



External Gun Mount System Series

Armament Mounts and Ammunition Handling for H-60 Series Aircraft



EGMS - GM/AHS on CSAR PaveHawk

AT A GLANCE

- Advanced, patented technology
- Fielded in combat since 2003
- Modular design allows freedom of choice
- Investment protection w/ easy migration

Built to meet the most stringent of US military requirements, Contract Fabrication & Design's **External Gun Mount System (EGMS)** is a revolution in mounting capability for your helicopter fleet. Originally developed for the H-60 Series aircraft, this patented, combat-proven system is available in several configurations for greater versatility.

MODULAR DESIGN

CFD's innovative design is intended to deliver maximum flexibility. Modularity of the **EGMS** Series solutions allows for a variety of configurations to fit a multitude of requirements - for both today's needs and growth in the future. It is designed for low dispersion with highly accurate fire capabilities.

The main component of the EGMS Series - the tactical tow plate - installed outside the body of the - aircraft allows you the ability to mount both ammunition cans and armament external to the cabin. This design provides added safety in the event of a mishap, while at the same time freeing up critical internal cabin space. This positioning allows the crew chief/gunner windows to be closed as needed.

The **HCFS** model integrates a high capacity feed system with ammunition cans that hold 2000+ rounds per side - a significant improvement over other systems that only hold 500 rounds per can.

The **GM/AHS** and **FCSS** configurations support rapid, armament configuration changes from .50 cal to 7.62 weapons and back again - allowing the mission commander to have maximum flexibility. Utilization of .50 cal weaponry's effective range provides an increased weapons engagement zone (WEZ), thereby closing the 1700 meter WEZ gap while providing a defensive capability against light armored vehicles and/or



EGMS - HCFS with 7.62 machine gun

their equivalent. Used in conjunction with the rapid-fire CFD M3 .50 cal machine gun, you gain superior defensive capability.



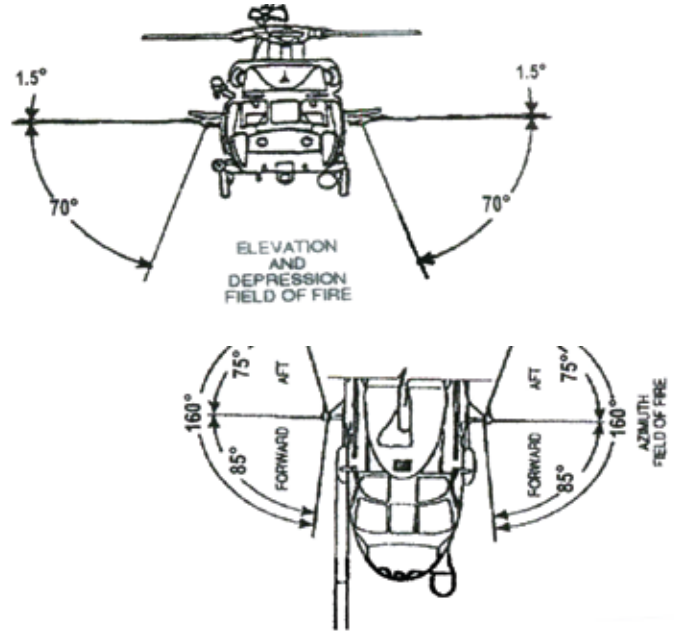
EGMS - FCCS with rocket pod and the rapid-fire CFD M3

The **FCSS** model advances defensive capability even further with the introduction of a secondary weapons store station for missiles and rockets.

OPTIONAL SENSOR MOUNT

The optional sponson sensor mount (SSM) attaches to the tow plate of any EGMS Series system providing a stable platform for forward-looking infrared installations. The SSM can be installed and removed rapidly and easily in the field and is less expensive than other mounting solutions.

Simple integration with the EGMS Series means avoiding costly structural modifications to the airframe. Crucial field of regard is maintained and hard landing survivability is improved in comparison with nose mount installations.



ABOUT CFD

Privately held since 1985, Contract Fabrication & Design, holds more than 36 patents and specializes in the design and manufacture of aircraft/ground mounts for weapons, ammunition handling systems, sensors and other equipment.



Sponson Sensor Mount with FLIR sensor

External Gun Mount System Series Specifications

	HCFS	GM/AHS	FCSS*
Magazine Capacity:	7.62 ----- 2,000 p/side	7.62 ----- 2,700+ p/side .50 cal ----- 600 p/side	7.62 ----- 2,000+ p/side .50 cal ----- 600 p/side
Weight:	xxxx lbs p/side	xxxx lbs p/side	xxxx lbs p/side
Armament Currently Supported:	<ul style="list-style-type: none"> • M240 	<ul style="list-style-type: none"> • Rapid-Fire M3 .50 cal from CFD** • ALE 47 Chaff/Flare Bucket • CFD M3D • GAU-19 • GAU-2 • M2 • M3M • M240 	<ul style="list-style-type: none"> • Rapid-Fire M3 .50 cal from CFD** • ALE 47 Chaff/Flare Bucket • CFD M3D • GAU-19 • GAU-2 • M3M • M240 • 2.75 rockets • DAGR • Hellfire
External Store Station:	No	Yes	Yes
Sponson Sensor Mount:	Yes	Yes	Yes
Armament Options:	<ul style="list-style-type: none"> • GAU-2 • M134 	<ul style="list-style-type: none"> • 2.75 rockets • DAGR • Hellfire 	

All systems can be upgraded to work with Sikorsky Active Vibe System on the H-60 M Model

* Note: FCSS model is awaiting AWR testing
 • Rapid-fire M3 from CFD = 1 100 rpm

For more information visit us at www.cfdintl.com

© Contract Fabrication & Design, LLC 4/10
 All trademarks are property of their respective owners.

