

SO114419

1/144 R-77 (AA-12 Adder)

Shelf
Oddity

Assembly scheme

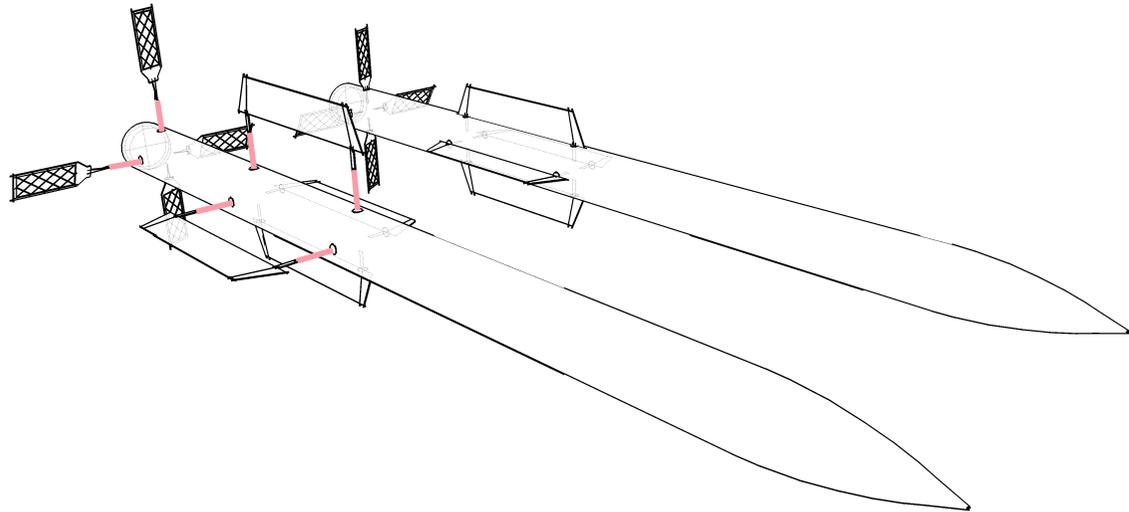


This is a set for an experienced modeller. We provide you with really small parts, so try not to swallow it, this is carpet crawlers' business after all.

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 - use your reference photos for desired scheme and exact colors. Actually, always use your reference photos!



Brief history and description of missile

R-77 is active radar homing medium/long range missile. It was designed basing on first experience with MiG-29 and Su-27 fighters, and developed with new generation of jet fighters in mind.

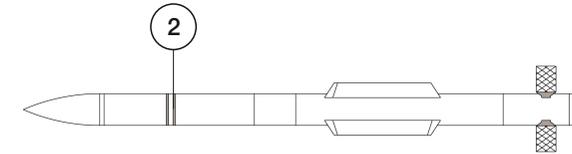
The resulting missile is relatively small and lightweight missile, especially considering its capabilities. It is all thanks to magic diet. Strict weight saving programme went as far as having the general arrangement plans approved and fixed by signature of Aviation Industry Minister.

The aerodynamics of R-77 differ from usual Soviet „large delta wings at the back with small fins in front“. Long, stubby wings are supplemented by novel folding grate control surfaces. Not only is it lighter and smaller, but also the missile benefits from much lighter forces required to run the fins. This translates to more diet - lighter servos. Folding grate fins may add a little bit to drag, but this is thought to be compensated by smaller footprint, allowing for more missile loadout.

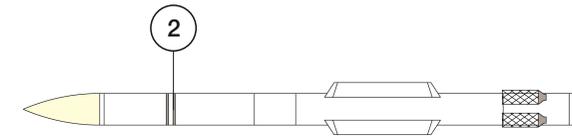
Maximum range of R-77 is stated at 100km.

Color-wise R-77 are boring (so far). They are mostly white with very little stenciling. Sometimes radome is very light tan. There are also some photos that suggest white radome and very light gray fuselage. Grate fins are bare steel.

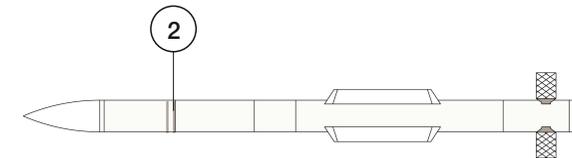
Demo missiles can be seen red, although those can also be training missiles. Press coverage from fairs show a lot of producer-trimmed, flashy stenciled, highly polished R-77s, but bear in mind those are only display mock-ups

Colors and markings

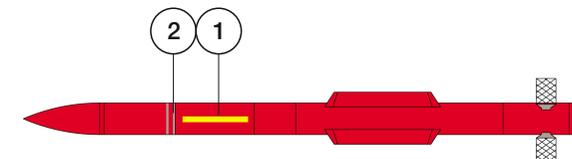
Default R-77:
white body and wings, grate fins in bare aluminium.



R-77 with light tan radome (FS33613+ white).
Presented here with folded fins.



Light grey (FS36622) R-77 with white radome and wings.



Training / demonstration R-77 (FS11302).