

RECAP OF THE

Scale R/C Aircraft Building Techniques Seminar January 28, 2012

Presented by:

Roy Vaillancourt & Dave Wigley



Hosted by the
Mid-Hudson R/C Society

Seminar Agenda

SCALE BUILDING TECHNIQUES

- **10:00 - 11:10** **Making fiberglass molds and part**
- **11:20 - 12:30** **Control linkages and scale hinges**
- **12:30 - 1:30** **Lunch break & open discussion**
- **1:30 - 2:50** **Hatches and access panels**
- **3:00 - 4:00** **Small vacuum formed parts demonstration**

Making fiberglass molds and parts



Dave discussing various plug making materials along with the the finished Bristol Beaufighter engine nacelle mold plug.

The nacelle mold sections are seen here being parted. The mold surface condition and preparation being discussed prior to fiberglass part lay up.



Control linkages and scale hinges

Roy seen here demonstrating the concealed aileron control linkage and tapered hinge line of his Fairey Firefly framed up wing structure.



There were many projected photos used to help with the presentations. Roy is discussing the pushrod installation in one of his finished projects.

Hatches and access panels

A flush mounted access panel with offset hinges is being discussed. Dave prepared a mockup to help demonstrate this type of access panel.



Dave explained several techniques that can be used to to conceal switches, air valves, fuel fills and servos using hatches and panels.



Small vacuum formed parts demonstration

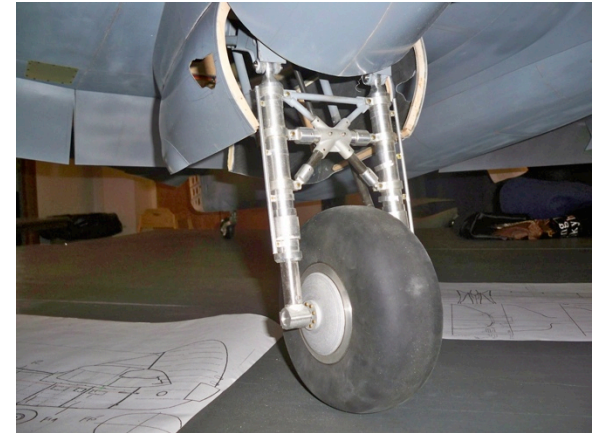


Here Roy is making a sheet of vacuum formed parts for one of the models he designed. The equipment is simple and Roy made it look like a relatively easy process.

Roy brought along an extensive collection of shaped parts he uses to produce the vacuum formed pilots and aircraft parts sold by Vailly Aviation



Various Seminar Photos



There was plenty of opportunity to check out the various scale material brought by the presenters, up close and personal.

Various Seminar Photos



Both Dave and Roy fielded individual questions during the breaks.



On behalf of the Presenters and Mid Hudson R/C Society, thank you for your continued Scale Modeling support! Many suggestions were provided for the next edition of this Scale R/C Aircraft Building Techniques Seminar, keep an eye out for next year... Bob Allen, Seminar Coordinator.