



Knight's Armament Company

7750 9th Street SW
 Vero Beach, FL 32968
 Phone (561) 562-5697 * Fax (561) 569-2955

RAS MRE "More Real Estate" (MRE: Modular Receiver Extension) Part Numbers & Assemblies

RAS MRE (MOD A) with Standard Front Filler Tube is **P/N: 21166-1**

RAS MRE (MOD B) with Optional Front Filler Tube with Rails is **P/N: 21166-2**

MRE Handguard Allows Free-Floating Barrel



5/32" Allen Wrench

Standard Components of (MOD A) P/N: 21166-1

Low-Profile PEQ-2 Mount Nut Plate P/N: 99282

Handguard Pins P/N: 99282

RAS Handguard Nut P/N: 99169

RAS Barrel Nut P/N: 99170



(MOD B) P/N: 21166-2 Supplied with Optional "Rail" Front Filler Tube



Optional Forward Pistol Grip P/N: 987363

Optional 1-Inch Flashlight Mount P/N: 987363

KAC's **Knightscope™**
 Model 007



9-Volt Tactical Light, Mount, & Tape Switch Combo, P/N: 21164

6-Volt Combo, P/N: 21165

June 2001

Digitized by:



RAS MRE Advantages



- * MRE Barrel Nut Rigidly Extends Upper Receiver Rail
- * Top Rail Same Height as Upper Receiver's
 - Interoperable with Current Optics
 - Maintains Current Sighting Plane
- * Provides more "Real Estate" for Accessory Mounting in front of Normal Hand Position.
- * Allows M4A1 Barrel to be Free-Floating:
 - Provides Maximum Barrel Accuracy.
 - Minimizes Heat Transfer from Barrel.
- * Integral Lower Rail and Side Rails provide added Strength for an Enhanced Grenade Launcher Module (EGLM).
- * Upper & Lower Rails reverse for Low-Profile PEQ-2 Mounting well below BUIS Line of Sight.



Available with either Standard or "Rail" Front Filler Tube



Optional Low-Profile
PEQ-2 Mount
P/N: 95326

Machine Gun Feed Cover Tri-Rail Mount

M240

Medium Machine Gun

7.62mm

(aka: MAG 58)

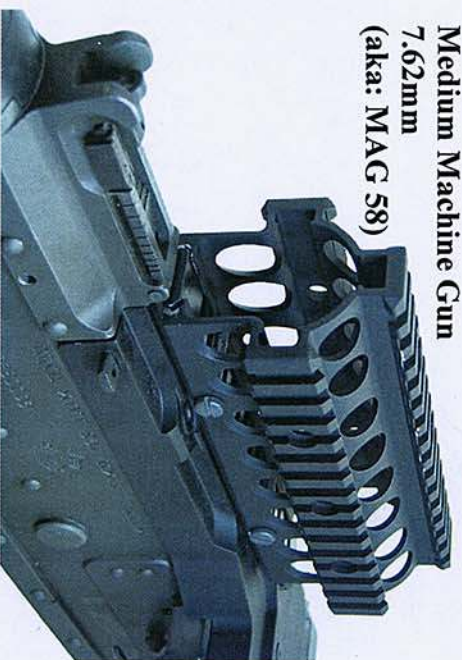
for Feed Covers modified with Picatinny Rails
P/N: 22416

M249

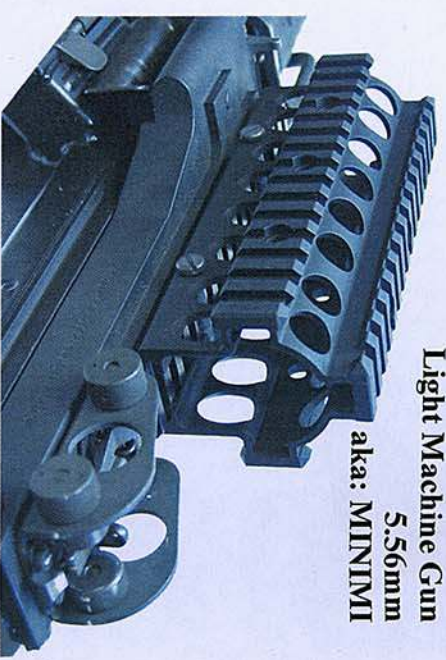
Light Machine Gun

5.56mm

aka: MINIMI



Full use of Iron Sights.



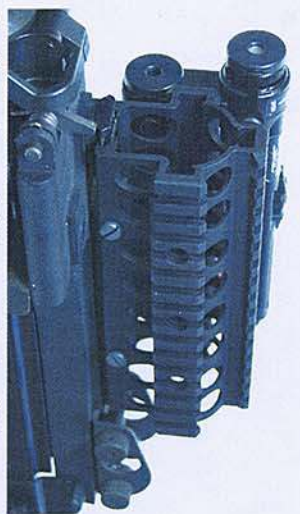
Full use of Iron Sights.



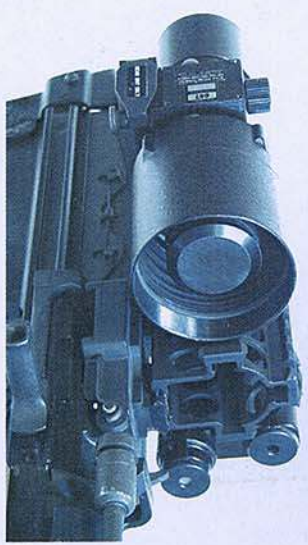
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Simple streamlined design does not require host weapon modification.

Lightweight/High Strength Aluminum Extrusion, "clamps" to host feed cover rail with two screws.



Positions laser sighting controls within easy reach of vehicle mounted gunners.



Lower profile KnightSight™ Mounting.



PEQ-2 IR Pointer/Illuminator
w/KAC Mount P/N: 951107



PAQ-4 IR Pointer w/KAC Mount
P/N: 951107



Simultaneous IR & Visible Lasers



PEQ-5 Visible Laser Pointer



M68 Reflex with KAC Mount
P/N: 99430

This product (as well as the accessory sighting arrangement examples above), were inspired by needs expressed by mounted elements of the US Army's 7th Cavalry at Fort Hood, Texas.

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Knight's Manufacturing Company M4/M16 Free-Floating RAS Forend Assembly Kit Part Numbers:

Note: Each Assembly P/N as listed below comes complete with the appropriate length Free-Floating (FF) RAS Tube, Barrel Nut, Barrel Nut Alignment Pins (2 each), Handguard Nut, and Three 11-Rib Panels. (February 2002)

M4 Handguard Nut P/N: 99169
 M4 Barrel Nut P/N: 99170
 M4 Barrel Nut Pins (2) P/N: 99357

Med-Long RAS Assy. P/N: 20214
 (Approx. 9.35" Long Rails)
 Dealer Complete Kit: \$279.00

Long Rifle RAS Assy. P/N: 99266
 (Approx. 11.27" Long Rails)
 Dealer Complete Kit: \$299.00

Installation Note: These Free-Floating RAS Forends require both the standard front sight and barrel nut assy's to be removed from your barrel prior to RAS installation.

Short M4 RAS Assy. P/N: 20208
 (Approx. 6.19" Long Rails)
 Dealer Complete Kit: \$249.00

Note: Short M4 RAS allows standard front sight to be re-installed.

Optional Low Profile Gas Block
 P/N: 99204, is recommended for the Long or Medium models if the barrel's original gas block/modified front sight is not re-installed. Dealer: \$50.00





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January 2002

Rail Mount for Bolt Action M24 SWS for the Knight's Universal **KnightScope™**





RAS II Advantages:



- * **No Modification to M4A1 Required**
- * **Assembly at User Level with Allen Wrench.**
- * **Allows Barrel to be Free-Floating:**
 - Provides Maximum Accuracy.**
 - Minimizes Heat Transfer.**
- * **Lower Rail is User Removeable:**
 - Allows for Standard SOPMOD M203 QD Attachment.**
 - Provides the User Access for Cleaning.**
- * **PEQ-2 Mounts Well Below Iron Sight Line.**
- * **Uses SOPMOD Standard Back-Up Iron Sight.**
- * **Most Cost Effective "Free-Floating" Design.**
- * **Optional P/N has Integral 600-Meter Folding Rear Sight.**



Optional 600-Meter Fully Adjustable BUIS



RAS II Assembled to M4A1 with Top Filler Rail in place

SOPMOD 300 Meter BUIS remains attached to Upper Receiver Rail



Handguard Panels are available in Brown (as shown here), Tan, Green, or Standard Black.

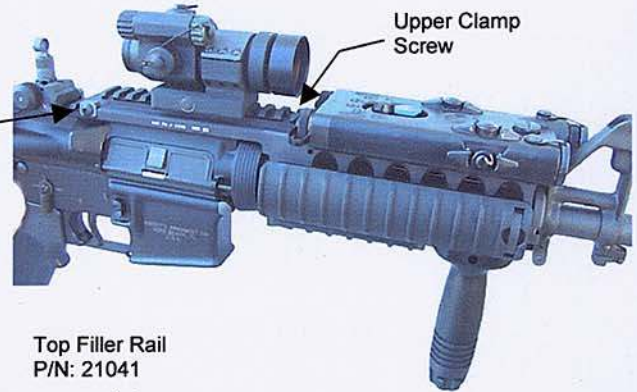


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RAS II Part Numbers & Assemblies

Complete RAS II Assembly is P/N: 21102
 Individual Part Numbers as indicated:



Rear Cross Screw

Upper Clamp Screw

RAS II Handguard Allows Free-Floating Barrel

Upper RAS P/N: 20012F

Upper Clamp Screw P/N: 20220

Threaded Clamp Nut P/N: 20185

Filler Rail Screws (3 each) P/N: 21098

Top Filler Rail P/N: 21041

Lower Rail & Heat Shield Assy. P/N: 20033

Lower Handguard Screw P/N: 97147

Pass-Through Clamp P/N: 20045A

Long Cross Screw P/N: 20219



* Front Sight Tower Sling Swivel & Mount, P/N: 98724.

* Forend Rail Sling Swivel & Mount, P/N: 98720.

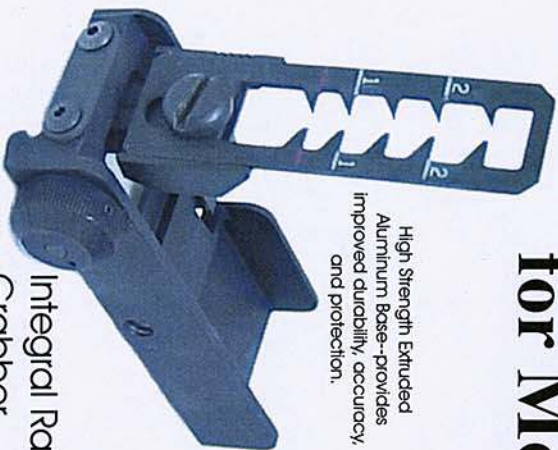
Optional Modular Weapon Accessories:

* MWS Bipod Adapter, P/N: 98060.

* Bipod Model LM, P/N: 20294BR

* Buttstock Sling Swivel & Mount, P/N: 98722

Integral Rail Grabber M203 Grenade Launcher Sights for Modular Weapon Systems (MWS)



High Strength Extruded Aluminum Base--provides improved durability, accuracy, and protection.

Integral Rail Grabber

MWS M203 Leaf Sight P/N: 221109

Specifications:
Weight: 3.65 oz.
Length: 4 inches
Range: 50-250 Meters

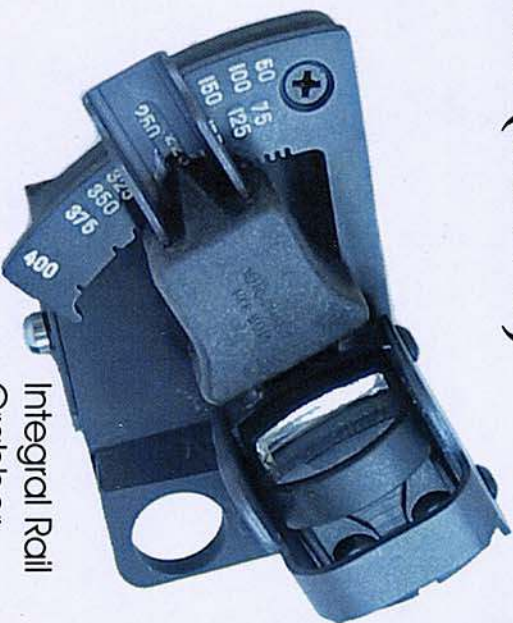
Attaches to Groove:
RIS: T-5
M4 RAS: T-24 / M5: T-38



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Both sights may be
User Installed with common
flat-blade screwdrivers.

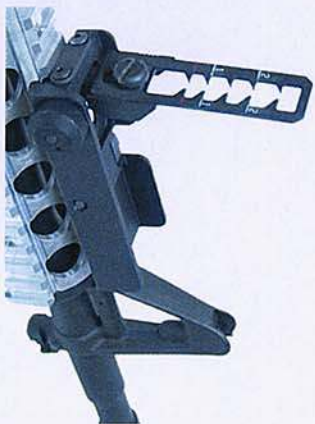
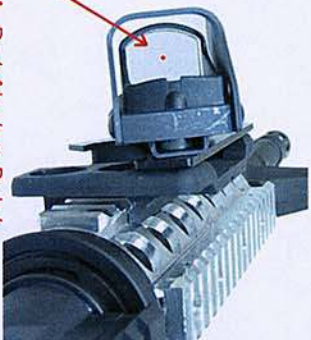


Integral Rail Grabber

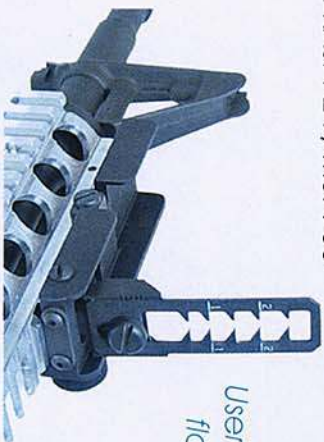
MWS M203 Reflex Quadrant Sight P/N: 21331

Specifications:
Weight: 6.25 oz.
Length: 3.86 inches
Range: 50-400 Meters
Battery Power: 3 Volts
Attaches to Groove:
RIS: L-11 RAS: L-18

Single 8 M.O.A. Dot Aiming Point
for rapid and accurate 1st Round Hits



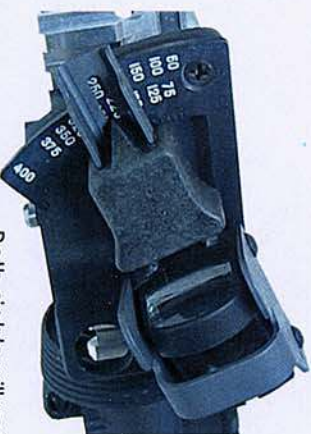
90+ "A2" Style Windage Zero Adjustment Clicks



Standard Elevation Zero Adjustment



Integral Rail-Grabber Base Protects leaf in down position



Both sights will mount simultaneously on RIS or RAS

