

MLS Steam-Class 2004 Build A Live Steam Accucraft Ruby Kit

Chapter 5 - Boilers, Domes, & Other Superstructure Enhancements

**By: Tom Farin
Madison, Wisconsin, USA**

How to Modify a Ruby Drive Train to Enhance Performance:

This section will cover modifications to improve performance and modifications designed to bring the Ruby closer to your prototype. I'm going to rely on the experts for this section. Then I'm going to try to apply some of these modifications to my Ida.

Modifying Your Ruby's Boiler:

Two different approaches will be shown for extending your Ruby boiler. We'll go through the step-by-step for Hawaii No. 5.

Superstructure Upgrades:

We'll continue down the path began in Chapter 3 with additional superstructure upgrades. Projects on the list include:

- Smoke stacks - Where you can buy them and how you can bash them. I'll bash an Ida stack into a diamond stack closer to the Olomana prototype in this section.
- Domes - Where you can buy them and how they can be fabricated. We'll look at options for new domes needed for both Hawaii No. 5 and for the Olomana.
- Tanks and Running Boards - where you can buy them and how they can be bashed or fabricated. I plan to modify the tank on the Olomana to one closer to the prototype. Running boards will be added to Hawaii No. 5.
- Cabs - While we built a Vance Bass cab in an earlier article, we'll bash a Ruby cab in this article.

A Progress Report on the '*Olomana*' and Hawaii No 5:

We'll report on the current state of our two poster child engines.

Prototype Article:

We'll be talking about Vulcain Locomotives.

Chapter 4 should be posted with the MLS site update in late May.