

**VMFA-314 Black Knights Loadouts**

By no means all-inclusive, the loadouts below were primarily compiled from in-theater photographs and is provided to show some of the known loads used by VMFA-314 during the Vietnam War. The Mk.82 bomb was the most used ordnance, both being used in either low drag ("slick") or high drag ("snake-eye") configurations. Fuze extenders, primarily 36" extension, known as "daisy cutters" were also occasionally utilized on the bombs.

NOTE: Ordnance did not have the rough thermal ablative coating that was eventually introduced later in the war (the ablative coating was indicated by two yellow stripes rather than single stripe).

Those marked with '?' are unknown/unconfirmed because of either not being visible in photograph or not clear enough to identify.

| RIGHT OUTBOARD PYLON  | RIGHT INBOARD PYLON                              | RIGHT FUSELAGE WELLS |         | CENTERLINE   | LEFT FUSELAGE WELLS |         | LEFT INBOARD PYLON                               | LEFT OUTBOARD PYLON   |
|---|--|----------------------|---------|--|---------------------|---------|--|---|
|   |  | REAR                 | FRONT   |  | FRONT               | REAR    |  |   |
| MER<br>Mk.77 x3<br>(Front Outboard, Left Outboard, & Rear Lower Stations)               | TER<br>Mk.77 x2<br>(Outboard & Lower Stations)   | (empty)              | (empty) | Mk.4 HIPEG   | (empty)             | (empty) | TER<br>Mk.77 x2<br>(Outboard & Lower Stations)   | MER<br>Mk.77 x3<br>(Front Outboard, Left Outboard, & Rear Lower Stations)               |
| MER<br>Mk.81 x6   | TER<br>Mk.81 x3                                  | (empty)              | (empty) | MER<br>Mk.81 x6  | (empty)             | (empty) | TER<br>Mk.81 x3                                  | MER<br>Mk.81 x6   |
| MER<br>Mk.81 x5<br>(Front Outboards, Front Lower, Rear Outboard, & Lower Stations)      | TER<br>Mk.81 x3                                  | (empty)              | (empty) | MER<br>Mk.77 x3<br>(Front Sides & Rear Lower Stations) | (empty)             | (empty) | TER<br>Mk.81 x3                                  | MER<br>Mk.81 x5<br>(Front Outboards, Front Lower, Rear Outboard, & Lower Stations)      |
| MER<br>AN-M81 x4<br>(Front Outboard, Front Lower, Front Inboard, & Rear Lower Stations) | TER<br>LAU-3 x2<br>(Inboard & Outboard Stations) | (empty)              | AIM-7E  | 600 Gallon Fuel Tank                                   | AIM-7E              | (empty) | TER<br>LAU-3 x2<br>(Inboard & Outboard Stations) | MER<br>AN-M81 x4<br>(Front Outboard, Front Lower, Front Inboard, & Rear Lower Stations) |
| MER<br>Mk.77 x3<br>(Front Outboard, Front Lower, & Rear Lower Stations)                 | TER<br>LAU-3 x2<br>(Inboard & Outboard Stations) | (empty)              | AIM-7E  | 600 Gallon Fuel Tank                                   | AIM-7E              | (empty) | TER<br>LAU-3 x2<br>(Inboard & Outboard Stations) | MER<br>Mk.77 x3<br>(Front Outboard, Front Lower, & Rear Lower Stations)                 |
| MER<br>Mk.81 x? (at least 3)<br>(Front Stations)  | TER<br>LAU-3 x2<br>(Inboard & Outboard Stations) | (empty)              | AIM-7E  | 600 Gallon Fuel Tank                                   | AIM-7E              | (empty) | TER<br>LAU-3 x2<br>(Inboard & Outboard Stations) | MER<br>Mk.81 x? (at least 3)<br>(Front Stations)  |

| RIGHT OUTBOARD<br>PYLON  | RIGHT INBOARD<br>PYLON   | RIGHT FUSELAGE WELLS |                | CENTERLINE  | LEFT FUSELAGE WELLS |                | LEFT INBOARD<br>PYLON  | LEFT OUTBOARD<br>PYLON   |
|--|--|----------------------|----------------|---|---------------------|----------------|--|--|
|  |  | REAR                 | FRONT          |   | FRONT               | REAR           |  |  |
| MER<br>AN-M81 x4<br><i>(Front Outboard, Front<br/>Lower, Front Inboard, &amp;<br/>Rear Lower Stations)</i> | TER<br>LAU-10 x2<br><i>(Inboard &amp; Outboard<br/>Stations)</i>   | <i>(empty)</i>       | <i>(empty)</i> | 600 Gallon Fuel Tank  | <i>(empty)</i>      | <i>(empty)</i> | TER<br>LAU-10 x2<br><i>(Inboard &amp; Outboard<br/>Stations)</i>   | MER<br>AN-M81 x3<br><i>(Front Outboard, Front<br/>Lower, Front Inboard, &amp;<br/>Rear Lower Stations)</i> |
| 370 Gallon Fuel Tank   | TER<br>Mk.81 x3  | <i>(empty)</i>       | <i>(empty)</i> | MER<br>Mk.81 x6   | <i>(empty)</i>      | <i>(empty)</i> | TER<br>Mk.81 x3  | 370 Gallon Fuel Tank   |
| 370 Gallon Fuel Tank   | TER<br>Mk.82 x3  | <i>(empty)</i>       | <i>(empty)</i> | MER<br>Mk.82 x6   | <i>(empty)</i>      | <i>(empty)</i> | TER<br>Mk.82 x3  | 370 Gallon Fuel Tank   |
| 370 Gallon Fuel Tank   | TER<br>Mk.82 x3<br>&<br>LAU-33<br><i>(Inboard Rail)</i>  | <i>(empty)</i>       | <i>(empty)</i> | MER<br>Mk.82 x4<br><i>(Side Stations)</i>                             | <i>(empty)</i>      | <i>(empty)</i> | TER<br>Mk.82 x3<br>&<br>LAU-33<br><i>(Inboard Rail)</i>  | 370 Gallon Fuel Tank   |
| 370 Gallon Fuel Tank   | TER<br>Mk.83 x2<br><i>(Outboard &amp; Lower Stations)</i><br>&<br>LAU-33<br><i>(Inboard Rail)</i>        | <i>(empty)</i>       | <i>(empty)</i> | MER<br>Mk.77 x3<br><i>(Front Sides &amp; Rear Lower<br/>Stations)</i> | <i>(empty)</i>      | <i>(empty)</i> | TER<br>Mk.83 x2<br><i>(Outboard &amp; Lower Stations)</i><br>&<br>LAU-33<br><i>(Inboard Rail)</i>        | 370 Gallon Fuel Tank   |
| 370 Gallon Fuel Tank   | TER<br>LAU-10 x2<br><i>(Inboard &amp; Outboard<br/>Stations)</i><br>&<br>LAU-33<br><i>(Inboard Rail)</i> | <i>(empty)</i>       | <i>(empty)</i> | MER<br>?  | <i>(empty)</i>      | <i>(empty)</i> | TER<br>LAU-10 x2<br><i>(Inboard &amp; Outboard<br/>Stations)</i><br>&<br>LAU-33<br><i>(Inboard Rail)</i> | 370 Gallon Fuel Tank   |
| 370 Gallon Fuel Tank   | TER<br>Mk.82 x2<br><i>(Inboard &amp; Outboard<br/>Stations)</i><br>&<br>LAU-33<br><i>(Inboard Rail)</i>  | <i>(empty)</i>       | <i>(empty)</i> | MER<br>Mk.81 x6   | <i>(empty)</i>      | <i>(empty)</i> | TER<br>Mk.82 x2<br><i>(Inboard &amp; Outboard<br/>Stations)</i><br>&<br>LAU-33<br><i>(Inboard Rail)</i>  | 370 Gallon Fuel Tank   |

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| RIGHT OUTBOARD<br>PYLON | RIGHT INBOARD<br>PYLON  | RIGHT FUSELAGE WELLS |                | CENTERLINE  | LEFT FUSELAGE WELLS |                | LEFT INBOARD<br>PYLON   | LEFT OUTBOARD<br>PYLON |
|-------------------------|---|----------------------|----------------|---|---------------------|----------------|---|------------------------|
|                         |   | REAR                 | FRONT          |   | FRONT               | REAR           |   |                        |
| 370 Gallon Fuel Tank    | TER<br>Mk.83 x2<br><i>(Outboard &amp; Lower Stations)</i>   | <i>(empty)</i>       | <i>(empty)</i> | MER<br>Mk.83 x3<br><i>(Front Sides &amp; Rear Lower<br/>Stations)</i> | <i>(empty)</i>      | <i>(empty)</i> | TER<br>Mk.83 x2<br><i>(Outboard &amp; Lower Stations)</i>   | 370 Gallon Fuel Tank   |
| 370 Gallon Fuel Tank    | TER<br>Mk.81 x3   | <i>(empty)</i>       | <i>(empty)</i> | Mk.4 HIPEG  | <i>(empty)</i>      | <i>(empty)</i> | TER<br>Mk.81 x3   | 370 Gallon Fuel Tank   |
| 370 Gallon Fuel Tank    | TER<br>CBU-29 (SUU-30A/B) x2<br><i>(Inboard &amp; Outboard<br/>Stations)</i><br>&<br>AIM-9B<br><i>(Outboard Rail)</i> | <i>(empty)</i>       | <i>(empty)</i> | Mk.4 HIPEG  | <i>(empty)</i>      | <i>(empty)</i> | TER<br>CBU-29 (SUU-30A/B) x2<br><i>(Inboard &amp; Outboard<br/>Stations)</i><br>&<br>AIM-9B<br><i>(Outboard Rail)</i> | 370 Gallon Fuel Tank   |
| 370 Gallon Fuel Tank    | AIM-9B<br><i>(Outboard Rail)</i>  | AIM-7E               | <i>(empty)</i> | <i>(empty)</i>  | AIM-7E              | <i>(empty)</i> | AIM-9B<br><i>(Outboard Rail)</i>  | 370 Gallon Fuel Tank   |