

Carrier Wave

Newsletter of the Phantom Flyers R/C Club

<http://phantomflyersrc.com>

CLUB OFFICERS	Work	Home
President – Ed White	232-1479	(636) 441-6431
Vice President – Frank Thomas		(636) 394-1546
Secretary – Jan Jansen	234-2459	(314) 921-9420
Treasurer – Dan Sundman	777-9204	(636) 281-0676
Safety Officer – Dave Evans		(636) 332-1980
Boeing Rec Counselor – Mitch Galatioto	234-5141	(636) 447-5484
Field Manager – By Committee		
Chief Flight Instructor - Jan Jansen	234-2459	(314) 921-9420
Activities Committee Chairperson - Dan Abel		(314) 830-0138

Board of Directors:	Work	Home	Send Membership Renewals to:
Ed White	(314) 232-1479	(636) 441-6431	Jan Jansen
Jim Wortkoetter	(314) 777-8953	(636) 947-1034	16724 North Fork Ridge Dr.
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Send Newsletter Items to:

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Wentzville, MO 63385

March 2007

Upcoming Events/Important Notices

21 March, Club Meeting at Senior Center

7 April, Pack 30 Rocket Launch at Field

18 April, Club Meeting at Senior Center

6 May, Carrier Fun Fly/Cox Pylon Race

Articles, pictures, and tech notes for publishing in the Carrier Wave are always appreciated. I try to get the Carrier Wave out a week before the monthly meeting, please submit articles a week and a half before the meetings. Please send pictures, preferably in JPEG format, in separate files from text files. Text should be in MS Word format, simple text file format, or some format that MS Word can read. Indicate where pictures should be in the text with a note in parentheses such as (Picture ABCDC001.jpg goes here). I will integrate text and pictures in my page layout program.

Thanks,
Dave Evans



Minutes February 21 2007

Pres Ed White called the meeting to order at 7 PM.

No new members.

Dan Sundman gave a tech session: Havoc Heli from Walmart \$29.99.

Christmas party left over: Awards for Don Albert and Emery Kattleman.

Secretary report was approved.

Treasurer report was approved.

Recreation report by Mitch: UAV may start again. However they cannot fly at our field since they must have a controlled airspace.

Recreation report was approved.

No field manager. Field report:

Vice Pres. Frank outlined the plan for container security. His plan with up to \$630 budget was approved.

Details are not reported since it was agreed that a limited group should have the knowledge.

Frequency board redesign, concrete and steel, was approved \$250.

No Safety Report. However Dave Evans agreed to be Safety Officer.

Activities Report By Dan Able: Swap meet set to May 19. Rocket launch set for April 7. No PRACTICE float fly this year. The Float Fly is on May 26 as usual.

Old business.

Vandalism prevention: Please send Ed White ideas.

Insurance: Pavilion and container content with \$ 500 deductible and \$1800 cap. Picture and documentation required.

New business:

Details for swap meet (May 19):

Tim Wortkoeter volunteered to be the focal. We need help and this makes a lot of money for the club. Plus, this brings the hobby to the community. So, expect to be asked to contribute since we do not expect Tim to do this by himself.

Preliminary idea was to raffle a Spectre Radio.

Budget discussion by Dan Sundman:

Copies of the budget was distributed:

Budget has a deficit of \$665. This was discussed and not considered a problem due to our healthy bank account. Stolen items will be replaced. Property insurance is accounted for. Discussion about adding funds for our 50th annual pattern contest was approved. There is a desire to do something special for this occasion. Polo shirts with unique batch was proposed. \$ 750 was proposed for the contest..

Proposed Event Schedule for 2007

EVENT	2007 DATE	DAY	2007 CD
SNOW FLY	1-Jan	MON	
CLUB MTG @ SR CENTER	17-Jan	WED	CLUB PREZ
CLUB MTG @ SR CENTER	21-Feb	WED	CLUB PREZ
CLUB MTG @ SR CENTER	21-Mar	WED	CLUB PREZ
PACK 30 ROCKET LAUNCH	7-Apr	WED	DAN SUNDMAN
CLUB MTG @ SR CENTER	18-Apr	SAT	CLUB PREZ
CARRIER FUN FLY / COX PYLON	6-May	SUN	
CLUB MTG-FIELD	16-May	WED	CLUB PREZ
SWAP MEET	19 May	SAT	TIM WORTKOETTER
FLOAT FLY : 9:30 AM -12	26-May	SAT	DON VETRONE
PATTERN SEMINAR 12 NOON	2-Jun	SAT	ED WHITE
FAMILY BBQ / B-A-P / COX PYLON	10-Jun	SUN	
CLUB MTG - FIELD	20-Jun	WED	CLUB PREZ
FIELD PREP FOR ELECTRIC FLY	14-Jul	SAT	
CLUB MTG - FIELD	18-Jul	WED	CLUB PREZ
ELECTRIC FLY	21-Jul	SAT	
ELECTRIC FLY	22-Jul	SUN	
CARRIER FUN FLY / COX PYLON	5-Aug	SUN	
CLUB MEETING - FIELD	15-Aug	WED	CLUB PREZ
FIELD PREP FOR CONTEST	18-Aug	SAT	ED WHITE
PATTERN CONTEST	25-Aug	SAT	BILL AHRENS
PATTERN CONTEST	26-Aug	SUN	BILL AHRENS
FIELD PREP FOR HELICOPTER FLY	8-Sep	SAT	
HELICOPTER FLY IN	15-Sep	SAT	
CLUB MTG @ SR CENTER	19-Sep	WED	CLUB PREZ
CARRIER FUN FLY / COX PYLON	29-Sep	SAT	
CLUB MTG @ SR CENTER	17-Oct	WED	CLUB PREZ
CLUB MTG @ SR CENTER	28-Nov	WED	CLUB PREZ
CHRISTMAS DINNER	1-Dec	SAT	CLUB PREZ

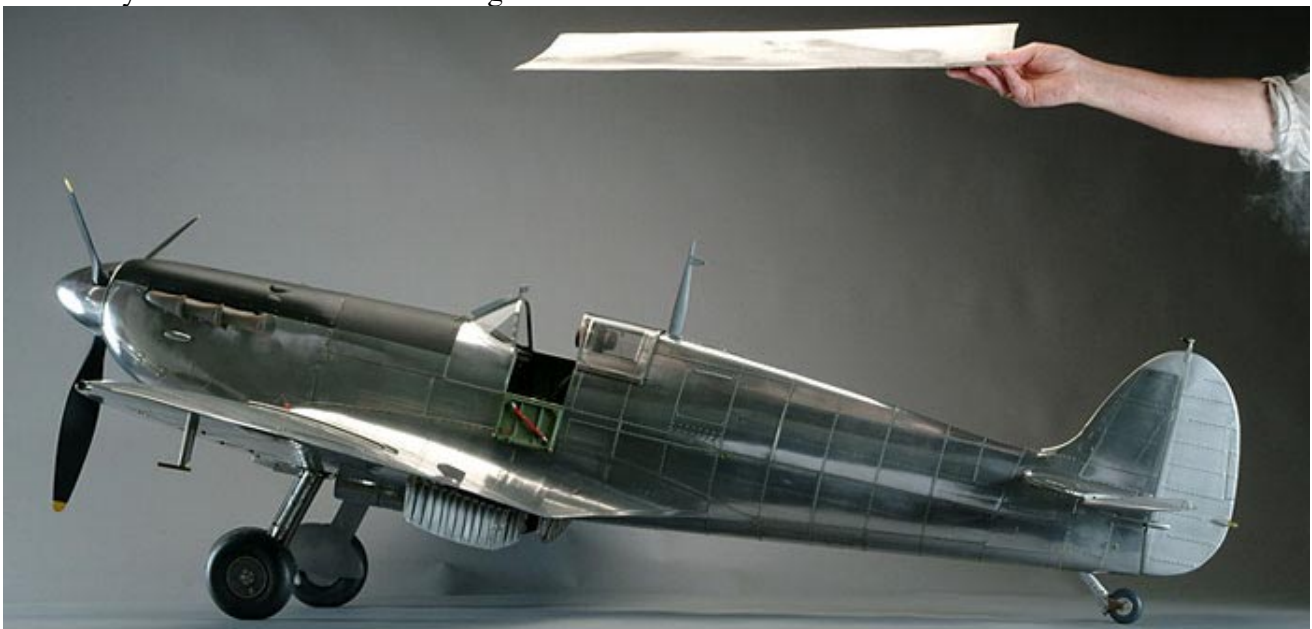
Scratch built 1/5th scale Supermarine Spitfire MK 1

Below are pictures of a scratch built 1/5th scale Supermarine Spitfire MK 1 by an English model builder. It's hard to imagine such infinite detail can be accomplished even with super human devotion and dexterity. The pictures and accompanying text are by the model maker, David Glen.



If anyone asked me why I set out to build a Spitfire in one-fifth scale, and detailed to the last rivet and fastener, I would probably be hard-pushed for a practical or even sensible answer. Perhaps the closest I can get is that since a small child I have been awe inspired by R. J. Mitchell's elliptical winged masterpiece, and that to build a small replica is the closest I will ever aspire to possession.

The job took me well over eleven years, during which there were times I very nearly came to giving the project up for lost. The sheer amount of work involved, countless hours, proved almost too much, were it not for a serendipitous encounter at my flying club in Cambridge with Dr. Michael Fopp, Director General of the Royal Air Force Museum in England.



Seeing the near complete fuselage, he urged me to go on and finish the model, promising that he would put it on display. I was flabbergasted, for when I started I had no inkling that my work would end up in a position of honour in one of the world's premier aviation museums.

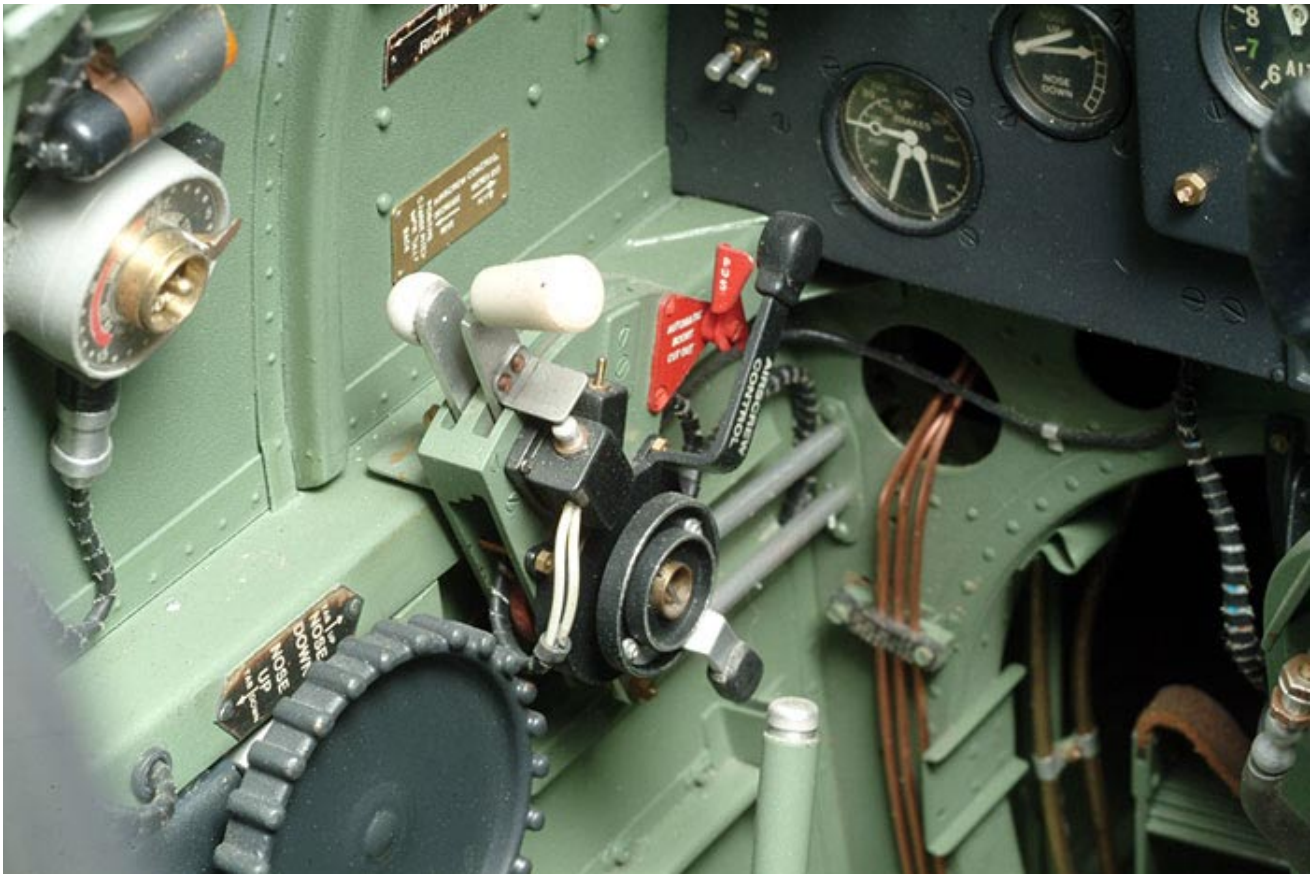
As I write, the case for the model is being prepared, having been specially commissioned by the museum with a case-maker in Sweden. I have not yet seen it, but from what I hear, it is enormous!

In one respect the story has gone full circle, since it was at Hendon where I started my research in earnest, sourcing Microfilm copies of many original Supermarine drawings, without which such a detailed build would not have been possible.

The model is skinned with litho plate over a balsa core and has been left in bare metal at the suggestion of Michael Fopp, so that the structure is seen to best advantage. The rivets are real and many are pushed into drilled holes in the skin and underlying balsa, but many more are actual mechanical fixings. I have no accurate count, but I suspect that there are at least 19,000!



All interior detail is built from a combination of Supermarine drawings and workshop manuals, plus countless photographs of my own, many of them taken opportunistically when I was a volunteer at the Duxford Aviation Society based at Duxford Airfield, home of the incomparable Imperial War Museum collection in Cambridgeshire, England. Spitfires, in various marks are, dare I say, a common feature there!



The degree of detail is probably obsessive: The needles of the dials in the cockpit actually stand proud of the instrument faces, but you have to look hard to see it!

Why the flat canopy? Well, the early Mk.IIs had them, and I had no means to blow a bubble hood, so it was convenient. Similarly the covers over the wheels were another early feature and they saved me a challenging task of replicating the wheel castings.



The model has its mistakes, but I'll leave the experts to spot them, as they most certainly will, plus others I don't even know about. I don't pretend the little Spitfire is perfect, but I do hope it has captured something of the spirit and incomparable beauty of this magnificent fighter, perhaps the closest to a union that art and technology have ever come to a killing machine with lines that are almost sublime.



So, with the model now in its magnificent new home, what comes next?

Well, I'm planning a book that will have a lot to say about its genesis and perhaps just a little about me and those dear to me, including a long suffering but understanding and supportive wife. And then there's the Mustang. Yes, a 1/5th scale P-51D is already taking shape in my workshop. How long will it take? I've no idea, but what I am sure of is that at my age (58) I can't expect to be building many of them!



David Glen
Whaddon, Cambridge
Dec. 06, 2006