IN IPMS Birmingham (Xn)

**IPMS Birmingham Newsletter - July 2023** 

Needle Museum Event Report, Royal Navy Frigate & Kotare's Spitfire





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## THE ROTUNDA

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#### From the Chair, July 2023

I have very little to report in the way of model building I'm afraid, but I do wish to express my ongoing gratitude to the committee and members who are keeping our wonderful club trundling along in my absence!

I was lucky enough to attend the Royal International Air Tattoo a couple of weeks ago, however I was unlucky enough to attend on the Friday, when it threw it down with rain relentlessly from the moment I arrived to the moment I left, and for some time afterwards. Most of the flight displays were cancelled though we did get to see a couple of refuellers and technically the red arrows (as they taxied along the runway in threes after cancelling their display!). I took my camera, but photography was pretty much out of the question with the ongoing downpour, but the exhibits were excellent and the stalls were fantastic.



We also got a glimpse of William and Kate as they stepped out of their motorcade, the rest of the family no doubt behind them, they didn't have to stand around in the piddling down rain to wait for the bus!! Great day, shame about the weather. I did come away with two Star Trek kits from one model retailer, more to support the trade than out of any real need to add to my backlog of untouched kits...

I am also now the proud owner of a new motorbike, which isn't relevant at all to this newsletter, but hey ho. It's a Royal Enfield Himalayan 411cc 2019 plate, I am in love.

I hope you are all well, enjoying the summer, and have something interesting on your workbench at the moment. Personally I'm looking forward to the winter when I have more free time and can attend meetings again!



All the best,

Gem



<b>IPMS Birmingham</b>	Club Meetings	
<i>z</i> =	Shows	Attending show
	Club meetings, Sundays, 3.30-6.00pm	
	Midweek Build Night, Thursdays 7.00-10.00pm	
	Longbridge Methodist Church B45 9TY	
2023		
August 3 <sup>rd</sup>	Midweek Club Meeting (Build Night)	
August 6th	Avon Show	yes
August 20 <sup>th</sup>	Club Meeting	
September 7 <sup>th</sup>	Midweek Club Meeting (Build Night)	
September 17 <sup>th</sup>	Club meeting (meeting cancelled, attending	
	Blue Lamp show)	yes
	Blue Lamp Show	
October 5th	Midweek Club Meeting (Build Night)	
October 15 <sup>th</sup>	Club Meeting + AGM	
November 2nd	Midweek Club Meeting (Build Night)	
November 11 <sup>th</sup> /12 <sup>th</sup>	Scale Model World, Telford	Yes
November 19th	Club Meeting	
December 7 <sup>th</sup>	Midweek Club Meeting (Build Night)	
December 17 <sup>th</sup>	Club Meeting-Christmas Party	
2024		
November 9 <sup>th</sup> /10th	Scale ModelWorld, Telford (60 <sup>th</sup> Anniversary)	yes

## THE ROTUNDA

#### EDITOR'S CORNER



I've said for a while now that I'm being a lot pickier about what kits I buy, instead of falling into the "ooo shiny" magpie trap that so many of us fall into.

It means when I am shopping, I'm looking for more unique or unusual kits or something with a lot of interest for me.

I regularly check eBay for a couple of things, and on this occasion, while I was looking for (And succeeding) in locating a copy of the Cruiser & Minelayer edition of Malcolm Wright's camouflage reference book, I spotted a random listing for a pair of absolutely ancient Airfix kits: A HMS Shannon and Revenge galleon job lot.

I jumped on the listing and got the two for £26, including delivery. So why did these two ships catch my eye? Well

HMS Shannon was a Leda-class Age-of-Sail frigate that captured the USS Chesapeake during the War of 1812 and is a sister ship to HMS Unicorn and HMS Trincomalee, which are both surviving museum ships in Dundee and Hartlepool respectively.

It meant Shannon alone was worth the purchase, as the ship itself has a famous history and you can see with your own eyes what the ship looked like both fully rigged (Trincomalee) and in Ordinary status later (Unicorn).

Revenge is an English galleon of the 1500's and has its own famous history. Firstly, as part of the English fleet that defended England against the Spanish Armada, and then when the English launched an attempted assault on Spanish waters, was caught, isolated and fought the entire Spanish Fleet alone, holding off successive boarding assaults alone through the night, surviving until the next day before surrendering on favourable terms, and then to rub salt into the wounded Spanish pride, promptly sank in a severe storm.

To make it even worse (from the Spanish perspective), at least two Spanish ships also sunk in the same storm directly due to damage Revenge had inflicted on them, so not only was the Spanish fleet denied the capture of Revenge, it cost them two, potentially up to five ships of their own (Although it did repel the English attack, so was a strategic victory for the Spanish overall)



Revenge's stand against all odds, surrendering when only ammunition was low, a large number of the crew were injured and the ship was little more than a well-holed, dis-masted hulk, was a heroic action that rightly earned praise.

Both ships and their famous stories are cited as examples of the level of skill, courage and determination that the Royal Navy strives for, and so I absolutely wanted to get my hands on these, which I did.

# **Something For July**

On the 27<sup>th</sup> of July, just a few days after I'd got everything written up and ready to go, Airfix dropped a bit of a bombshell on the modelling community by randomly announcing a brand new tooling for a 1/48 Sea King helicopter.



The kit, containing 353 parts covers 3 different versions with four different decal sets, appears to been met with a lot of excitement. I confess that I'm not a big helicopter builder, although I'm obviously aware of the legendary helicopter, which still serves today, with a number of retired RAF models having been gifted to Ukraine for the use as medivac transports.

An Airfix blog (linked in the Airfix icon) covering the release even gives a bit of history into the four aircraft offered in the kit, something which always interests me.

It's currently listed as pre-order, but in my experience, Airfix are pretty consistent when it comes to release dates and with the kit set for "summer release" it's likely to be shipping in the next few weeks.



Link to Airfix's shop is also below, just click the box art for that link



The more curious thing to me is not the kit itself, a Sea King is always a popular subject for modellers, but the timing. This announcement seems to have been a genuine surprise. In an age where new product releases as at best largely substantiated rumours, for Airfix to have kept this under wraps is mildly impressive.



Reading the Airfix blog, the company seems to be rather pleased with itself, both for the kit itself, but also for the fact it kept the news of this kit so secret.

The timing is also curious. If the aim was to have it on sale for school summer-holidays, well it's a bit a late, but other than that there's no real obvious reason for it to be released now. I don't recall Airfix talking about a surprise summer release in their new year product launch so it all seems a little random.

Perhaps the project got ahead of schedule and the kit was originally intended for a lateautumn/early winter release, so Airfix made the decision not to sit on a pile of ready-to-sell products? Your speculation is welcome.

## **Announcement**

I've decided to make this announcement now: I will be standing down as Newsletter Editor at the end of 2023.

I've already notified the rest of the committee.

I've been in the role for five years, having taken over from John Duffield from 2018 onwards. As Roland said about his time as Chairman; five years is enough time to put one's own mark on the role, but also long enough to have reached a natural end point. And so it is for me.

The other reason is that I simply do not have enough free time to be generating an entire newsletter, including articles every month. It sucks up a good chunk of my free time and I've realised that one of the reasons I do so little actual model-making is that all my energy and enthusiasm for the hobby is being drained by the newsletter.

The best example is when I consider my participation in the annual theme. We are now at the end of July, and of the five builds I had planned for the theme, I have submitted none of them, mostly because they're not finished, or even started.

I've had it suggested that I make a more 'basic' newsletter, but that's not the kind of newsletter I want to create. My target from day one was always a more 'magazine' style rather than a literal letter of news. To drop below that level would be completely unpalatable to me.

However, as John always said, this is not *my* newsletter, I'm just the editor. It's *your* newsletter, and the lack of input from members, despite my constant requests both in general and to individuals, means there is just not enough input to create the more magazine style I aim for.

There are other factors involved in addition to those primary ones but ultimately, I just have little enthusiasm for it anymore, it's become more of a chore and a burden which is obviously not good for my mindset, but also has a negative impact on interactions with members and it's important to recognise that is a sure sign that it is time for me to stand down and let someone else take the reins.

I will also make it clear now: I will not be canvasing for my replacement. It's for you, the membership, to step up and get involved. One reason to announce this now is so there is time for others to consider if they might want to take up the role and put their own mark on the club and to ask myself and the members of the Editor Alumni about the role.

# **Final Thought**

On a more enthusiastic note; we're well into the 'show season', with the Coventry Summer Show behind us, the first Sunday in August sees us head to the Avon Model and Wargaming show, a great event with a little twist on the usual displays.

I subscribe to the idea of trying to take different kits each time I go to a show, rather than the same builds every time, and I will definitely be bringing along a few of my Warhammer 40K builds.

I don't play the table-top game these days but I did for a while when I was a teenager and I do enjoy the building of the kits; the quality is always excellent and there's so much scope for variation and customisation, which is always a nice change from a kit that is based on a historical object.

I definitely recommend going, whether as part of the club and display, or as a paying guest.

# Membership

Just a reminder that as we are now past may, club membership rises to £25 for the rest of the year.

# IPMS BIRMINGHAM

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# WhatsApp Group

We have established a Club WhatsApp Group for general chat, sharing pictures, and generally giving members another way to keep in touch on short notice.

If you want to be a part of that please get in touch with one of the committee and we can get you added.

# **Competition News**

Another quiet month, as is often the case in the summer, but as ever it doesn't mean we see any less quality, in fact when I went to carry out my civic club duty and vote, I agreed with the sentiment that it was so difficult to pick a winner, it was easier to just ask a Random Number Generator to pick and it would be a deserving winner.





But, a winner was needed and that winner was Mark Smith, with his Hawker Tempest & Bedford QL Refueller Diorama.



Mark also took home second place with his Lockheed P38 Lightning.

George Green took a well deserved third place with his F-16C 'Jason'.

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Andy Gore took fourth place with his Folland Gnat T.1 and Chris Woodrow took fifth place for his Zodiac Cancer Figurine, a build for the now-cancelled Zodiac mini-project and an insight into what could've been a really awesome cross-club project.





#### **BRANCH COMPETITIONS LIST FOR 2023**

COMPETITION	TIMESCALE	SUMMARY OF REQUIREMENTS
EAGER BEAVER	JAN-OCT	Any modelling subject. One yearly winner - most points acquired over the year.
THEME	JAN-OCT	2023 theme is "MYTHOLOGY" Any model which reflects this theme is eligible. All points gained are also counted for the Eager Beaver Trophy, all entries qualify for T.A.Trophy.
BRANCH CHAMPIONSHIP	DEC	All monthly winners plus Charity Trophy winners return at December (party) meeting. Winner voted by club members.
RON ROWLEY	DEC	Trophy for the member gaining the most certificates as overall monthly competition winner. (Theme & Eager Beaver combined).
BILL NICHOLLS CHARITY TROPHY	DEC-MAR	Donated kits are drawn at random at Dec. meeting. A payment of £5 per kit is levied. Kits should be built and displayed at the April meeting. All proceeds to charity.
HUDSON*	JAN-OCT	Awarded for any conversion - it is not enough to apply different decals and/or colour schemes - winner is the highest scoring conversion of the year. Super-detailing is NOT conversion. <i>Entrants must give details of modifications.</i>
BEST ALL- ROUNDER*	JAN-OCT	Members submit models in <b>at least 4</b> of the <b>7</b> categories (Figures, Military Vehicles, Civil Vehicles, Dioramas, Aircraft, Sci-Fi & Ships). Subjects that have been entered in Eager Beaver are eligible, as this is a "one-off" competition.
JAGUAR*	JAN-OCT	Any subject which can, in any way, be associated with the word Jaguar. <i>Entrants must clarify the link if it is not obvious.</i>
BUSTS, FIGURES & FLATS*	JAN-OCT	Specifically for those who like to model figures in 2D or 3D.

IVOR DOWE	JAN-OCT	Any diorama in any theme
SCI-FI & FANTASY	JAN-OCT	Any models that link to a science fiction or fantasy theme or setting.
THREE OF A KIND*		Three models on a linked, e.g. 3 variants of the same tank, aircraft, etc. 3 models depicting the evolution of a type - e.g. Mig 15, Mig 17, Mig 19. There must be a strong, well-defined link. All 3 must be entered at same time.
RON ADAMS MEMORIAL*	JAN-OCT	Any ship, vessel, etc whose working environment is on/in/under water
BEST RUSSIAN AIRCRAFT*	JAN-OCT	Any aircraft designed in Russia/USSR, whatever the markings. Alternatively any aircraft of any origin in authentic Russian/Soviet markings
TRANS-ATLANTIC	NOV	A joint effort with Syracuse Branch. Alternate years one branch nominates a theme. Each Branch judges their own models and photos of the other branch's models, they then declare a UK and a US winner.
BEER MATT CHALLENGE	NOV	A mini-diorama set on a base 110mm x 110mm. The diorama must not overlap the edge of the 'matt' and a max of 4 lengths high.

The above table outlines the list of competitions on offer throughout the club year. Following discussions held at the AGM in November 2018 the competitions marked (\*) are under review because of poor take-up in previous years; if the trend continues these competitions could be revised or even scrapped.

A Trophy will only be awarded if there is more than one entry in the relevant competition. In the **10 months Jan to Oct** 

A section of the competition table can be set aside for members who wish to display models (complete or part built) but do not wish to enter them in competition.

#### **Sunday 21 May 2023**

#### **Redditch Forge Mill Museum**

Forever Forties Weekend – a celebration of WWII (not the whole 1940's)



Well, as a 'spare part' to the day's organisational proceedings; Dave Childs and Dave Jeffery having done an excellent job of the hard work in preparing for the display, I was there to allow Dave J to have time to wonder around collecting a few photographs and walk around with his family. I had hoped to contribute models for the display but the move



back to Birmingham recently left many of them inaccessible or requiring repair.

Anyway, the day was sunny and warm at least out in the open air, the club display (together with a model boating club) was secreted away in the rather cool and windy Abby cloisters, the lighting was not great but people managed eventually find us when it was realised something was happened in the cloisters (perhaps a sign 'model display' might help by the entrance doors?).



Dave J had provided 20 or so 1/72<sup>nd</sup> scale mainly British or American WWII aircraft. Dave decided to not display any axis types or minor allied or axis air

forces and NO Russian because of the current nastiness going on. Dave also provided four 1/48<sup>th</sup> scale vehicles and one ship to show some variety.

Passing public was limited some 60 or so odd souls passing by with say half actually stopping to chat or ask questions, none too technical but what the hell after all 'no one expects the Spanish Inquisition'!



We did spend some time discussing what might have been missing from any future club display and the immediate one was 'civilian vehicles or larger ships' several which (cars anyway) shood gleaming out in the full-size external displays. Maybe some of the 'Dads Army' improvised vehicles might be added.



If we do something similar next year Dave suggested we might major on D-Day 1944 to link all exhibits together, several 'mythological' subjects come to mind – oh I had better get my Centaur built!

Nice small venue for a day out, not really a model event but nice to get out and about with a like-minded modeller to chat with as a bonus. Shame it clashed with the club meeting.

## **KOTARE 1/32<sup>nd</sup> scale Spitfire Mk. Ia (mid production)**

Latest news from John Kesler IPMS Syracuse (April 2023)



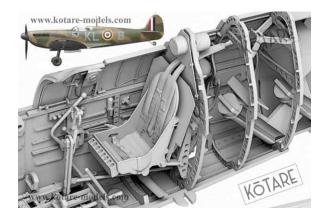


Hi Roland, you too IMM and TARGET people,

This is a nice Spitfire kit. I'll stop short of calling it a great kit due to some minor but important omissions.

Very well moulded with beautiful panel line engraving and fabric texture on very high quality plastic. This looks like a Tamiya or Hasegawa kit in the box.

Kit provides a ton of internal fuselage and wing detail including a separate full length wing spar. No Merlin engine is provided but that's not necessarily a handicap. An extended beefy prop shaft with bushings is provided in case you want a spinning prop I guess.



A ton of cockpit and behind cockpit detail is provided. All the little separate fiddley bits both in and behind the cockpit are provided including a beautiful reflector gun sight. Separate and very detailed cockpit sidewalls provided and are assembled with the cockpit resulting in a sturdy highly detailed tub to be inserted into the fuselage.

A lot of attention has been paid to eliminating typical fuselage and wing root seams and clean-up. A very nice touch is separate wing root fillets, just like on the real aircraft, that will make for neat and easy wing root clean-up. Same for the upper fuselage, a separate one piece top fuselage fillet piece will eliminate

the upper fuselage seam. Separate engine cover pieces take care of the fuselage seams forward of the wind screen. Same for the under-nose seam, a separate oil tank panel eliminates the typical seam from the prop to the wing leading edge.

Separate ailerons, rudder, and a separate multi-position elevator are provided but no provisions made for dropped flaps. You want to drop the flaps you're on your own.

Kit provides you with two separate props and spinners. The Rotol RX5 and DeHavilland DH5 props with their respective spinners are provided.

Beautiful underwing radiator and oil cooler detail. Same goes for the wheel wells.

Where the kit falls down is really minor but is still is disappointing, at least to me. The exhaust stacks and machine gun barrels are a bit of a let-down. The exhaust stacks are a two-piece affair, top and bottom leaving a noticeable seam if you're not careful. After all the care taken in eliminating the main fuselage and wing root seams interjecting the possibility of very noticeable and difficult exhaust stack seams is a bit of a head scratcher. Then you're asked to drill out the exhaust stacks tips! Hello aftermarket resin replacements. Same goes for those famous Browning 303 machine gun barrels. They need to be drilled out too! Hello aftermarket metal replacement barrels.

An absolutely stunning decal sheet with markings for three different aircraft and all those typical Spitfire stencils is provided. Alan Deere 54 Squadron 'Kiwi', Richard Hardy 234 Squadron 'Dirty Dick', SJ Arnfield, Douglas Corte, & John Ellis 610 Squadron DW-K are your decal options.



The highlight of the kit is the high-quality full colour instruction magazine full of aircraft history, paint colour chart, 14 step assembly sequence, individual aircraft full colour profiles, decal placement, and aircraft and pilot bios.

A nice diagram is provided detailing the proper Spitfire main landing gear strut and wheel alignment. How to hints are provided if you want to rig control cables and trim wheel chain from inside the cockpit down the fuselage (viewable through provided open inspection panels if you choose).

Again, in my humble opinion, this is a very nice Spitfire Mk. I kit in 1/32nd. scale. Probably the best Mk. I kit in this scale. Price is reasonable for the scale with the amount of included detail. Stops just short of being a Zoukei Mura kit but exceeds the current Tamiya 1/32nd. Spitfire kits.

Parts count appears to be a very modest 117 and no etch frets to mess with. Quoted at retail £94.95 plus postage here in the UK, no doubt it may be cheaper on evilbay!!

#### Internet Discussions:



There appears to be some discussion or query as to the correctness of the grey code letters and the yellow on the roundels. It's you decision as to what is correct or not or if you need to buy after-market decals.

Sorry IMM and TARGET people, NO track links, road wheels, flat fenders, picks, shovels, or zimmerit here.

John Kesler hindered by TARGETMAN 2023

#### Airfix 1:400 HMS Shannon

#### History and Build - Part 1



#### **Build Report:**

I wasn't sure what to expect what I cracked open this kit (Unbending the staples rather than ripping into the bag, obviously). My previous foray into early-edition Airfix kits; the 1959 Fiat G91, was a pleasant experience. It was basic as heck, but as a build, it was quite painless.

But equally, the boxing of the kit dates from 1967 based on Scalemates timeline, and the mould is from 1954! So this pile of plastic is approaching *60* years old, meaning there's no guarantee it'll be in good condition and for the best will in the world, manufacturing has come a LONG way since this kits mould was first produced nearly 70 years ago.

However, these bagged kits seem to get much better care than boxed ones; some test fitting suggests the hull, deck and masts are all straight and line up; the hull and deck will hold together without glue, and the masts are a snug but easy fit.

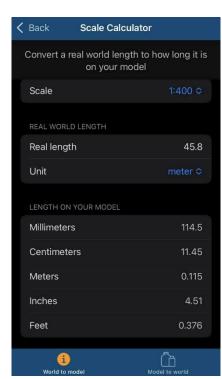
The stand also goes together with no trimming. All good signs.

But there was one burning question for me: What scale is it? Neither the kit, nor Scalemates could tell me, so I broke out a tape measure, pulled up Shannon's Wikipedia page and opened my ModelColours app, which now includes a feature for scaling.

The Wikipedia page helpfully specifies the length of 150ft 2in (45.8m) as being the length of the gundeck, which is good because I was measuring the gun deck, ie the hull without masts.

The length is about 11.5cm, and as you can see, according to the scale tool in ModelColours, a real-world length of 45.8m at 1:400 scale is 11.45cm. I am happy to accept this as the scale and that the kit is probably fairly accurate to scale. Great stuff.

The white plastic is decent quality, a long way from the horrid, cheap, nasty shiny plastic that characterises kits in the 70's and





80's. The detail is ok; basic but acceptable. Everything is here at least.

The sails are one section per mast, which sees to make sense for the scale. The detail of the masts look a little exaggerated for the scale, but that feels more like production limitations. The masts also show some evidence of a poorly aligned mould but overall, for the age of the kit, it all looks pretty good.

In fact, I went kind of mad with the detail painting on the deck. I ignored the instructions of just brown. I did my usual technique on the deck for light brown with a dry-brushed dark brown. The carronades on the deck got the barrel, carriage and wheels all painted and I did a bit of detailing on the deck features, which while basic, is all there and identifiable, which for the age of the kit and small scale is actually pretty impressive.



The hull and deck went together pretty well, everything lined up rather nicely. I applied the traditional scheme for Royal Navy ships; black hull with white bar and black gun ports which can be seen on both HMS Unicorn and Trincomalee, both of which provide me painting reference, particularly HMS Trincomalee, which shows the Leda class and therefore Shannon, as it probably would have appeared in service, including the masts.

One of the unique features is the markings. These are not decals, or even stickers. No, these are printed on the instruction sheet which you simply cut out and stick on. I was initially a bit sceptical but having stuck the name plate to the base with PVA, I went for the potential make-orbreak; the cabin windows, but with the thin instruction sheet and a bit of PVA, it went on really well and while not perfect; the black is a little faded, but it works well on an

otherwise plain stern. In fact I was rather impressed; it's a nice touch.

The sails themselves I went for an offwhite to differentiate them from the white of the hull, which my large stock of enamels provided perfectly, and old tin of Humbrol 147, which when mixed and a literal drop of thinner made it paint beautifully and the colour was absolutely spot on for what I wanted.

As I was putting the kit together, I noticed the instruction sheet included an



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illustration of rigging and the masts had points on them that would allow the ability to rig the kit up, and the sails had notches for the same. So that's exactly what I did.

And it worked really well. I had my USS United States kit instructions as a reference for a basic rigging layout. I used a piece of wire for the ensign as it was a bit heavy for the string I was using for the rigging and I'm really satisfied with how it's come out.

One of the things I was struggling to ignore while I was rigging the kit was the lack of rat lines, and my eyes happened to catch the

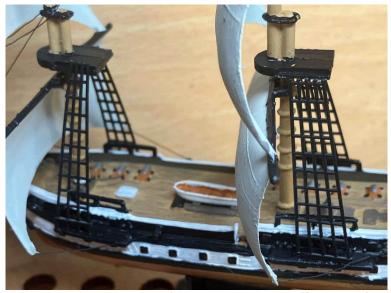


stripped off parts of my old USS United States that is in the progress of a conversion to HMS Unicorn, which included the now removed rat lines, at which point a light-bulb moment occurred and I

started chopping up the spare rat lines to represent them on Shannon.

Are they in scale? Absolutely not, but neither is a lot of the kit and after doing a test with one, I decided it looked exactly how I wanted and so proceeded to repeat the process of chopping for all three masts and overall, I'm genuinely thrilled with the effect.

And that's it, the Airfix 1/400 HMS Shannon is complete, and I have nothing but good things to say



about the kit. It has its limitations sure, mostly related to scale of details but like a lot of older Airfix kits, while this detail may be basic, it is still present.

The other thing is that despite the kits age, the fit is pretty good and the design is excellent; someone really thought about how to make a kit for all abilities, something I do appreciate.

For less experienced modellers, just slap a coat of brown on the whole thing, glue a few bits in place and job done. For the more ambitious modeller you can indulge in paint detailing and the design even includes provision for rigging.

It's all really, really impressive and I'm kind of sad this kit will probably never see a new production run as it's an excellent kit that is superbly designed with an interesting subject.



Speaking of which, I have indeed done a write up for the history of HMS Shannon, but this has already run long so that will be a Part 2.



 $\mathsf{MD}$ 

# Mythological THEME for 2023 (Jan>Oct incl.)

- relating to mythology or myths: myths dealt with in a mythology: lacking factual basis or historical validity: mythical, fabulous.
- Check with George if you have any doubts about your proposed entry!

The object of these articles is to illustrate some (**not exhaustive**) concepts and show modelling potentials available to you, some might be controversial, but what the hell!!

#### **Part Eight**

# 'Demons' // 'Devils' // 'Dragons part A'

I was intent on doing all of 'Dragons' here as well but it was getting far too big a file so just a few tasters for you!!!

#### **DEMON'S**

#### A demon is a malevolent supernatural entity.

Historically, belief in demons, or stories about demons, these occur in religion, occultism, literature, fiction, **mythology**, and folklore.

Belief in demons probably goes back to the Paleolithic age, stemming from humanity's fear of the unknown, the strange and the horrific. In Ancient Near Eastern religions and in the Abrahamic religions, including early Judaism and ancient-medieval Christian demonology, a demon is considered a harmful spiritual entity which may cause demonic possession.







Demonic figures from eBay

#### McDonnell F3H



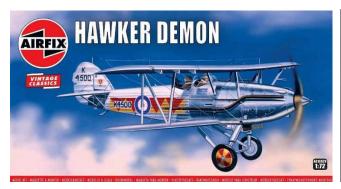


Demon is a subsonic swept-wing United States Navy carrier-based jet fighter aircraft. The successor to the **F2H Banshee**, the Demon was originally designed to use the Westinghouse J40 engine but had to be redesigned to accept the Allison J71 after the J40 suffered severe problems and was ultimately abandoned. Though it lacked sufficient power for supersonic performance, it complemented day fighters such as the Vought F8U Crusader and Grumman F11F Tiger as an all-weather, missile-armed interceptor until 1964.

#### **HG Hawker Demon**

The HG Hawker Demon was a two-seat fighter derivative of the Hawker Hart day bomber. Such was the performance of the Hawker Hart that it was significantly faster than the RAF's single seat fighters of the day, such as the Bristol 105 Bulldog.

The Hawker Demon was designed against Specification 15/30, which was drawn up around the performance of the existing Hart design by Sydney Camm. H.G. Hawker modified the first production Hawker Hart (J9933) to act as a prototype Hawker Demon although it was originally known as the Hawker Hart Fighter.





The main changes from the Hart were the use of a 560 hp supercharged Rolls-Royce Kestrel V(DR) engine and a downward sloping rear cockpit coaming, which afforded a better field of fire for the rear gunner.

Two fixed forward-fining Vickers machine guns were fitted in troughs on either side of the fuselage. Under-wing racks could be fitted for the carriage of light bombs, when required.

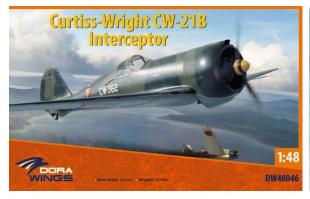
#### **Curtiss-Wright CW-21 Demon**

Curtiss-Wright Model 21 (also known as the Curtiss-Wright Model 21 Demonstrator, the Curtiss-Wright CW-21 Interceptor, the Curtiss-Wright CW-21 Demon) was an American fighter-interceptor developed by the St. Louis Airplane Division of Curtiss-Wright Corporation during the 1930s.

In April 1940, the Dutch Army Aviation Brigade Luchtvaartbrigade, desperate for modern combat aircraft, placed an order for 24 CW-21Bs from Curtiss-Wright.









After the Battle of the Netherlands, which resulted in the Dutch Army surrendering to the invading Germans on 15 May 1940, the order for the CW-21Bs (together with a number of Curtiss Model 75 fighters and Curtiss-Wright CW-22 trainers), was transferred to the government of the Dutch East Indies (now Indonesia), for the Militaire Luchtvaart van het Koninklijk

Nederlands-Indisch Leger ("Military Aviation of the Royal Netherlands East Indies Army"; ML-KNIL).

#### DEVIL'S

**Satan**, also known as **the Devil**, and sometimes also called **Lucifer**, is an entity in the Abrahamic religions that seduces humans into sin or falsehood. In Christianity and Islam, he is usually seen as a fallen angel or jinn who has rebelled against God, who nevertheless allows him temporary power over the fallen world and a host of demons. In the Quran, **Shaitan**, also known as **Iblis**, is an entity made of fire who was cast out of Heaven because he refused to bow before the newly created Adam and incites humans to sin by infecting their minds with *waswās* ("evil suggestions").

A **devil** is the personification of evil as it is conceived in various cultures and religious traditions. It is seen as the objectification of a hostile and destructive force.







Figures from ETSY, eBay and ALIXPRESS

## **Kriegsmarine U-Boats**



This DEVIL emblem first appeared on U-57 under the command of Kptlt. Claus Korth. There were two variants: a devil with a torch, and a devil netting a small boat with Winston Churchill on board (designed by the WO Oblt. z. See von Hartmann). **Erich Topp** took over the **red devil** and made him famous, displaying him on U-57, **U-552** and U-2513.

Topp wrote of: "The two dancing red devils carrying the torches of life and of destruction."

Kptlt. Werner Klug was an officer on U-552, and later used the red devils on U-794 and U-1406.









Marine Fighter Attack Squadron 232 (VMFA-232) is a <u>United States Marine Corps F/A-18 Hornet</u> squadron. Nicknamed the "Red Devils", the squadron is based at <u>Marine Corps Air Station Miramar</u>, <u>California</u> and falls under the command of <u>Marine Aircraft Group 11</u> (MAG-11) and the <u>3rd Marine Aircraft Wing</u> (3rd MAW). The Red Devils are the oldest and most decorated fighter squadron in the Marine Corps.











# MI ANG - RED DEVIL'S special 100 year centennial colour scheme 1917 - 2017

The Michigan Air National Guard (MI ANG) is the aerial militia of the State of Michigan, United States of America. It is, along with the Michigan Army National Guard, an element of the Michigan National Guard. The Michigan Air National Guard is also an Air Reserve Component of the United States Air Force.

107th Fighter Squadron is a unit of the Michigan Air National Guard 127th Wing. It is assigned to Selfridge Air National Guard Base, Michigan and is equipped with the Fairchild Republic A-10 Thunderbolt II aircraft.







#### The JERSY DEVIL's

177th Fighter Wing (177 FW) is a unit of the New Jersey Air National Guard, stationed at Atlantic City Air National Guard Base, New Jersey. If activated to federal service, the Wing is gained by the United States Air Force Air Combat Command.

The 119th Fighter Squadron assigned to the Wings 177th Operations Group, is a descendant organization of the World War I 5th Aviation School Squadron (later 119th Aero Squadron), established on 5 June 1917.

It was reformed on 30 January 1930, as the 119th Observation Squadron, and is one of the 29 original National Guard Observation Squadrons of the United States Army National Guard formed before World War II.

In July 1988 the 177th started receiving their first F-16 Fighting Falcons, a compact, multi-role fighter aircraft. The initial F-16A/B's were of the Block 15 type, replacing the aging F-106 in the air defense role. Since this was the primary role of the unit, it was decided to upgrade these airframes with the Air Defense Fighter (ADF) variant. To that date the unit also flew some F-106s aside the F-16. The 119th FS was the last USAF unit to withdraw the F-106 from operational duty.

In 1994 the squadron started trading in their ADF version of the Falcon for the more advanced block 25 version. In September 2007 the first USAF F-16Cs to be retired to AMARG were from the 119th FS who sent two to the desert boneyard. During this transition the mission of the squadron remained. This being a double task as an air defence squadron in the northern section of the US and as a multirole squadron to carry out contingency operations abroad.





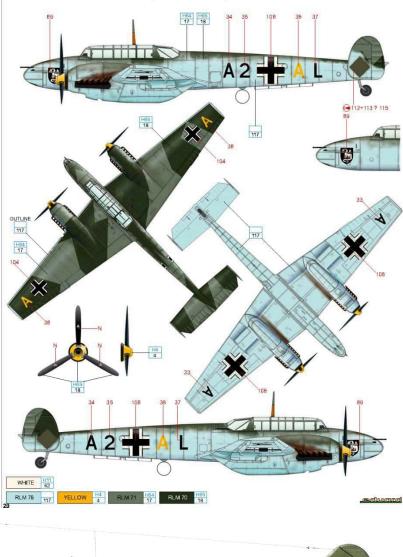


#### **Luftwaffe dragons**

#### A Bf 110 C, 6./ZG 2, Eberhard Heinlein, Gyancourt, France, 1940

6/ZG 2 was formed out of 3/ZG 52, and its aircraft still carried the original emblem of Zerstörergeschwader 52. The original dark camouflage color was, based on combat experience, oversprayed over the fuselage sides, engine cowls and tall surfaces with the bottom side color. Hauptmann Eberhard Heinlein served later as Gruppenkommandeur L/ZG 2, but his career ended with a fatal non-combat flight on September 28th, 1940. Kommodore of ZG 2 at the time was Major Friedrich Vollbracht, who, during the course of the First World War, served with Jasta 5.

sarveu wili Jasie 2. 6. ZG 2 byla vytvořena z 3/ZG 52 a její stroje stále nosily na přidí původní emblém Zerstörergeschwader 52. Původní tmavá kamufláž stroje byla na základě bojových zkušenosti zesvětlena přestříkáním boků trupu, motorových gondol a svislých ocasních ploch barvou spodních ploch.
Hauptmann Eberhard Heinlein pozdějí působil jako Gruppenkommandeur L/ZG 2, ale smrtelně havaroval během neoperačního letu 28. září 1940, Kommodorem ZG 2 byl v tě době Major Friedrich Vollbracht, jenž během 1. sv. války sloužil u Jasta 5.







Zerstörergeschwader 2 (ZG 2—2nd Destroyer Wing) (lit. destroyer wing) was a Luftwaffe heavy/destroyer Fighter Aircraft-wing of World War II. Destroyer Wing) was formed Zerstörergeschwader 2 (ZG 2—2nd with one Gruppe (group) before the war.

## F-16 Dragons













# Other Dragon bits!







