

STATEMENT OF WORK
FOR
THE MK19 MOD 3 GMG MODIFICATIONS

1. Scope.

This statement of work applies to MK19 Mod 3 GMG's that are shipped in place at General Dynamics, or fully assembled weapons coming off the production line, until the ECP L1S2068 is implemented into the current production contract. The Contractor shall modify the MK19 to include, but not limited to, mod kit installation, bolt timing, safety wire installation on bolt sleeves, receiver marking, and MK19 GMG functional check.

2. Requirements.

2.1 General.

2.1.1 MaTech will provide the modification kit parts as listed below to GDAS for installation into the MK19 GMG's specified in paragraph 1. These parts are to include the following:

PARTS	P/N
Cam, cocking	12997552
Cocking Lever	12997553
Firing Pin	12997554
Firing Pin Sear	12997556
Mounting base	12993610

2.1.2 GDAS will supply the Bolt, Machine, P/N AN4-4A. Secondary Drive Lever, P/N 12997788, will be provided as GFM under contract DAAE30-01-C-1064.

2.1.3 Modification kit parts provided as GFM shall be inspected IAW paragraph 4.7 of ISO 9001.

2.2 Modification:

2.2.1 The contractor shall install above modification kit, to MK19 GMG. After modification, the bolt assembly will be timed IAW drawing number

3269401. Prior to installing the mounting base onto the receiver, apply locking compound, MIL-R-46082, type III to the threads. Using "-" and letter "M" punch, add "-M" after PN 3269400 on the receiver and touch up the stamped area with solid film lubricant, MIL-L-46147. Install safety wires on bolt sleeves.

- 2.2.2 Adjust feed slide assembly using an appropriate adjustment process, which may include the use of the feed slide adjustment tool.
- 2.2.3 Perform dry cycle functional check and assure that firing pin is released when trigger is pressed with the safety in "F" position. Visually inspect to assure protrusion of the firing pin.
- 2.2.4 Perform functional testing requirements on each modified MK19 GMG in accordance with the contractual Firing Test Schedule Attachment 002 (d) only - 5 rounds/gun (cyclic rate).
- 2.2.5 Quarterly reliability test weapon (representing April - June production) shall be randomly pulled from weapons containing GFM.
- 2.2.6 The first 200 each of the following parts removed from the Mk19 GMG shall be individually packaged IAW their corresponding Packaging Data Sheets and returned to supply **New Cumberland: AN5/W25G1U** as spare parts:

PARTS	NSN	P/N
Cocking Lever	1010-01-158-1195	3269443
Firing Pin	1010-01-122-9675	3269456
Firing Pin Sear	1010-01-122-9677	3269467
Secondary Drive Lever	3040-01-133-6981	3269412

The remaining parts shall be packaged together in best commercial packaging standard and shipped to:

Commander, TACOM-RI
ATTN: AMSTA-LC-CSIH (Ms. Asleson)
Bldg 110/2nd floor/SW wing

1 Rock Island Arsenal
Rock Island, IL 61299-7630

- 2.2.7 The modified MK19 GMG's shall be repackaged and have the marking "**MK19 MWO Applied**" on packaging. The packaging shall also reflect the new MK19 GMG NSN "1010-01-490-9697" and part number "12997550".