



M14/M1A CASM® Product Data Sheet

Specifications:

<u>Product Name:</u>	M14/M1A CASM®
<u>Type:</u>	Mil-spec, Picatinny Rail M14/M1A Scope Mount
<u>Material:</u>	7075 Alloy, Type III Hard Anodized
<u>Color:</u>	Black
<u>OAL:</u>	6.125"
<u>Compatibility:</u>	Fits all M14/M1A family of rifles
<u>Company:</u>	The Upgrade Path Inc. for M14.ca
<u>Address/Tel.:</u>	3925 Garnet Place, Victoria, BC, CANADA, V8P-5G7, tel. (250) 721 3444
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Shipping Components:

- 1 x 7075 alloy with Type III anodising M14/M1A scope mount*
- 2 x 1/4" x 3/4" tapered, self centering flat head sight ear mounting screws*
- 2 x sight ear self-locking set screws*
- 2 x 5/16" flat tipped receiver standoff vertical adjustment self-locking screws*
- 2 x receiver standoff self-locking set screws*
- 1 x "M14 M1A CASM Scope Mount Instruction" sheet*
- 1 x "Engineering and Design Considerations of the M14 M1A CASM Scope Mount," a treatise*
- 1 x Blue Loctite® 243 package*
- 1 x complete replacement set of scope mount replacement machine screws and set screws*

Description:

The M14/M1A CASM® mount replaces the original M1A/M14 rear sight, and uses the much larger, sturdier and more reliably consistent mounting area inside the rear sight pocket, and the solid rear sight ears, rather than using the more common, much smaller stripper clip guide. There is no left side mounting leg required on the scope mount. It is designed to interface with M1A/M14 railed hand-guards, which pre-empt the use of the left side bolt hole mounting point.

The scope mount rail extends from the front of the receiver all the way back behind the rear sight location, resulting in a longer than usual (approx. 6.125") length of Mil-spec Picatinny rail for mounting longer, heavier scopes with greater eye relief adjustability. The under side of this mount is designed specifically to be high enough to avoid the trapped cartridge case jams common with lower designs. The bolt is easily removed for cleaning without removing the mount. The mount is designed with a slight angle down at the front, for optimum scope adjustment at long ranges. The mount attaches securely using a four point mounting system, with larger than usual 1/4" and 5/16" metal allen head screws with a nylon *self-locking feature* for the attachment and adjustments, and more metal allen head screws with nylon self-locking allen head set screws to hold these adjustments secure and solid.

At the sight ears, the main mounting system features *self-centering, self locking, tapered 1/4"* screws with nylon inserts. These tapered screws locate the mount consistently in the center of the rear sight ear holes, and do not mark or damage the windage and elevation serrations on the receiver.

For maximum strength to weight ratio, this mount is CNC milled from a solid piece of 7075 alloy, and finished with Type III hard anodizing. This is a solid and secure mount for your M1A/M14 rifle that will give solid, durable, long term reliability when mounting optics to your rifle.

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