Introduction

Thank you very much for purchasing Miltech Simulations - Maryadi MV-22B.

The MV-22B is a tiltrotor, VSTOL (Vertical/short takeoff and landing), multi-mission aircraft, developed to fill multi-service combat operational requirements. Its real-life counterpart replaced Marine Corps assault helicopters in the medium-lift category (CH-46E and CH-53D), contributing to the dominant maneuver of the Marine landing force, as well as supporting focused logistics in the days following the commencement of an amphibious operation.

The MV-22B has other variants, such as the CV-22B, developed for the US Air Force. Other variants for the Royal Navy, Anti-submarine Warfare and Search and Rescue have been proposed.

The aircraft is manned by a pilot, copilot, and enlisted aircrew appropriate for the specific service and type of mission being flown. The MV-22B is optimized to transport troops (i.e., 24 combat-equipped Marines, or 10,000 pounds of external cargo) to austere landing sites from aviation-capable amphibious ships and expeditionary forward operating bases ashore. The MV-22B would be capable of flying over 2,100 nautical miles with one aerial refueling, giving the Services the advantage of a Vertical/Short Takeoff and Landing aircraft that can rapidly self-deploy to any location in the world.

The MV-22B is currently operated by the United States Marine Corps (MV-22B), United States Navy (CMV-22B), United States Air Force (CV-22B) and Japan Self-Defense Forces (MV-22B). Israel, India and Indonesia have considered acquiring the aircraft for their own military operations.

Miltech Simulations has partnered with Maryadi, who has been developing the MV-22B for a long time. As product of such collaboration, we now present our rendition of the MV-22B for Microsoft Flight Simulator.

The MV-22B is a very complex and uncommon aircraft. We recommend that the users study this manual prior to flying the aircraft, due to the technicalities that make this aircraft unique. This simulated Flight Manual describes and explains the simulated systems, what to do on your first flight, performance and limitations, and lots of unique MV-22B features and simulated characteristics. It is important to mention that this product will continue to be improved upon and updated for many months, as the implementation of Heli/VTOL aircraft is improved on MSFS. At the time of release, VTOL-operation support is limited, and the aircraft handles according to such limitations.

We hope you enjoy the product,

Maryadi & Miltech Simulations