

The Seppish 9.2 Delphin was designed during the 2nd quarter of 1917 to make use of the promising new 200lp Hignans-Suiza VS gassed 'Histor' singue bath's and as to 1 perceive HSSAD 2II and 1815. So use there oversiming consideration was to overcome the gassed Histor's singue bath's and the second of the secon

It was pretty much in this form that the initial production Dolphins were delivered in the Normber 1917, easipet they had reduced magnitive wing stagger and sets the understanging Vest strutt. In twice Lines in gas proved heavy and cumbersomes on the party muse quickly deleted, and frequently the starboard gain was removed in service. Early production, Sepords 57: I Dolphins featured a flatch production of the party of the starboard gain was removed in service. Early production, Sepords 57: I Dolphins featured a flatch production of the party of the starboard gain was removed in the party of the

Supply and tabality problems with the 200th Hignans-Stain 18 general Histor ongine round contains to plague the Dolphin for most of its service (as the rid for the ESE-Stain 18 time) That recently all became oull regreted as a high althread feature. Becoperated the 18 plage of the 18 p

WPI aircraft colours are contentious at the best of times and we have done our best to provide what we consider to be accurate pointing informations, spopishts' General perforagement of Fusage Parke' drawing perforise that the fashe's. I.-. nerview's Cost of Cellon Depe & 2 cause of P.G.(si). No.10 Figurent known as 'Cellon Scheme A' P.Cl'Owas made from mixes of vyllow other, rom oxide and lamp black givents and could vary between olive drab and chocate brown depending on the mix and time spent exposed to the elements. The undersides of the vings, talphane and fusages were left clear doped Irish linen. Wooden fusalage parates, metal cowings and strust were painted a dark batteriles piger although some were clearly painted in a dark colour long arthough some west cellury painted in a dark colour rought when there were the contraction of the fabric areas. Metal brackets and tittus were mixed in early abstruct as exhibited a gloss appearance when new which would lost such fame relatively quolify in ervice.

32.5ft (9.90m)	22.25ft (6.78m)	2008 lb (911kg)	128mph (206kph)
(all types) 1779	June 1917 to July 1919	200hp Hispano-Suiza geared V8	
21000ft (6400m)	2x.303 (7.7mm) Vickers Mk.1*, up to 2x.303 (7.7mm) Lewis guns and 100 lb (45kg) of bombs		

Windowk Datalie 54 Spreith Delphin, J.M Bruce, 1995. - Sepreith Aviation Co Led deswings — The Spreith Delphin in RFC, RNAS, RAB - Polith Service, Cross & Cochade International 2012. - Technical Notes Spreith Delphin STL, Royal for Your Polity 31: - Ringspert Vol.147 8, Selection 1913. - Soppidit Delphin STL, Royal for Your Polity 31: - Ringspert Vol.147 8, Selection 1913. - Soppidit Delphin The Window Aviation [2012. - Solit) Overs — Private Collections. — 2014-14 Seation Heritage Twent



Choking hazard. Keep small parts and plastic bags away from children. Use glue and paint in a well ventilated area. Always wear protective eyewear when cutting and a protective mask when painting, gluing and sanding. Do not breathe dust from polyurethan ersin parts (if include). Beware of sharp edges on metal parts. Warning:

Assembly: Read all the instructions carefully before starting assembly. Use glue intended for plastic models. Assemble metal and resin parts (if included) using Cyanoacrylate (CA) or epoxy glue. Before assembly select a marking option and note optional parts required in instructions.

If installing rigging please drill out all location holes with a 0.5mm drill bit to a depth of at least 1mm. To make Rigging: rigging as simple as possible we recommend using stretchy elastic type material like 'EZ Line' etc and not trying to replicate any turnbuckles.

Only use paints designed and suitable for plastic model kitsets. Painting:

Cut out each decal as required. Soak in warm water for 15 seconds. Slide off backing paper onto gloss painted surface of model (not just clear coated plastic). For large decals it is helpful to apply a drop of water to the area they are being applied to. This will make it easier to maneuver them into the correct position.

Hints & Tips: Please visit our website for additional photos, hints and tips to assist you in getting the best result from



Part Number

Photo Etch Part

Do Not Cement



Decal



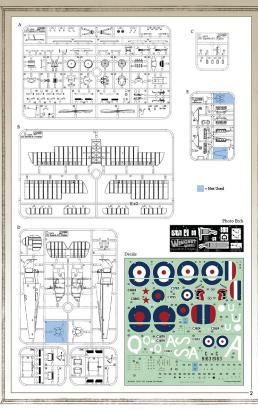
Cement For Metal

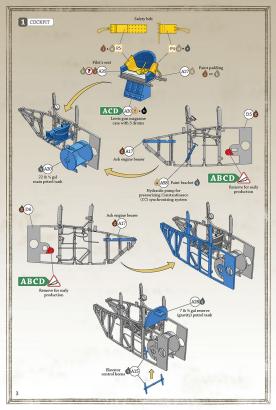


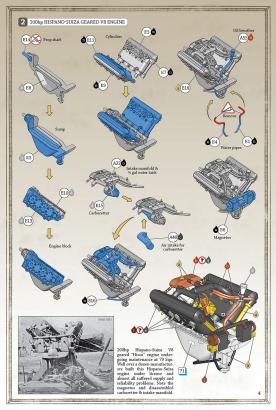
Paint Colour

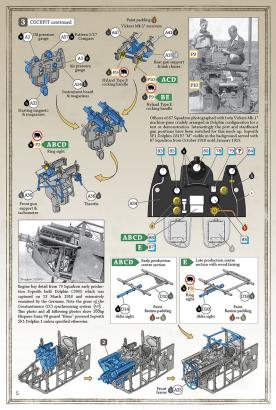
				Federal Standard
a	Brass	X31	54	
b	Copper	XF6	12	
c	Gun Metal	X10	27004	
d	Aluminium - matt	XF16	27001	
	Steel	XF56	27003	
f	Light Wood* - semi gloss	XF78*	93*	20340*
g	Dark Wood* - gloss	XF68*	160*	20111*
h	Rubber - matt	XF69	66	35042
	Leather - semi gloss	XF52	62	20219
	Irish Linen - gloss	X2 (x10) + XF55 (x1)	22 (x10) + 148 (x1)	17886
k	PC10 dope (greenish) - semi gloss	XF62 (x2) + XF10 (x1)	-	26120
1	PC10 dope (brownish) - semi gloss	XF62 (x1) + XF10 (x1)	170	26120
	PC10 paint - gloss	XF62	170	24083
	Black - semi gloss	X18	85	
	Dark Mustard Yellow - semi gloss	XF4 (x1) + XF59(x1)	94	-
p	Red - semi gloss	XF7	60	21350
g	Battleship Grey (BSG) dark - semi gloss	XF24 (x2) + XF74 (x1)	123	26081
r	Rust - matt	XF9	113	30061
\$	White - semi gloss	XF2	34	
t	Clear Red - gloss	XF27	1321	-
u	Linen - matt	XF57	121	30475
V	Battleship Grey (BSG) light - semi gloss	XF82	106	25164
w	Clear Green - gloss	X25	1325	

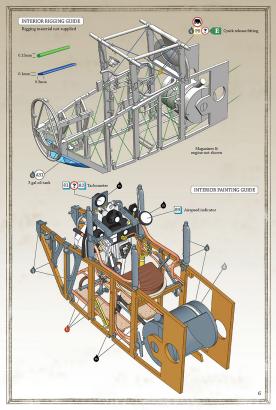
Note: Apply clear varnish to achieve the desired gloss or semi-gloss finish. "See our website hints and tips for painting wood.

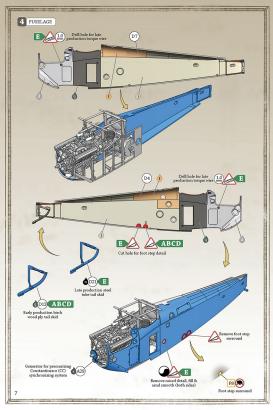


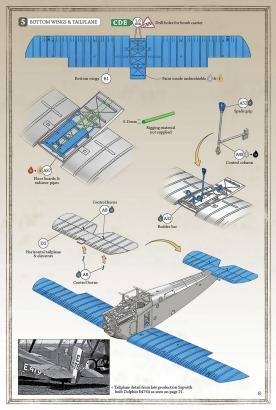


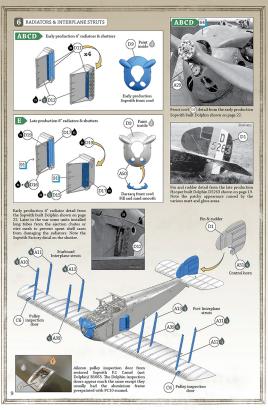


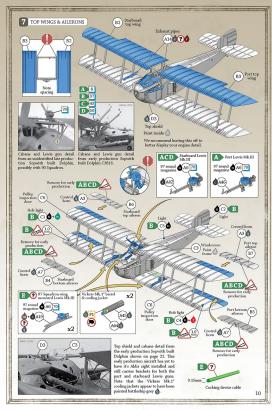


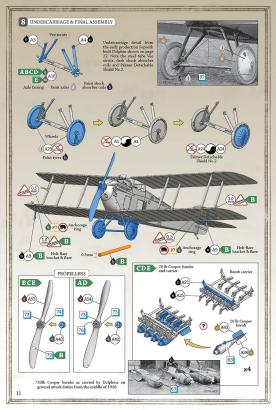


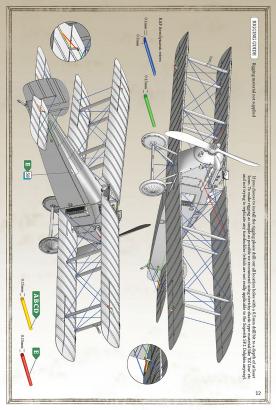


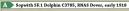












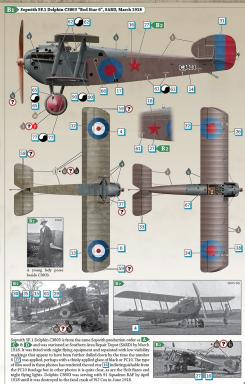




Sopoith SF. Dolphin C3785 is from a production order for 500 aircraft placed with the Sopoith Aviation Company Ltdin June 101/(numbers C3777 to C4275) and was delivered to NASE Dover in January 1918. Dolphin C3785 was one for the very first few aircraft to enter service and as such has the original twin Lewis gun armament installed. Note the early production 4" radiators and interesting "boar's bead" nose art.



Sopwith SF.1 Dolphin C3785 remained at Dover until June 1918, by which time the RNAS & RFC had combined to form the RAF2 months earlier, then served with 23 Sqn RAF from late October 1918 until it was damaged in a crash landing in December 1918 when a whele fell off.



Sopwith 5E.1 Dolphin C3824 "U", JW Pearson (12 victories) & CE Walton (1? victory), C Flight 23 Sqn RAE, May to July 1918



Sopeith SF1 Dolphin CSP4 U' is from the same production order as \( \begin{align\*}{0.0000} \). \( \begin{align\*}{0.0000} \) \( \begin{align\*}{0.0000} \) and was completed in December 10.11 to use advisored to 25 Sign in May 1936 where it was a regular mont of 12 victory. American as 30 W bracom until it was wrecked in a crash by CS Waldron on 13 day 1945. The 23 Squadron unit marking at this time was the white due cere behind the indeape coaleds with Cfight acreat using letter 17, U, W, W, SE expended on the feating-ge pine. Reportedly 12.2 Squadron aircraft had their wheels patient white but photographic evidence tends to indicate that CFlight had red or simply PC10 which. All state on their production 25 Squadron Sporth SP 13 Dolphin U', orderlypt 3 before by Paranon sports to have wheth. All state on their production 25 Squadron Sporth SP 13 Dolphin U', orderlypt 3 before by Paranon sports to have been sport to be a state of the sport of

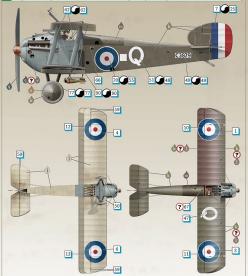
James William Pearson was from Bridgeport Connection USA and traveled to Canada to join the RFC in 1917. After training in Canada and the UKe was posted to 25 Supadorion in any 1912. Passeron was friging Sopport F5. I Dosplint CSSR's when he was credited with his 1st victory on 30 May, his 7nd on 3 James and 3rd and 4th in the morning of 1 July 1918. His 12th and final victory was assaded on 1 November 1918. Pearson left the RFL in September 1919 and west home to New Feery to run a successful testile business. James died in Jamesary 1938 gade 97. CE Walton was also from the USA and served in 25 Sup from 3My 1918 will 2014 July 1918. Walton switch principles (23 Alp 1916 will 2014 on he was careful with a victory over an Albatros. On the way home Walton Became lost in the dark and foggy conditions and CSS74 was wrecked in the resulting catal handing, Walton was UK.



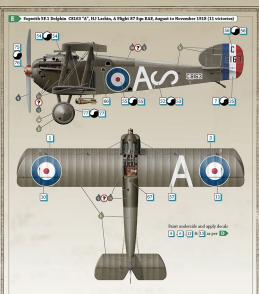
23 Squadron Sopwith
SF:1 Dolphin C4150 "Y" is
from the same Sopwith
production order as

B. D. and served
with C Flight from early
May 1918 until it was
damaged after it's engine
failed during take off in
late June 1918.

Sopwith 5E.1 Dolphin C3879 "Q", RB Bannermann, C Flight 79 Sqn RAF, August to November 1918 (17 victories)



Ronald Burns Bannerman was from Invercargill in New Zoaland, where he learned to fly in 1016. He joined the RPC in March 1917 and was posted to 79 Squadron in time to be credited with his first victory, over a Folder D VII, on 4 August 1916 while flying CSP3. He would ultimately be credited with 14 of his 17 victories while flying Soypoint Sci. 10-plikes (2879; Banerman returned to New Zealand after the war to become a burrister and solicitor, only interrupting this career to serve in the Royal New Zealand After Proc (RXZAE) during the Scond World Was. He died in August 1978 aged 87.



Sopoids 5.5.1 Delphin CSIGS 'A' is a late production sirroraft from an order for 700 aircraft placed with the Darray Motors Empirering Company 117 in July 1917 (immedre 2001 to 10,2000). Invase delivered to 255 pain late August 1918 where it was a register mount of 11 victory Astralian see (11 Ledvin, 16 & Squalton marking at this time was the borizontal 'S' seen in consideration of the control of the contro

Herbert Joseph "Jimmy" Lafain was from Brishner Australia and joined the Royal Australian Engineers as soon as war was deadened. Het evered as a singular in Egypt and Gallopial until the was wounded in September 1951 and evacuated to the UK. He joined the RC in early 1916 and initially free two seat aircraft with 5 Squadeno. In April 1918 he was posted to 87 Squadeno as commander of A Bjart and would be assembled his first two victories on 3 June while Higgs Sporth S-12 Dollopia CH273. His remaining 5 victories were all assemble while things CR305 between 2.1 August and 16 September 1915. Lafain returned to until the archy 1930-2, Lafain returned to some one of the Character and the Character and Commerce in 1927 and died on the Character (lafa of Germary in 1972 and die and the Character (lafa of Germary in 19



Late production Sopwith SF.1 Dolphin C8122 "A" is from the same Darracq production order as 

and was delivered to 79 Squadron in late 1918.



Early production 87 Squadron Sopwith SF.1 Dolphin C4137 'V', presumably from C Flight, is from the same Sopwith production order as [3]. [3]. (2) and served from mid May 1918 until August 1918 when a wheel fell off causing enough damage that it had to be sent away for repair.



Late production Sopwith SF.1 Dolphin F7065 "U" is from a production order placed with Darracq in June 1918 and served with 79 Squadron until 10 April 1919. Note that by the time F7065 was finished in very late 1918 or early 1919. Darracq was a little more generous with the application of it's factory decals, being applied almost as liberally as those of Sopwith.



Late production Sopwith SF1 Dolphin DS268 is from a production order for 200 aircraft placed with Hooper & Co Ltd in June 1917 (number DS201 to DS400) but does not appear to have been completed until very late 1918. Note the very pale battlehip (service?) grey interplane struts @ and how the mart black serial number on the fuselage appears paler than the gloss PC10 Decause of how it is reflecting the light. Also note the very late production from coof (m).



Early production Sopwith built Dolphin C3905 was delivered to 79 Sqn on 15 March 1918 and was lost in action 8 days later having amassed just under 7 hours flying time. The pilot, AGF Clarke, became a POW. See also page 5.



Unidentified late production Sopwith built Dolphin "H" or "U" reportedly with 87 Squadron. Note the 70 Squadron Sopwith 7F.1 Snipe in the background indicating this photograph was taken sometime during occupation duties in early 1919.





Sperish bull: Delphin D3700 has come to grief, apparently after the wheels of 90 Squadron Arcs 594 C500 dipped it is top wing. D5700 was subsequently repaired and continued to serve in 90 Squadron mild it was destroyed in a fatal crash in July 1916 after the pert wing tolked up in flight falling MC Brown. Note the heavily stained dear doped limin insteads bettom and missing undersheld. Decals [60] are for inspection markings applied to moving surfaces and, although not visible in any photos known to us, should probably be in the locations shown here and no page 300.



^ \sigma Late production Sopwith 5F.1 Dolphins of 1 Squadron Canadian Air Force including Sopwith built E4764 & E4776, Darracq built F7085 & F7076 and Hooper built J3 & J1 (or J14) photographed in late November 1918.

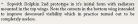








Sopwith Dolphin 3rd prototype in it's initial form before the rear decking was lowered.



< Sopwith Dolphin 1st prototype in it's latter form with extended rear decking. Note the somewhat challenging appearance brought on by the full frontal radiator.



Sopwith Dolphin 4th prototype appears very similar to production aircraft except for the wooden undercarriage Vee strutt. It was allocated the serial number B6871 and went on to serve with 19 Squadron from November 1917 until JL McClintock was shot down and killed on 26 February 1918.



Although the serial number of this early production Sopwith SE1 Dolphin is partially obscured it is almost certainly D3734 or D3754 from a production order for 200 aircraft placed with the Sopwith Aviation Co Ltd in November 1917 (numbers D3576 to D3775)

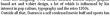


manipulation of complex 3D forms.

### Product Design by Darren Mildenhall Born and raised in Wellington, New Zealand,

Darren harnessed his creativity by attending the School of Design, graduating with a major in Industrial design. During the degree he developed a passion for form and the aesthetic appeal of a product and how to utilise CAD software to realise and levelop a concept. Joining Wingnut Wings as a 3D modeller has furthered his skill in these areas through the creation and

When not designing WW1 model aircraft, Darren enjoys graphic based art and t-shirt design, a lot of which is influenced by his interest in pop culture, typography and the retro 1950s.





### Box Art by Steve Anderson

aviation, with a special interest in the many beautiful biplanes and triplanes of World War I. The aircraft and battles of famous World War I aces such as Baron Manfred von Richthofen (better known as the "Red Baron"), James McCudden, Raoul

Steve Anderson is an avid historian of military

Lufbery, Ernst Udet, Werner Voss, and other pioneers of dogfighting are among Steve's favorite subjects. An Artist Fellow of the American Society of Aviation Artists, Steve creates works that reflect scrupulous attention to historically accurate detail, from the colorful markings on the fuselages to the

time of day of an actual battle. Visit Steve's website at: www.anderson-art.com.



# Profile Art by Ronny Bar

Ronny Bar developed a keen interest in airplanes from an early age, living close at the El Palomar Air Force Base in Buenos Aires. He first flew in the back seat of a T-34 Mentor trainer at the age of ten, and was soon drawing airplanes and building models: Spitfires and Messerschmitt first... Camels and Folkkers later. He became a successful bass player with a career lasting over 35 years in several Rock bands, recording ten albums

(one of them being a National hit selling more than 100,000 copies) and performing countless concerts, TV shows and tours all over Argentina. Now retired from the R'n'R scene, his interest returned to his early passion: Aviation Artwork, Visiting the WW1 aircraft collection at Hendon focused his already growing interest for that historic period. His artwork is regularly appearing in journals and publications like Windsock Worldwide, Windsock Datafiles, Cross

Visit Ronny's website at: www.ronnybarprofiles.com

& Cockade and Over the Front.



## General Manager, Richard Alexander

A native of Wellington New Zealand, Richard Alexander has a long term interest in military history, race cars & local drivers from motor sports golden era of the '60's. Other interests include mountain biking, scotch and cigars.

An accomplished modeller Richard's models have twice been awarded Best Overall in Show at IPMS(NZ) National Conventions and earned him the inaugural TamiyaCon(NZ) Master Modeller award (along with the associated trip to Japan) in 2001. Many of his works are in private collections around the world, though he no longer accepts commissions.

#### Richard has been in the model and hobby industry since 1991 and

brings with him a keen eye for detail and a passion for ensuris our models are enjoyable to build. So if there is anything you don't like about this model, you can blame him.

If you do have comments, requests or suggestions, Richard is contactable at richard@wingnutwings.com



32073	1/32 Sopwith 5F.1 Dolphin	Qty
0132073A	Aparts	1
0132073B	B parts	1
0132073C	Cparts	1
0132073D	D parts	1
132E0002	E parts 200hp Hispano-Suiza	1
0132073P	Photo-etched metal parts	1
7132073	Instructions	1
9132073	Decals	1

If you have any damaged or missing parts please contact help@wingnutwings.com for assistance.







32067 - 1/32 Folkker D.VII (Folk) "Early"

Also available from www.wingnutwings.com

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