



# Ariane 3

Copyright (C) 1999 Erik Anderson

The Ariane 3 is an improved version of the Ariane 1. A stretched third stage and two solid SRM's made the Ariane 3 capable of sending 50% more mass into Geosynchronous Transfer Orbit.

The Ariane 2 is similar, but without the SRM's. Of the two, the Ariane 3 actually flew first, on the 10th Ariane flight. That is the launch modeled here. This kit could make an Ariane 2 by simply leaving off the SRM's, but then the decals wouldn't be correct.

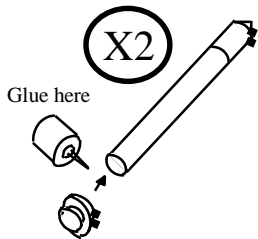
This kit is a resin kit. It is not up to the standards of professional mass-produced injection-molded kits; on the other hand, there are no such kits of the Ariane 3.

You will need to trim flash off of parts, sand parts to fit, and fill gaps and holes with plastic putty.

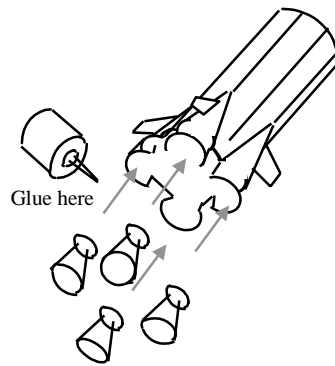
Before beginning, take inventory of your parts. Compare them with the kit instructions, and familiarize yourself with both. Now would be a good time to wash all resin parts in soap and lukewarm water, as this will wash off any "weeping" that may have come off the resin during shipping.

Use of a cyanoacrylate glue (Super Glue) or a fast-setting epoxy is recommended.

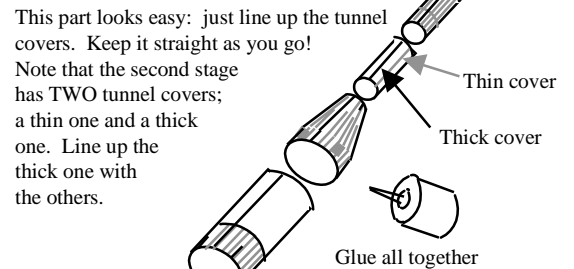
## 1. Assemble Strap-ons



## 2. First Stage Engine Bay

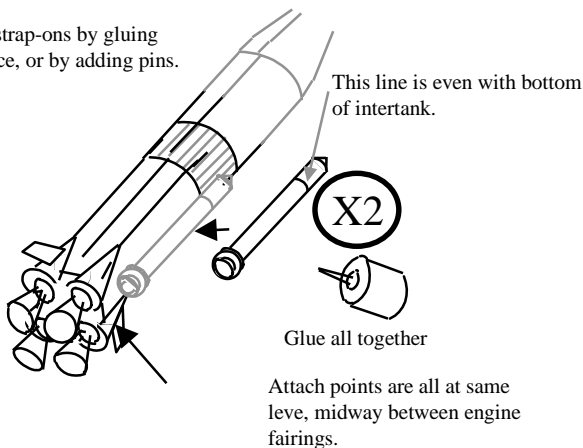


## 3. Assemble main body

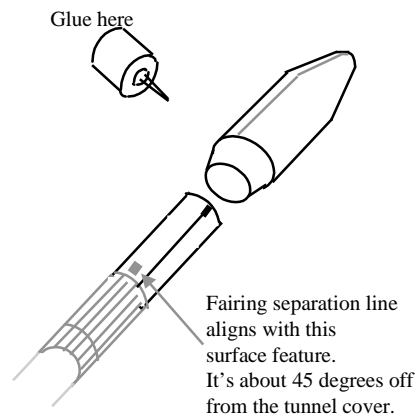


## 4. Add boosters

Attach the strap-ons by gluing them in place, or by adding pins.



## 5. Assemble fairing



# Ariane 3 Painting/Decal Guide

The Ariane 3 is finished in four colors:

- White -- Overall
- Brown -- Third Stage except for surface details
- Black -- Lower fairing transition, bottoms of first-stage engine fairings.
- Aluminum -- First Stage engines, Fairing nose

Please forgive the drawing below; it's an official ESA drawing, which unfortunately is wrong in a few details. But it'll show where the decals go

Finally, here's a view of V10 to help you put it all together:

Fairing rotated 90 deg.



These 2 are spaced 180 degrees apart, aligned with SRM's.



Flags, ESA's, and Arianespace 3X, spaced 120 degrees apart.



2 total; spaced 180 degrees apart.

