

# 1:48 Rapier



**SMT**  
SCALE MODEL TECHNOLOGIES

## 1/48<sup>scale</sup> RAPIER

Model Kit by SMT: <http://smt.theshoppe.com>

Pattern Maker: Alfred Wong, website: <http://members.rogers.com/alterego>

Before you begin to assemble your model kit, study the instructions carefully. This will help familiarize you with the location and parts required for assembly. If you wish to paint your model, various components should be painted before the parts are attached. The appropriate color is stated in the paint guide at the end of the instructions. This kit is molded from a plastic resin. Use of a superglue is required for assembly.

For the best finish your model should be painted even if molded in color. Paint should be applied in several light coats rather than one heavy one (the first coat should not completely cover the surface). Each layer should dry thoroughly before sanding with #1200 wet or dry sandpaper that is slightly damp, except for the final coat.

**\*\* Be careful not to remove any detail while sanding \*\***

Keep your hands clean when working with the model prior to painting. Always thoroughly wash parts to remove any trace of mold release agents, body oils from your hands and sanding residue. A solution of dish washer detergent and water is recommended. Use a tack cloth to dry.

Parting lines and glue joints should be filled and sanded before painting. A filler putty designed for use on plastics should be used to blend and fill contours. This should be applied only after the first primer coat.

When painting a body of two or more colors, the lighter color should be painted first. Use frosted or liquid masking agent to protect any areas you do not want painted. After the paint is dry to the touch you may remove the masking agent. Use a very fine brush to touch up any edges that may require it. If decals are added do so before applying the gloss coat (a gloss or matted coat will help even the edges between the colors, decals and help to prevent unwanted fingerprints from marring the finish).

Prior to cementing any parts together "test fit" them in order to be assure alignment. Also check for excess flash which may be present, use a sharp hobby knife or file if necessary.

If any parts are warped, apply a small amount of heat (such as a hair dryer or hot water) until you feel the resin soften. Gently bend back to shape.

We take pride in providing kits which are easy to assemble and give attention to detail and workmanship. Should you have any difficulty with missing/broken pieces or assembly please e-mail the address below:

**[SMTEMAIL@telusplanet.net](mailto:SMTEMAIL@telusplanet.net)**

Rapier and Talon concepts & design copyrighted by Alfred Wong  
Kit Patterns by Alfred Wong. <http://members.rogers.com/alterego>  
Kit produced by SMT. <http://smt.theshoppe.com>  
Decals by JBOT Decals. <http://www.jbot.ca>

## Sierran Rapier Mk.9

### Multi-role Starfighter



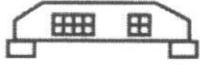
The Rapier Mk.9 is the standard single-seat multipurpose Starfighter, and with the Specter-class Strategic-fighter, forms the backbone of the Sierran Star-Command. The Sierrans are a fiercely independent humanoid race that is externally indistinguishable from humans. The Rapier is a fully adaptable ship that is equally comfortable operating in the vacuum of deep space, the atmosphere of a planet or beneath the surface of its oceans. The Mk.9 is the latest model in the distinguished Rapier line. While a small number of earlier models still serve in second-line and training duties, the Mk.9 is the standard current model serving in virtually all fighter roles called upon by the Sierran Command.

The Sierrans are renowned for their mastery of reactionless-drive technology. The Rapier has twin reactionless-warp/subspace drivers tied to a single reactor core. The Rapier is armed by three guided energy-projectors. These weapons emit highly efficient guided energy-pulses, a unique coupling of guidance system to a non-projectile weapon. The guidance is imbued upon the pulse by a target data matrix from the fighter's targeting computer. The matrix is wrapped around the pulse as it leaves the Rapier's weapons pod, and each emitter can track a different target if necessary. The guidance system, however, does drastically reduce the weapons' rates of fire, as no new pulses can be fired until the fired pulses hit their target(s). It is therefore not uncommon for Rapier pilots to turn off the guidance matrix and lock the pulse weapons in forward rapid-fire mode. Nevertheless, the option of the guided torpedoes, targeted via the pilot's helmet-mounted sight, provides a significant tactical advantage.

Almost 70% of Sierran pilots are female, as female Sierrans are innately gifted pilots. The most famous Rapier pilot is *Talon*, who serves aboard the cruiser *Nemesis*.

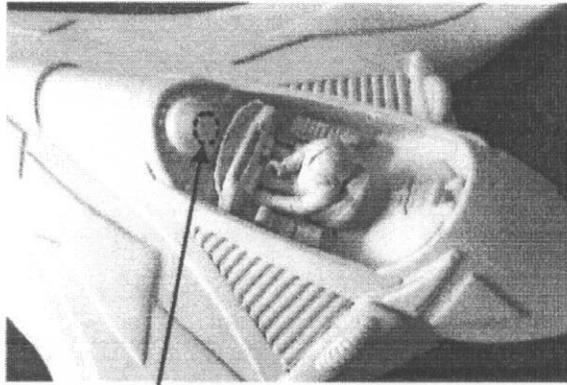
# 1

## Cockpit



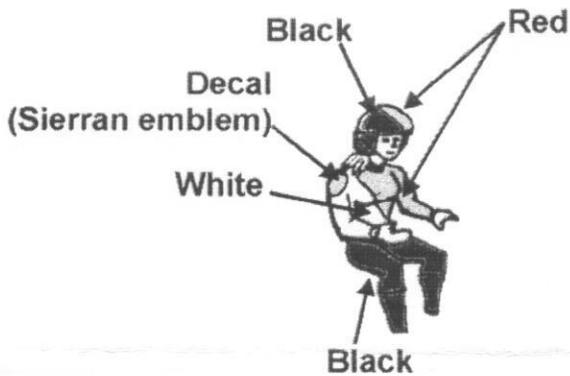
Instrument panel

\*Use this as template to cut from .020 clear acetate.  
\*Apply decal to face



Paint clear blue

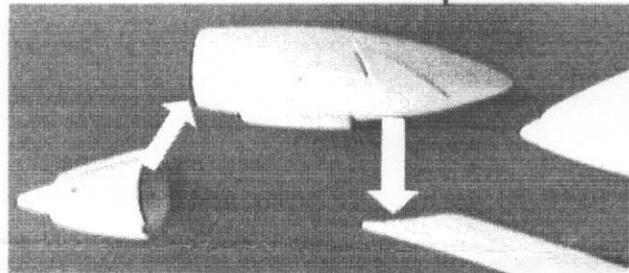
Attach seat, pilot, and panel as shown.



# 2

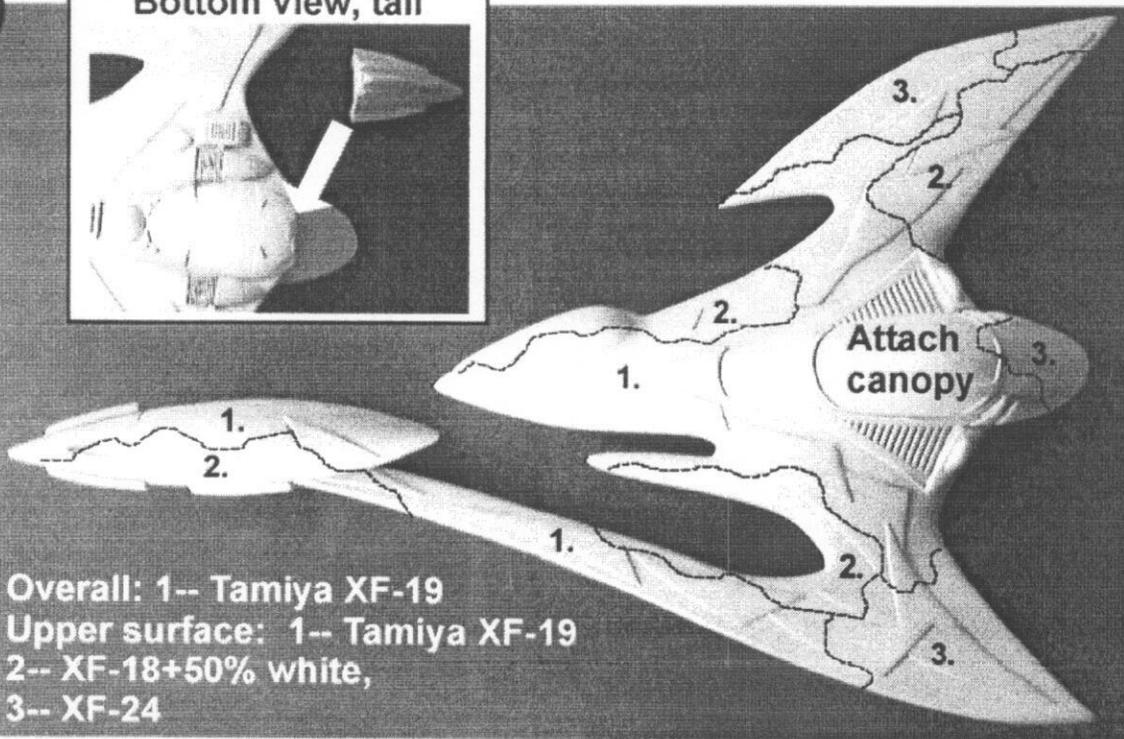
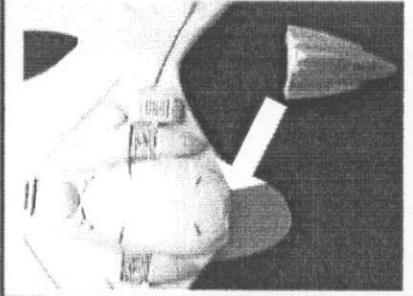
## Weapons Pod

Top view



# 3

Bottom view, tail



Overall: 1-- Tamiya XF-19  
Upper surface: 1-- Tamiya XF-19  
2-- XF-18+50% white,  
3-- XF-24

**\*Blue flame nose art (shown here) belongs to Talon's fighter.  
Optional nose art is also provided**

