



# "STICKY FINGERS"

Magazine

[www.sticky-fingers.org.uk](http://www.sticky-fingers.org.uk)

Issue 75 September 2010



Can you spot the problem with this mock-up?

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## Peters Pratting

Next month – October – Southern Expo DVD night

Unfortunately John Bennett wasn't able to produce a video of Southern Expo this year. Do we still want to have a DVD night? We could bring along some interesting DVDs (of the plastic modelling interest variety only before you get any bright ideas!) and play 10 or 15 minutes from those selected by the club. This will be the last time that I will be able to bring along the PC projector so it's probably best to make the most of it!



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## Phil's Talk Last Month

My thanks to Phil for giving us a very interesting talk on his visit to Chicago with the photos and history on the submarine U.505 (yes I was paying attention!), I thought it was very interesting and informative, especially as it tied in with the other histories that Alan Wright has been providing in the recent Wrighty's References on U-Boat activities in the English Channel.

## Home Front

Not much to report this month, apart from the redundancy is now looming closer. As expected the payoff we are getting has been announced and is not as generous as first indicated, it will however tide me over for some months once the 3 months notice period has gone but alas I will be forced to go back to work.

On top of that I am now just starting to clear out the modelling room for redecoration, it hasn't been touched for at least 10 years or more so is well due for doing. As I started moving out all the books, magazines and kits just piled up on the floor it started to hit home just how much I had collected over the years and made me realised how much of it I hadn't actually looked at again since originally purchase. My plan is to use some of the free time being made available to me is to catalogue and cull as much as possible of the magazines and books especially to make as much room as possible.

## Southern Expo 2011 – 19<sup>th</sup> & 20<sup>th</sup> March 2011

Yes we are booked in again for next year! Same location at the Hornchurch Sports Centre.

## IPMS Have a New Logo

As you can see from the header on this months Sticky Fingers IPMS have commissioned a new logo. The reasoning was that to make the old logo into a format that would be usable electronically would be just as much work as having a new version, so we've ended up with the result above.

## Club Sweatshirts & a new logo

I must admit to having some difficulty tracking down the supplier who contacted me during the recent Essex MAFVA show, I had emailed them asking for information but nothing has been forthcoming as yet. However one of our more recent recruits Barry has responded to the call for a new design to go on any new shirts we order. The designs are all based on a tube of glue, which I think is a very good one as it also plays on the Sticky Fingers newsletter and website we have. I will bring along printouts of the design thoughts and perhaps over the next few months we can narrow down the choice and plump on a design.

## Key Publishing Launches Airfix Model World

Key Publishing Ltd are delighted to announce the launch of Airfix Model World, an exciting new magazine for scale modellers, published under licence from Airfix.

As Europe's leading publisher of aviation magazines with sector dominant brands such as FlyPast, Airliner World and AirForces Monthly, Key are ideally placed to bring this title to market due to their knowledge of the subject area and the promotional opportunities afforded by their current portfolio.

"We are absolutely delighted to have formed this partnership with Airfix in order to launch Airfix Model World. Airfix is a massively strong brand with a great history and following and we are relishing the opportunity to bring something very fresh and vibrant into the market," stated Adrian Cox, Managing Director of Key Publishing.

Darrell Burge, Airfix Marketing Manager said, "We are very excited about the launch of Airfix Model World which further expands the Airfix brand into the magazine marketplace. Key are the perfect partners for us as they have so much experience in publishing high quality market leading specialist leisure titles. I am confident that with the strength of the Airfix brand combined with Key's publishing expertise, we will have an absolute winner on our hands."

Airfix Model World will cover all modelling genres but will focus on aviation, the largest sub-sector within this market. The 100 page magazine, which launches on 4 November 2010 with a monthly frequency and superb production values, will have a cover price of £3.99.



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## Jokes from the Edinburgh Festival

Well I need a laugh at the moment!

- 1) Tim Vine "I've just been on a once-in-a-lifetime holiday. I'll tell you what, never again."
- 2) David Gibson "I'm currently dating a couple of anorexics. Two birds, one stone."
- 3) Emo Philips "I picked up a hitch hiker. You've got to when you hit them."
- 4) Jack Whitehall "I bought one of those anti-bullying wristbands when they first came out. I say 'bought', I actually stole it off a short, fat ginger kid."
- 5) Gary Delaney "As a kid I was made to walk the plank. We couldn't afford a dog."
- 6) John Bishop "Being an England supporter is like being the over-optimistic parents of the fat kid on sports day."
- 7) Bo Burnham "What do you call a kid with no arms and an eyepatch? Names."
- 8) Gary Delaney "Dave drowned. So at the funeral we got him a wreath in the shape of a lifebelt. Well, it's what he would have wanted."
- 9) Robert White "For Vanessa Feltz, life is like a box of chocolates: Empty."
- 10) Gareth Richards "Wooden spoons are great. You can either use them to prepare food. Or, if you can't be bothered with that, just write a number on one and walk into a pub..."

## Dornier Do-17 for RAF Museum Hendon

A rare German WWII bomber which has been buried in a sandbank off the Kent coast for the past 70 years is to be raised, it has been announced.

The twin-engined Dornier 17 was shot down over Goodwin Sands, near Deal, during the Battle of Britain.

The Royal Air Force (RAF) Museum said it had worked with Wessex Archaeology to survey the site since the bomber emerged from the sands two years ago.

It will go on display at the museum in London once it has been recovered.

A spokeswoman for the RAF said the aircraft was part of an enemy formation which was attempting to attack airfields in Essex when it was intercepted on 26 August 1940.

### 'Unprecedented survivor'

The bomber's pilot, Willi Effmert, carried out a successful wheels-up landing on Goodwin Sands but the plane sank. Mr Effmert and another crew member were captured but two other men died.

The aircraft, nicknamed the flying pencil, is said to be largely intact with its main undercarriage tyres inflated and its propellers showing crash damage.

Air Vice-Marshal Peter Dye, director general of the RAF Museum, said: "The discovery of the Dornier is of national and international importance.

"The aircraft is a unique and unprecedented survivor from the Battle of Britain.

"It is particularly significant because, as a bomber, it formed the heart of the Luftwaffe assault and the subsequent Blitz."

He added: "The Dornier will provide an evocative and moving exhibit that will allow the museum to present the wider story of the Battle of Britain and highlight the sacrifices made by the



The aircraft was shot down on 26 August 1940



The bomber is said to be largely intact



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young men of both air forces and from many nations."

Work to prepare the Dornier for display at the Battle of Britain Beacon project will be carried out at the RAF Museum's conservation centre in Cosford, Shropshire.

The museum, with the support of English Heritage and the Ministry of Defence, is drawing up a plan to recover the aircraft.

## Forthcoming Shows in 2010

Shows with **highlight** have been booked for us to attend. If you wish to attend any of the shows with the club stand please let me know so I can attempt to book space for the club.

2010	
<b>26<sup>th</sup> September (Sunday)</b>	<b>Brampton show - Burgess Hall, St Ives, Cambs, PE27 6WU</b> 2 tables confirmed
<b>2<sup>nd</sup> October (Saturday)</b>	<b>IPMS Abingdon, Larkmead School, Farrington Road, Abingdon OX14 1RF</b>
<b>23<sup>rd</sup> October (Saturday)</b>	<b>IPMS Glasgow</b> wish to announce <b>Glasgow Model Fest 2010</b> to be held at the Kelvin Hall in Glasgow
<b>13<sup>th</sup> &amp; 14<sup>th</sup> November</b>	<b>Scale Modelworld – Telford</b>
2011	
<b>19<sup>th</sup> &amp; 20<sup>th</sup> March (Saturday &amp; Sunday)</b>	<b>Southern Expo</b>

**Peter**

## Robins Ruminations

One piece of news on the Southern Expo front I can tell you about is that Peter was finally given an invoice for booking the hall last month after chasing the sports centre since April. The deposit has at long last been accepted, so Expo is officially a go!

Things have been very quite on the modelling and Expo front in my home this month due to a computer upgrade at my works. 18 months in the planning and £20 million pounds in costs, it was finally rolled out over the August bank holiday weekend. Unfortunately, things did not quite go as planned. The upgrade deleted all of our shortcut menu paths, changed the appearance of many of our most used screens and introduced many new steps to once simple procedures. Just to add a little more fun to the mix, after 18 months of planning we were not given any training or instruction sheets on the upgraded system. The reason for this was officially that the upgrade made things so much simpler, the implementation team considered it "unnecessary". Laugh, we could have cried!

Much hair has been pulled out and Aspirin's swallowed over the past few weeks I can assure you. To give you an idea, one of the most widely used sheets at my works is a chart listing weights and corresponding values in descending order. Post-upgrade all the weights were jumbled randomly, so instead of simply running down the listings in weight order the, the weights were all over the place. It took many phone calls and emails before the problem was finally fixed two and a half weeks later.

Still enough of my problems at work, I still have enough at home! The little modelling I have managed to do was almost instantly undone when the box containing my two Me 109's slid off of a small stack of books resulting in an undercarriage leg being broken on one and the aerial snapped off the other. There are times I think that I'll take up knitting!

The club has attended two shows recently, the Present Arms show at Marshalls Park School and the Medway show at the Royal Engineers museum at Chatham. The Present Arms show seems a long time ago now, the Saturday before the last club meeting. The show was well put together and run efficiently, especially the canteen with its bacon rolls, top marks to the catering team for that one. The show was a little let down by some late



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cancellations by traders and at least one model club which was a shame, but the show was still interesting and busy enough to make the time fly past. It seemed that we were setting up the stand one minute and packing up to go home the next. I can recommend this show to any club member and wish the organisers well for next year's show.

The Medway show was held on Sunday the 5th and was well attended by club members, Brian, Bob, Danny, John, his father and my wife and of course myself, all made the short trip to Chatham. The journey only took around 45 minutes to reach the show which was held in amongst the exhibits inside the Royal Engineers Museum. John had kindly made some club name badges, which came in very handy as I had mislaid my pass sticker, thanks john. The stand this year was situated under the main roof window which made all the difference to the display. The stand had a very good cross section of models on show, cars, planes and armour, all in all an excellent showing for the clubs talents. More displays were on the raised platform above main floor and exhibits.



I spent a good deal of my time chatting to other exhibitors and looking around at the museums contents. My favourite is still the "Waterloo map", which isn't a map really, but a montage of sketches made by various Royal Engineers at different times in the period between 1812 and 1815. These sketches were pieced together and used by Wellington to deploy his troops in preparation for the battle of Waterloo. As if this map didn't have enough history to it as it was, while bringing it forward to Wellington the courier was attacked and unhorsed by French cavalry, who took the dispatch bag, but the courier remounted and retook the map and delivered it safely. Having used the map, the Duke's pencil marks are still just visible, it was handed to an officer for safe keeping, who was promptly killed and his blood still stains part of the map. It is an odd feeling looking at a montage of simple sketches that would have such a profound effect on the history of Europe, if not the World for a century. The show went past very quickly and it was soon time for the members to head home with all of our purchases. My haul of the goodies being a few 1/48th aircraft bargains and some very cheap decal sheets. A small, quirky, but very enjoyable show to attend.



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## My Official hat is now on.....

This months meeting is the third competition evening for our modelling year's championship and just for a touch of variety, a separate, special class for Battle of Britain subjects to mark the 70th anniversary of the battle.

Don't forget that this coming Sunday, the 26th, is the Brampton model show for those interested in attending. Please let Peter or myself know if you were thinking of attending so that I will know whether to bring the side stands or not.

Robin

Norfolk Nerd



Due to considerable reader demand here are some more Tommy Cooper one liners. Yes, he was brilliant!!

1. Two blondes walk into a building.....you'd think at least one of them would have seen it.
2. Phone answering machine message - '...If you want to buy marijuana, press the hash key...'
3. A guy walks into the psychiatrist wearing only Clingfilm for shorts. The shrink says, 'Well, I can clearly see you're nuts.'
4. I went to buy some camouflage trousers the other day but I couldn't find any.
5. I went to the butchers the other day and I bet him 50 quid that he couldn't reach the meat off the top shelf. He said, 'No, the steaks are too high.'
6. My friend drowned in a bowl of muesli. A strong currant pulled him in.
7. A man came round in hospital after a serious accident. He shouted, 'Doctor, doctor, I can't feel my legs!' The doctor replied, 'I know you can't, I've cut your arms off.'
8. I went to a seafood disco last week.and pulled a muscle.
9. Two Eskimos sitting in a kayak were chilly. They lit a fire in the craft, it sank, proving once and for all that you can't have your kayak and heat it.
10. Our ice cream man was found lying on the floor of his van covered with hundreds and thousands. Police say that he topped himself.
11. Man goes to the doctor, with a strawberry growing out of his head. Doc says 'I'll give you some cream to put on it.'
12. 'Doc I can't stop singing 'The Green, Green Grass of Home'  
'That sounds like Tom Jones syndrome.'  
'Is it common?' 'It's not unusual.'
13. A man takes his Rottweiller to the vet. 'My dog is cross-eyed, is there anything you can do for him?' 'Well,' said the vet, 'let's have a look at him'



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So he picks the dog up and examines his eyes, then he checks his teeth. Finally, he says, 'I'm going to have to put him down.' 'What? Because he's cross-eyed?'  
'No, because he's really heavy'

14. Guy goes into the doctor's. 'Doc, I've got a cricket ball stuck up my bottom.'  
'How's that?'      'Don't you start.'
15. Two elephants walk off a cliff...boom, boom!
16. What do you call a fish with no eyes? A fsh.
17. So I was getting into my car, and this bloke says to me 'Can you give me a lift?'  
I said 'Sure, you look great, the world's your oyster, go for it..'
18. Apparently, 1 in 5 people in the world are Chinese. There are 5 people in my family, so it must be one of them. It's either my mum or my Dad, or my older brother Colin, or my younger brother Ho-Cha-Chu. But I think it's Colin.
19. Two fat blokes in a pub, one says to the other 'Your round.' The other one says 'So are you, you fat bastard!'
20. Police arrested two kids yesterday; one was drinking battery acid, and the other was eating fireworks. They charged one and let the other one off.
21. 'You know, somebody actually complimented me on my driving today. They left a little note on the windscreen. It said, 'Parking Fine.' So that was nice.'
22. A man walked into the doctors, he said, 'I've hurt my arm in several places'  
The doctor said, 'Well don't go there anymore'
23. Ireland's worst air disaster occurred early this morning when a small two-seater Cessna plane crashed into a cemetery. Irish search and rescue workers have recovered 2826 bodies so far and expect that number to climb as digging continues into the night.
- 24.

## Wrighty's References

### Russia's Raptorski – The Sukhoi T.50

Way back in December 2008, as part of the Talking Point Series, I presented readers with a complete update of the Russian's latest next generation jet aircraft. The last one on the list was the Su T.50 (Future Multifunction Fighter), still very much in the embryo stage at that time. Well it seems an update is due on how they have been doing between then and now.

The intention was for the T.50 to perform tasks similar to the USAF F.22 Raptor and eventually replace the Mig.31 heavy fighter and the Su.33 carrier fighter. It should be multi-role, carrying out attacks on air, sea and ground targets in all weathers. With super manouevrability, low speed and high angles of attack and internal weaponry.

Well let's fast forward to January 2010, deep into Russia with our Czech host Piotr Butowski (my spy in Russia!) to the airfield of Sukhoi production facility at Komsomolsk on-Amur. Where? You may ask. You all have heard of Vladivostock on the sea of Japan (I hope!), then look up Sakhalin Island, just off the west coast, you will see the inlet that is the river Amur, this then runs down to Komsomolsk (50.35N/136.20E), just about the furthest place in Russia you can get.



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Today is 29<sup>th</sup> January 2010; the T.50 is to make its maiden flight from a runway bounded by snow, and wispy leafless trees, typical of winter. The test pilot is Sukhoi test pilot Sergy Bogdan. During the 47 minute flight the control of the aircraft, functions of the engines and basic systems were tested, landing gear was retracted and extended, the press release said "all systems worked well and passed successfully", the pilot said it was comfortable and easy to operate.

The T.50 specification, sizes and weight etc appear below. The engines are AL-41FI at present; these were developed from the AL-31FP, used on the Su.30 & Su.35.

The projected weapons are 2 x KI58USLK anti radar missiles carried in internal weapons bays, these are a development of the KL58 missiles used in other Su.30/35 fighters, no stores carriers are fitted as yet under the wings.

## T.50 Specifications

Wing Span	14.0 metres
Length	19.8 metres
Nominal Take off weight (without stores)	21/22 tons
Maximum Take off weight	33/35 tons
Trust	33,000 per engine
Thrust/weight ratio	1.4 to 1.0
Maximum range	Approx 3,000 km (without added fuel tanks)
Maximum speed	Exceeds 2,000 km/h

## Production Program Aircraft

T.50KNS	Complete full sized non-flying aircraft designed for all ground elements and fine tuning, used for taxiing trials in December 2009.
T.50.0	Airframe designed for static structural tests, delivered to Sukhoi Design Bureau in Moscow.
T.50.1	The subject of this story – flight testing.
T.50.2	A second aircraft for flight testing, in future test, expected to fly near end of 2010.
T.50.3 & 4	Unknown, but will form the basis of series production, with full suite of systems and weaponry.

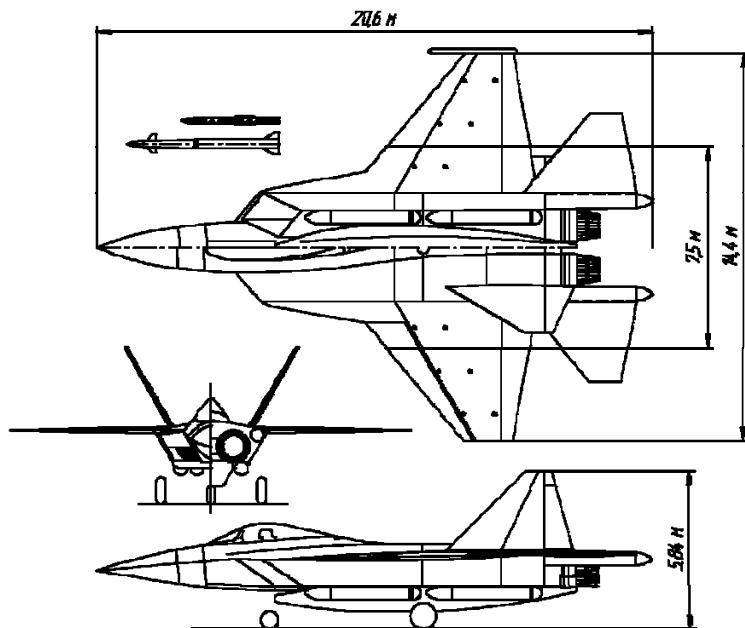


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## Drawings of T.50



Attached is an internet sketch 3 view drawing largely estimated, sizes vary from "correct" sizes given above, for a correct sketch refer to Combat Aircraft (April 2010) page 30 and Air International (March 2010) for full detailed diagram of 18 specific points of the airframe. However a little patience and I'm sure Zvezda will do the job for us and produce a kit before Christmas.

## Final Note

It should be realised that the Su.47 Berkut and Mig 1.44 have been discontinued and will not be used again, their technology having been incorporated (in an improved state) into the T.50. They will probably eventually end up in a museum.

## The "Raptorski" Tag

This is purely a media driven comment, they have to compare it to something, as you can see from the report, production before 2015 is hardly likely and as yet stealth incorporation in the design would extend even that timing for a working prototype. Whereas the F-22 Raptor has already got two operational groups but budgeting considerations are keeping numbers down in this respect. Therefore a confrontation could hardly take place before about 2020 and who knows what else will be on the table by then.





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## The Other Side of the Coin

It seems only fair we should look at how the United States are doing with their latest offering, the JSF-35 (Joint Strike Fighter). Not forgetting that "Joint Strike" includes the UK, who hopes to use the carrier version for its proposed new aircraft carriers (2) due in 2018. Since changes in Government and the exposed cash crisis the silence on this issue has been deafening! Seems doubtful now if they will ever be built!

However, let's pick up on the F-35s progress in 2010.

The Lockheed Martin (BF.3) version of the F-35 had its successful maiden flight in February 2010 and joined the test and development program making 5 aircraft as follows:-

F-35A & F-35AF.1 which are at Fort Worth Texas and China Lake California respectively, then the F-35 BF.1 and BF.2 are both at NAS Patuxent River, Maryland, to be joined by the BF.3.

In 2009 problems occurred with production and only 10% of the test program was completed, this involved the removal of the general who was leader of the program and \$64 million of funding being withheld and eventual production numbers cut by 122 aircraft. The Yanks don't mess about with failure! No point in me quoting future plans at this stage, the testing continues...

In April a new arrival the F-35AA-AF2 (CTOL) conventional take off and landing weapons testing aircraft made its first flight from Fort Worth armed with the General Dynamics 25mm internal cannon, making it the 7<sup>th</sup> aircraft to fly. On the same day the F-35AF.1 (which had made its initial flights in November 2009) returned to flights in its final paint finish of dark sea grey (upper surfaces) and very dark smoke grey (under surfaces). It is due to be ferried to Edwards AFB California. It was also noted that the A.1 has been retired after 90 flights.

The F-35 (BF.04) had its first flight in April 2010 at Fort Worth in light green and smoke grey colouring equipped with a complete mission systems package which includes:- radar, targeting, electronic warfare, helmet mounted system and integrated navigation processor and ID system UHF/VHF radios etc.

The F-35C (Carrier version designated GC.1) commenced drop testing in Dallas Texas at the Vought Aircraft facility to test the complexity of deck landings (i.e. roll, pitch, drop, speed of wheels etc) to establish the best arrangement. By the 6<sup>th</sup> June this aircraft had arrived at Fort Worth, when it made its maiden flight which lasted just under 1 hour. Now known as the Martin JSF Carrier Fighter JSF-35 (CF.1), the aircraft sported the same light green and smoke grey (of the BF.04) colouring, also prominent was a beefed up and modified undercarriage, obviously the results of the above tests put into design practice. This being the 8<sup>th</sup> of the 12 JSF flight test aircraft, it is expected to be joined at Fort Worth by F-35 BF.05, 2 of new F-35s (CF.2 and CF.3) by the end of 2010.

The F-35C is different from the F-35A with larger new wings and a more robust undercarriage. A missions system from the F-35C series will give naval pilots a 5<sup>th</sup> generation fighter with the most advanced technology ever and the ability to counter a broad range of threats USN current aircraft cannot address. Development and flight testing is due to take place at NAS Patuxent River in late summer and autumn 2010.

F-35 progress:- Various issues of Combat Aircraft magazine 2010.

**Alan**