

VMA(AW)-225 VIKINGS

By no means all-inclusive, this chart was primarily compiled from in-theater photographs and monthly squadron reports, and is provided to show some of the known loadouts used by the Vikings in combat. The Mk.80 bomb series was by far the most used ordnance, in particular the Mk.82. Also used in quantity by the Vikings, but not shown below, were the M59, M66, M117, Mk.36, CBU-49, LAU-69, and Aero 7D. The M66 and M117 were only used by the Vikings in approximately the first half of 1969. The Vikings also had the distinction of taking part in early Laser Guided Bomb (LGB) evaluation from Dec 1970 to Jan 1971. A total of 25 LGBs were dropped during combat missions.

Stations marked '?' are unknown/unconfirmed as a result of either not being visible in photograph or not clear enough to identify.

<i>Refer to description chart located on last page for additional information.</i>				
OUTBOARD	INBOARD	CENTERLINE	INBOARD	OUTBOARD
<u>MER</u> - Mk.81 (LD) x6	FUEL TANK	?	FUEL TANK	<u>MER</u> - Mk.81 (LD) x6
<u>MER</u> - Mk.81 (LD) x6	<u>MER*</u> - Mk.81 (LD) x5	<u>MER</u> - Mk.81 (LD) x6	<u>MER*</u> - Mk.81 (LD) x5	<u>MER</u> - Mk.81 (LD) x6
<u>MER</u> - Mk.82 (LD) x6	<u>MER*</u> - Mk.82 (LD) x5	<u>MER</u> - Mk.82 (LD) x6	<u>MER*</u> - Mk.82 (LD) x5	<u>MER</u> - Mk.82 (LD) x6
<u>MER</u> - Mk.82 (LD) x6	<u>MER*</u> - Mk.82 (LD) x5	- empty -	<u>MER*</u> - Mk.82 (LD) x5	<u>MER</u> - Mk.82 (LD) x6
<u>MER</u> - Mk.82 (LD) x6	FUEL TANK	<u>MER</u> - Mk.82 (LD) x6	FUEL TANK	<u>MER</u> - Mk.82 (LD) x6
<u>MER</u> - Mk.82 (LD) x6	<u>TER*</u> - LAU-10 Zuni pod x2 (w/o nose/tail fairings)	<u>MER</u> - Mk.82 (LD) x6	<u>TER*</u> - LAU-10 Zuni pod x2 (w/o nose/tail fairings)	<u>MER</u> - Mk.82 (LD) x6
<u>MER</u> - Mk.82 (LD) x6 (3x forward w/ 36" fuze extenders)	- empty -	<u>MER</u> - Mk.20 x4 (4x outboard)	- empty -	<u>MER</u> - Mk.82 (LD) x6 (3x forward w/ 36" fuze extenders)
<u>MER</u> - Mk.82 (LD) x6	2000lb LGB	- empty -	2000lb LGB	<u>MER</u> - Mk.82 (LD) x6
<u>TER</u> - Mk.82 (LD) x3	2000lb LGB	- empty -	2000lb LGB	<u>TER</u> - Mk.82 (LD) x3
Mk.84	Mk.84	- empty -	Mk.84	Mk.84
<u>MER</u> R - CBU-24 x3 (2x forward outboard & 1x rear lower)	<u>MER*</u> - Mk.82 (LD) x5	- empty -	<u>MER*</u> - Mk.82 (LD) x5	<u>MER</u> - CBU-24 x3 (2x forward outboard & 1x rear lower)
<u>MER</u> - Mk.82 (HD) x6	<u>MER*</u> - Mk.82 (HD) x5	<u>MER</u> - Mk.20 x4 (4x outboard)	<u>MER*</u> - Mk.82 (HD) x5	<u>MER</u> - Mk.82 (HD) x6
<u>MER</u> - Mk.83 x3 (2x forward outboard & 1x rear lower)	<u>MER*</u> - Mk.83 x3 (1x forward lower & 2x rear outboard)	<u>MER</u> - Mk.83 x3 (2x forward outboard & 1x rear lower)	<u>MER*</u> - Mk.83 x3 (1x forward lower & 2x rear outboard)	<u>MER</u> - Mk.83 x3 (2x forward outboard & 1x rear lower)
<u>MER</u> - Mk.83 x3 (2x forward outboard & 1x rear lower)	<u>TER*</u> - LAU-10 Zuni pod x2 (w/o nose/tail fairings)	<u>MER</u> - Mk.83 x3 (2x forward outboard & 1x rear lower)	<u>TER*</u> - LAU-10 Zuni pod x2 (w/o nose/tail fairings)	<u>MER</u> - Mk.83 x3 (2x forward outboard & 1x rear lower)
FUEL TANK	FUEL TANK	- empty -	FUEL TANK	FUEL TANK

* On an inboard pylon mounted MER/TER, the forward inboard ordnance station was left empty due to potential clearance issues between the ordnance and the main landing gear bay door.

USMC A-6A INTRUDER LOADOUT DESCRIPTIONS

Although thermal protective coating was developed and applied to Navy Mk.80 series of bombs later in the war following the shipboard fires that ravaged several carriers in the Vietnam War, these thermally protected bombs were **not** used by the three land based Marine A-6A squadrons.

NOMENCLATURE	DESCRIPTION
CBU-24	Cluster bomb unit using the SUU-30 dispenser unit (<i>body color: olive drab</i>).
Fuel Tank	Aero 1D 300 gallon external fuel tank with variable tail fin arrangements, typically: Wing mounted tanks - one tail fin angled down. Centerline mounted tank - two tail fins angled 45° down.
Fuze Extender	18" or 36" long extended fuze (aka "daisy cutter") option installed primarily on the Mk.80 series of bombs. The extended fuze initiates bomb detonation above ground level for increased shrapnel/explosive damage.
LAU-10 Zuni pod	4-shot rocket pod with 5" Zuni unguided rockets (<i>pod and nose/tail fairings color: white</i>) Pod can be fitted with either/both aerodynamic nose and tail fairings.
19 shot 2.75" pod	19-shot rocket pod (Aero 7D, LAU-3, LAU-60, LAU-69, etc.) with 2.75" unguided rockets (<i>pod and nose/tail fairings color: white</i>). Pod can be fitted with either/both aerodynamic nose and tail fairings.
M65	1000 pound general purpose bomb (WWII era vintage) - replaced by the Mk.83. Typically only used by the USMC A-6 squadrons in the early deployments.
M66	2000 pound general purpose bomb (WWII era vintage) - replaced by the Mk.84. Typically only used by the USMC A-6 squadrons in the early deployments.
M117	750 pound general purpose bomb (Korean War vintage)
Mk.20	Cluster bomb unit (aka "Rockeye") (body color: white). Primarily used by the USMC A-6 squadrons in the mid/later deployments.
Mk.81 (LD)	250 pound general purpose low drag (LD) bomb (aka "slick").
Mk.81 (HD)	250 pound general purpose high drag (HD) bomb (aka "snake-eye"). High drag tail unit installed consisting of four petals that open following bomb release that retard speed of bomb descent.
Mk.82 (LD)	500 pound general purpose low drag (LD) bomb (aka "slick").
Mk.82 (HD)	500 pound general purpose high drag (HD) bomb (aka "snake-eye"). High drag tail unit installed consisting of four petals that open following bomb release that retard speed of bomb descent.
Mk.83	1000 pound general purpose bomb. Only maximum of a three could be loaded on a MER and in a staggered arrangement.
Mk.84	2000 pound general purpose bomb. Only mounted directly on the aircraft pylon (not on a MER).
MER	Multiple Ejector Rack (MER) - enables the carriage of up to six stores depending on ordnance. When the MER was mounted on an inboard pylon, the forward inboard station of the MER was left empty due to potential clearance issues between the ordnance and the main landing gear bay door. The M117, Mk.20, Mk.81, Mk.82, and Mk.83 were typically mounted to the MER.
TER	Triple Ejector Rack (TER) - enables the carriage of up to three stores. When the TER was mounted on an inboard pylon, the forward inboard station of the TER was left empty due to potential clearance issues between the ordnance and the main landing gear bay door. The Mk.81, Mk.82, and 2.75"/5" rocket pods were typically mounted to the TER.