

# SO41445

## 1/144 AGM-65 Maverick

Shelf  
Oddity

Assembly scheme

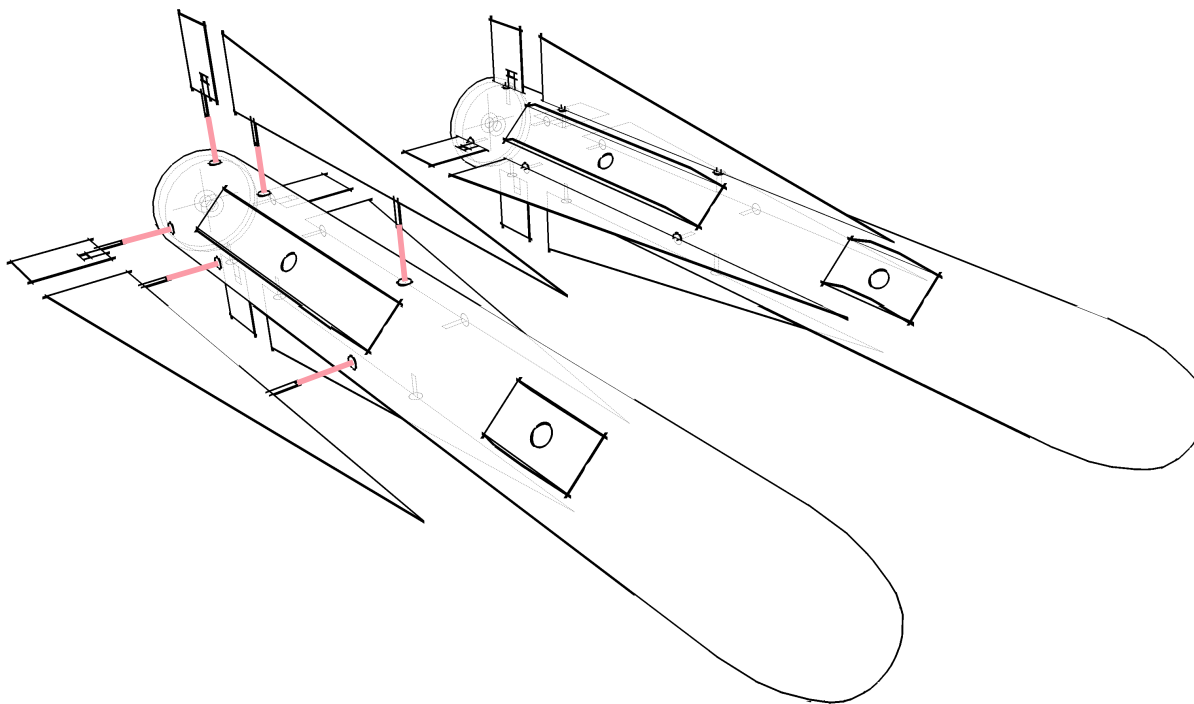


This is a set for an experienced modeller. We provide you with really small parts, so try not to swallow it, this is carpet crawlers' business after all.

The construction of the missile is pretty basic - have your end result looking as on photo above and you're there. We trust you can handle it. Just remember to keep fin attachment pins on the proper side of the blade while cutting out photoetched parts. Those pins should make your job fitting fins to body much easier.

Missile body has two additional slots for attaching to pylon/launcher, a template to get those slots aligned on launcher is provided on the edge of photoetched fret.

As for painting and markings - AGM-65s give plenty to choose from. Use your reference photos for desired scheme and exact colors. Actually, always use your reference photos!



### Brief history and description of the missile

Development of the Maverick began in 1966 and took six years for completion. The missile was designed to replace the ageing radio-guided AGM-12 Bullpup missiles which were initially launched in 1959.

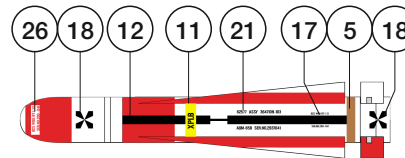
AGM-65s was first deployed by the USAF in August 1972, replacing the AGM-62 Walleye in the 1970s. First IIR variants (AGM-65D) was delivered in 1983 and laser guided version (AGM-65E) was developed in 1978.

Mavericks come in different flavours:

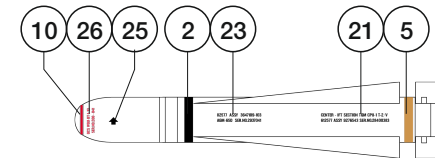
- A - electro-optical TV guidance system
- B - as A model, with a screen magnification that enables the pilot to zoom in on target. Easily identified by "SCENE MAG" stencil on seeker section
- D - has an imaging infrared guidance system that overcomes the daylight-only, adverse weather limitations of A/B TV system. IIR AGM-65D seeker head is tan / dirty orange, making it easy to pick up against other electro-optical variants.
- E - Marine Corps version with laser guidance and larger (300lb) warhead
- F - US Navy D (IIR) variant with E warhead
- G - USAF D variant (IIR) with E/F warhead (still with me...?)
- K - early (A/B) versions upgraded with CCD seeker

Only A, B and D variants (lightweight warhead) can be used on triple launchers.

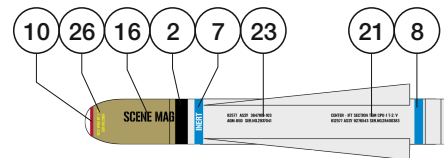
### Color and marking schemes



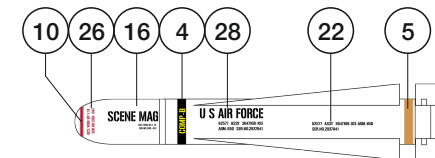
AGM-65A (tests at Eglin AFB, 1972)



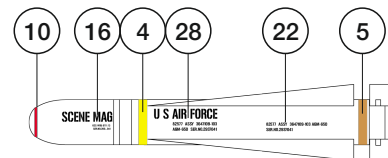
AGM-65A



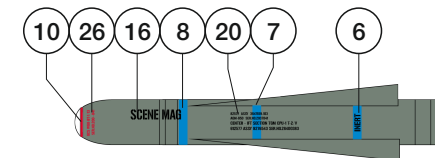
AGM-65B (FS30118 warhead / FS36375 motor)



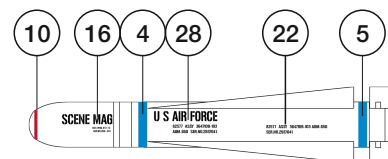
AGM-65B



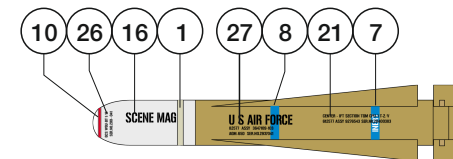
AGM-65B



AGM-65B (RNZAF green ~FS34097)



AGM-65B



AGM-65B (FS36375 warhead / FS30118 motor)

### Quick guide to Maverick colors

Mavericks started their career in semi-gloss white. Later variants (D/G) came out in matt Field Drab, for the plain reason that white missile on camouflaged aircraft denies the purpose of cammo. The same goes for gray (usually FS36375, but FS36320 can also be the case) missiles. As the time went by it all became less sharp-edged, as front section from one missile could easily be mated with motor section of other. Some say it is done for the joy of modelers. You can stumble upon photos of FD seekers with grey rocket sections and other oddball combinations.

Electro-optical Mavericks have clear seeker window, which makes it an interesting challenge to paint realistically.

Color bands indicate seeker, warhead and rocket motor state.

Yellow = live HE warhead / seeker

Brown = live motor

Blue = inert component

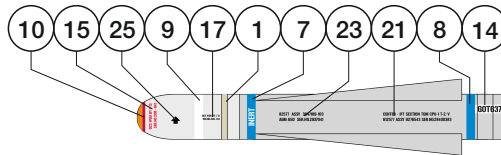
### Note

Missile bodies are produced using CNC lathe. Lathe blade has a certain, finite edge radius. Working toward tip of the missile, where radius of body decreases, we arrive at a point when the blade is unable to reach the very tip of round-nosed missile. This leaves a tiny mark.

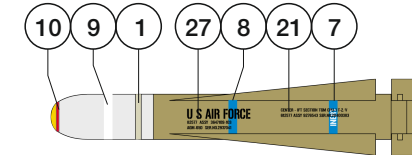
We guess it is not a big deal for an advanced modeller to sand this scar smooth with few swipes of 1000-grit sandpaper.

Worse things happen on daily basis on our workbenches. In return for this slight inconvenience we are able to machine a recessed exhaust nozzle, which we believe will be more appreciated.

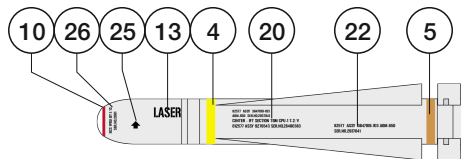
### Color and marking schemes



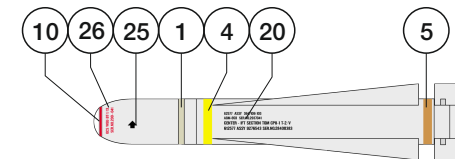
AGM-65D (FS36375 warhead / FS36320 motor)



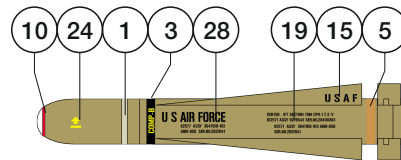
AGM-65D (FS36375 warhead / FS30118 motor)



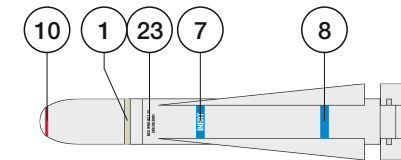
AGM-65E (FS36375)



AGM-65F (FS36375)



AGM-65G (FS30118)



AGM-65G (FS36375)