taking time out of his schedule to write a story and sharing a document he uses for managing ammunition with the rest of us. We have all seen these type of spread sheets before but his is much more detailed than most I have seen. SSG Zumwalt is doing a fantastic job as a MG out in the field and his deeds are earning him recognition in the MG community. Any and all stories are welcome from around the globe on any topic.

On another note, I would like to notify everyone that course loads are now picking up and I project classes being much larger in the near future so please identify candidates early so they can be scheduled in ATRRS while seats are still available.

This will be my last newsletter as the Branch Chief as I am being reassigned to 3<sup>rd</sup> ID. SFC Doucet is my replacement and can be contacted using the mail from the filed link on the web page. Finally, I would like to thank everyone for your support over the last 18 months and I look forward to seeing you all at the Infantry Conference during the Master Gunner Forum

Take Care,  
SFC K