

## MARs FEATURES

- **Air, Land and Sea rapidly reconfigurable system.**
- **Any weapon type, including M240 and M134.**
- **Projection Dome or Helmet Mounted Display.**
- **Optional Motion Platform.**
- **Supports NVG with flip-up HMD.**
- **VBS2 integration by the series' founder.**



The VSS **Mounted Arms Simulator (MARs)** is an immersive, cost effective weapon training solution which allows gunnery to be taught, practiced and assessed in simulated Air, Land and Sea scenarios.

***MARs is currently used by the UK Ministry of Defence.***

The MARs weapon platform supports **land based vehicles, helicopters, naval vessels, or any combination of the three in a single unit**, with the flexibility to change between physical and virtual weapons with minimal effort. Any replica weapon can be supplied or built with any functionality, such as MAG58/M240 with full recoil or M134 Minigun with spinning barrel and removable delinker.

MARs trainees can practice weapon drills whilst learning the application of fire in both training and operational scenarios. Trainees may be taught how to engage, lead and lag targets in a benign environment that offers safety and enormous resource savings.

This modular system supports the widespread VBS2 simulation engine (the series founded by VSS CEO David Lagettie). Missions can be created easily by instructors in any simulated environment in any type of weather or time of day/night, from basic training scenarios up to advanced combined arms operational missions.



## MARs MOUNTED ARMS SIMULATOR

MARs allows substantial savings over traditional gunnery training methods by reducing reliance on physical aircraft, vehicles, personnel, live ammunition, ranges and targetry.

MARs may be deployed with a VSS Dome Screen, VSS High Definition Helmet Mounted Displays (HMDs), or a combination of both (e.g. for maximum NVG immersion).



*For full aircrew training, we recommend the **VSS Complete Aircrew Training System (CATS)**, which offers a range of additional applications beyond door gunnery, including hoisting/wincing, underslung loads, formation flights, CRM and more.*