

Folker EII. The legendary Folker Eindecker, armed with a machine gain synchronized to fire through the propeller, made in Ia feld on the day of august 1975. I visus a 80th Optomorate 100 formers built follow from Jovener Folker E I from 198 Mer and felder EI through 198 members and manufacture and realized the beginning of the Tokher scorage." A 100th Observated U.1 (doesne built 100th Grome Monoscopape) powered version, the EII, was developed concurrently with the E1 white the EIII (externed) spectrated to the prediction to the production EII followed in pages 1915; From about Cocker and Cocker an

It appears that need take framework and fittings were painted in grey green while all aluminium panels and confer remained capationed but were given a "turneff initials" which below up the unitive reflection. Despite conventional window, photographic evidence indicates than ro 18-km indicates than ro 18-km indicates the reflection of the property and the property record feather finished in CDL (Clear Deped Liner). Contemporary allied combat reports record Febber Binderber such as "Carlo Homes", prop. "Anter Mores", prop. "And Turterlo Fabre "while pattern persons of later production IEII III 95% and 210-181 mensions." Toogic "quantity that some as "trave yellow", it is conceivable that the "black" may refer to the painted mental cools of a mislesterified Febber development of the property of the painted mental cools of a mislesterified Febber development of the property of the painted mental cools of a mislesterified Febber development of the property of the painted mental cools of a mislesterified Febber development of the property of the painted mental cools of a mislesterified Febber development of the painted mental cools of a mislesterified Febber development of the painted mental cools of a mislesterified Febber development of the painted mental cools of a mislesterified Febber development of the painted mental cools of a mislesterified Febber development of the painted mental cools of a mislesterified Febber development of the painted mental cools of a mislesterified Febber development of the painted mental cools of a mislesterified Febber development of the painted mental cools of a mislesterified Febber development of the painted mental cools of a mislesterified Febber development of the painted mental cools of a mislesterified Febber development of the painted mental cools of a mislesterified Febber development of the painted mental cools of a mislesterified febber development of the painted mental cools of a mislesterified febber development of the painted mental cools of a mislesterified febber deve

5m (23.78ft)	604kg (1330lb)	150kph (94mph)
1915 - Mid 1916	100hp Oberursel U.1	Unconfirmed
	915 - Mid 1916	

7.92mm (0.311in) lMG 08 'Spandau' machine gun

DH2—The prototype AMC DH2 (Alexant Manufacturing Company de Havilland 2) from their in Junes 1915 and was sent to the front for culturation in the 2dy where it was promptly optimed by the Germann in early August, Undertered by this continguisficant estable, development continued and full sales production begain in November. This allowed 24 Sept to be fully equipped with the DH2 when they arrived in Fazors during early February 3DH2 where they, Jung out they appeared on February 1016 per produced provided to the PEPs and Brench Neilegart 11, June putting, an end to the 6 meeth long Toldeer scourge. Although powered by essentially the same engine as the Folker Ell 8 Ell Hile DH2 and edigined from the context with manuscenship in mile and the view gausting Elindeeries proved on mark in contact It vould take until July July 2116 before the visib MG 08 Sepandar amost Halberstaft, Folker and Albatros 10 type biglines would regain at supermaxy for the Germans. As with most early accorded leggin many improvements and changes were made to the DH2 It after field as well as during

Early DH.2 appear to have had their nacelles, metal and wood components and struts painted grey with fabric areas remaining natural CDL. Some limited use of camendage timed green and/or brown variables appears to have been made early on along with "experimental khalif" of the CB (Protective Covering 8) before PC10 slowly began being introduced during April-May 1916. Richard Alexander 2011

Wingspan:	Length:	Max Weight:	Max Speed:
28.25ft (8.61m)	25.2ft (7.683m)	1441lb (653.8kg)	94mph (150kph)
No. manufactured:	Production:	Engine:	Ceiling:
450 approximately	Sept 1915 - Late 1916	100hp Gnome Monosoupape	14000ft (4270m)

0.303in (7.7mm) Lewis Mk.II machine gun

Folker E.III Windsock Datafile 15, PM Gross, 1989 - Folker E.I/II Windsock Datafile 91, PM Gross, 2002 - Josef Scott - Aviona Allemands Zeppellin et Moteum, Jean Lagergette 1917 (www.csission.14-18.org) - The AMC DH2 Windsock Datafile 48, RJ Gray, 1998 - WWI Arer 04 16 1994 (Cross & Cockade International Journal 1997) 1899 - The Windsock Article 14-18 distain Heritage Trust - Collo Power - Private Collections.



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 polyurethane resin parts (if included). Beware of sharp edges on metal parts.

Assembly:

Read all the instructions carefully before starting assembly. Use glue intended for plastic models. 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. Only use paints designed and suitable for plastic model kitsets.

Decals:

Cut out each decal as required. Soak in warm water for 15 seconds. Slide off backing paper onto gloss painted surface of model. For large decals it is helpful to apply a drop of water to the area they are eing applied to. This will make it easier to maneuver them into the correct position.

Please visit our website for additional photos, hints and tips to assist you in getting the best result from your Wingnut Wings model.

Construction Step

Part Number Photo Etch Part



Choose



Attention



Decal



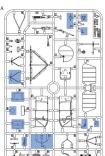




	All colours	Tamiya	Humbrol	Misterkit
a	Brass	X31	54	
ь	Copper	XF6	12	
с	Gun Metal	X10	27004	
d	Aluminium	XF16	27001	
e	Steel	XF56	27003	
f	Interior grey-green	XF76	-	
g	Fokker Beige - semi gloss	XF60		
h	Leather - semi gloss	XF52	62	
i	Clear Doped Linen (CDL) - semi gloss	XF55	121	BC05
j	Light rubber - matt	XF19	64	
k	PC10 early - semi gloss	XF62	155	BC03
1	Tinted Varnish Green (over 🕦)	XF58(x1) + X22(x2)	-	
m	Tinted Varnish Brown (over 🌒)	XF52(x1) + X22(x2)	-	
n	DH.2 Grey - matt	XF66	-	BC01
0	White - semi gloss	XF2	34	BC08
Р	Black - semi gloss	X18	85	
q	Rubber - matt	XF69	66	
r	Light wood* - semi gloss	XF78	93	
s	Dark wood* - semi gloss	XF68	98	

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

FOKKER E.III





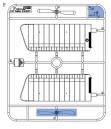




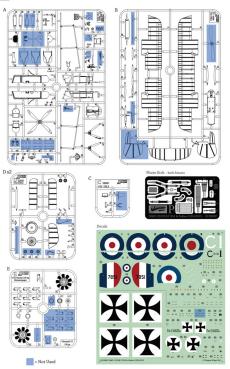


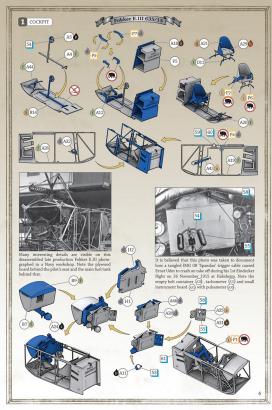


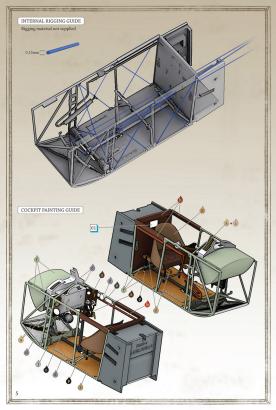


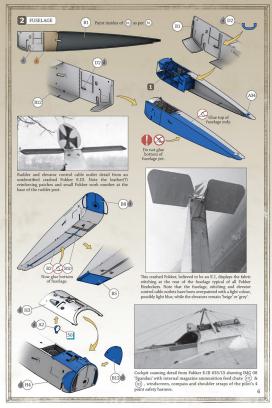


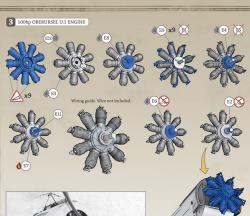
DH.2











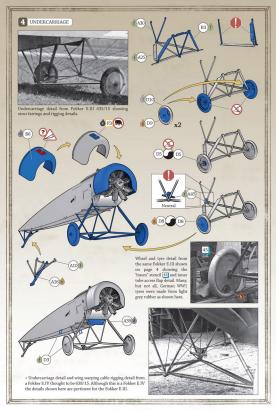


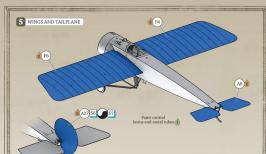


A smiling pilot poses with Fokker E.III 408/15 (possibly wn388N). Note the air deflector shield  $\langle \omega \rangle$  wing warping control horns  $\langle \alpha \rangle$  positioned at ineutral and pale painted undercarriage struts. The manufacturer's data plate arrangement shown here is not appropriate for Fokker E.III 635/15 which is as per decal  $\boxed{47}$ .









> Rudder and elevator detail from Fokker E.III 653/15 showing control horn details and the small area of linen not painted white. It was in this area that the Fokker work number 13 was often stenciled. Misinterpretation of period photor has lead some historians to mistacenly believe that this area was sometimes cut away to improve ground clearance.





A nice rear view of an unidentified late model Fokker E.III. The eisernkreuz on the wing and rudder are similar to that seen on 635/15 but the fuselage cross is not. It appears to have a Germania propeller fitted.



lMG 08 'Spandau'









Cockpir Codining decard rivini air immeriment rate produced before full similar to 635/15. Note the empty belt deflector (42) beside the 1MG 08 "Spandau" and opening above the internal magazine immediately aft of the fuel gauge (20) — 50]. The wings and upper surface of the fuselage appear to have been painted, dyed or stained a darker camouflage colour than the sides of the fuselage.



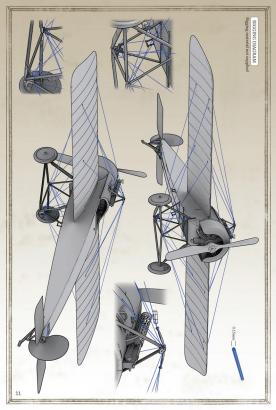


Cabane strut, turnbuckle and wing warping control cable pulley (w) detail from a Fokker E.IV prototype (believed to be 122/15). Although the dark cabane struts are not typical, the pulley and wing warping cable details are the same as for the E.III.



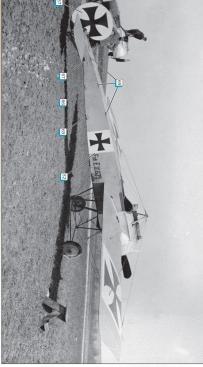


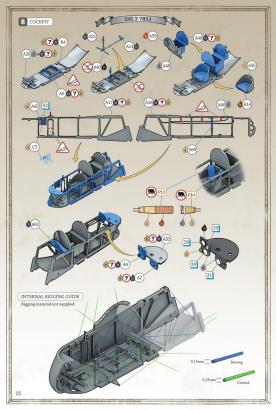
> Garuda propeller detail from an unidentified late production Fokker E.III from FA A 223 with later style eisernkreuz. Note the position of the Garuda propeller decal [41].

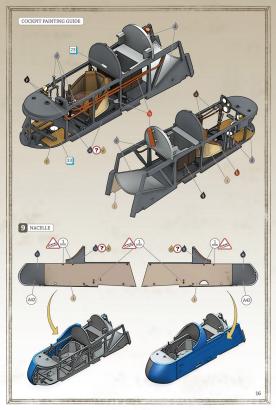


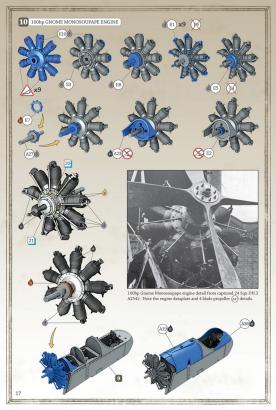


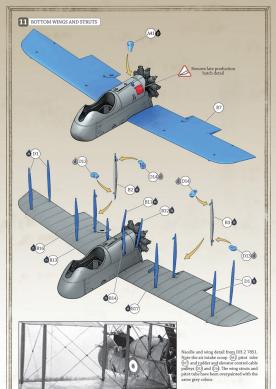
at the time, the fuselage cross has been applied at unit level and is of a different style. While Fokker E.III 635/15 appears to be finished in relatively stain free "beige match for the German wing warping machines. The full history of Fokker E.III 635/15 is not known so it is impossible to prove that it and DH.2 7851 ever actually met in combat, although it is entirely time the superiority of the Eindecker was waning due to the arrival of British and French dedicated fighting scouts like the highly maneuverable Nieuport 11 and DH.2, both of which were more than a Fokker E.III 635/15 was ordered in December 1915 and is seen here in an apparently brand new condition, possibly at Kampf-Einsitzer-Kommando (KeK) Vaux on the Somme, in early to mid 1916. By this d most likely features a 'grey' finish with dark caster oil staining visible on the bottom half of the fuselage which has soaked through from the inside, behind the outer layers of clear dope in operated in the same vicinity during 1916. Fokker E.III 635/15 has early eisernkreuz on its wings and rudder but, as was common , the E.III in the background is

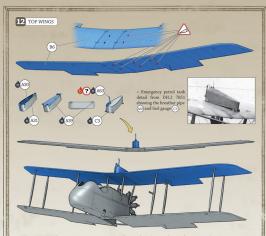








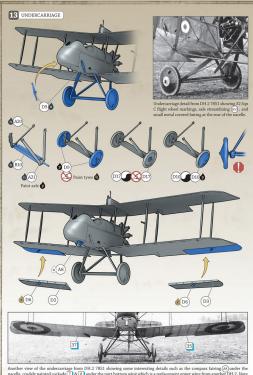




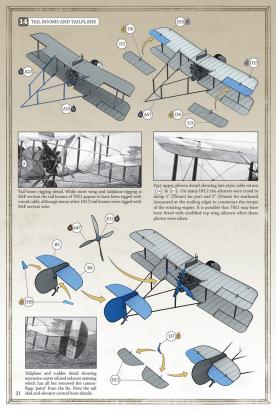
Please visit www.wingnutwings.com hints and tips for a simple wing alignment jig idea.

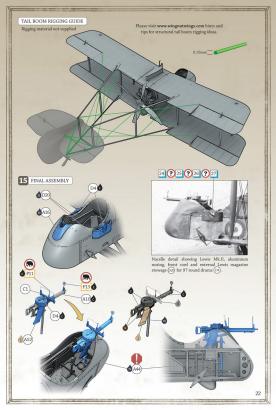


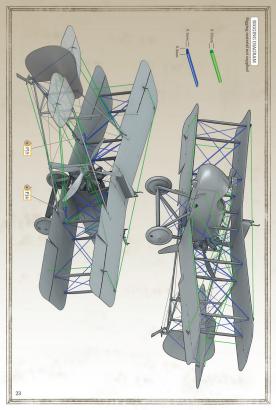
When newly delivered to 32 Sqn, DH2 7851 would have been equipped with twin 47 round Lewis magazine holders and finished in overall CDL fabric areas. The nacelle metal and wood areas would have been finished in grey pairt along with the tail bosons, undercarriage and wing struts (which would have initially had AMC decals [28 applied). By the time these photographs were taken 7851 was in a very well used state and now has single 87 round Lewis magazine holders. Note the black and white 32 Sqn ("C" flight wheel markings.

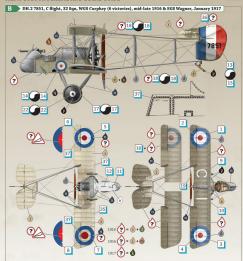


Another view of the undercarriage from DH.2 7851 showing some interesting details such as the compass fairing ( $\infty$ ) under the nacelle, couldy paired cockade.  $\square$  8  $\square$  1 under the port bottom wing which is a replacement upper wing from another DH.2. Note the different style of stend.  $\square$  30 m is replacement wing.









DM2 27831 was from the 22nd production batch ordered in March 1915 and was possibly on strength at 32 Sqn when they, along with WGS Curphey, arrived in Prance at the end of May, William George Seller Growler\* Curphey enlisted in 1914 and served in the Royal Berkshire Right before transfering to the RFC in 1915. He scored his first victory over a German two-seater sent down 'out of control's in DH2 7875 to 72 August 1916 during the battle of the Somme. He would score 5 more victories before he was shot down in filames in DH2 AW252 JP arma Walson Glassa\* Swoodsecker\* on 1 Ayu 1917. William died in a German field hospital the following day aged 22-



flying DH.2 7851 when he was lost in action on 7 January 1917 following combat with the superior Albatron EM. (for D11) of Jasta Bodick's Firwin Bohme. The fates of 24x 8GS Wagner has been proposed by the superior of 7851 shown here would tend to indicate that he was felled in action. Goldwin, as he was known, was 23. It would appear that by January 1917 all upper surfaces had received a fresh coat of PC10 \$\frac{1}{2}\$.

Ethelbert Godwin Stockwell Wagner served in the Royal Warwickshire Rgt before transferring to the RFC. He was

The transparent nature of the fabric upper surface finish and worn nacelle sides of DH.2 7851 are indicative of having been camouflaged with a tinted varnish (as can be seen on page 26) which may indicate that this panel was finished with a different or rather than PC10

25



Note the crudely painted port bottom wing cockade 5 and how much more translucent this wing is compared to the other wing panels. The bottom of the nacelle is finished in white with the flight number "C1" 11 + 12 painted in black.



## 3-D Modelling by Jason McAdam

From a very early age Jason has embraced his creative side, whether it be through drawing or modelling. This creative nature was strongly grafted with a passion for transportation design, whether it be by land, air or sea,

Having graduated with an honours degree in Industrial Design Jason has gone on to develop his skills further in his design work with Weta Digital. While at Weta, Jason has continued to push the boundaries of software technologies and applications, with a keen eye for detail. This passion for design comes hand in hand with a love of sport and recreation, with motorbike riding being among the more popular of pass times.



## 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

Fokkers 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



## Box Art by Steve Anderson

Steve Anderson is an avid historian of military 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 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.



## Project Co-ordinator, 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 ensuring 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



32802	1/32 Fokker E.III & DH.2	Qty
0132018A	A parts Fokker E.III	1
0132018B	B parts Fokker E.III	1
0132018C	C parts Fokker E.III	1
0132018D	D parts Fokker E.III	2
0132018F	F parts Fokker E.III	1
0132018H	H parts Fokker E.III	1
0132028A	A parts DH.2	1
0132028B	B parts DH.2	1
0132028C	C parts DH.2	1
0132028D	D parts DH.2	2
132E0011	100hp Gnome/Oberursel engine	2
0132802P	Photo-etched metal parts	1
7132802	Instructions	1
9132802	Decals	1
9132018b	Decals	1

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



32014 - 1/32 FE.2b Early



32013 - 1/32 Sopwith Pup RFC



32023 - 1/32 Rumpler C.IV Early

Also available from www.wingnutwings.com

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