

Fokker E.II "Max Immelmann"

The legendary Fokker Eindecker, armed with a machine gun synchronized to fire through the propeller, made its 1st official kill on the 1st day of August 1915. It was a 80hp Oberursel U.0 (license built 80hp Gnome) powered wing warping Fokker E.1 flown by Max Immelmann and marked the beginning of the "Fokker scourge". Inspired by the capture on 18 April 1915 of Roland Garros and his Morane-Saulnier Type L Parasol fitted with a forward firing machine gun (using armoured deflector plates to protect the propeller from 'serious' bullet damage) the Germans set about coming up with their own version. Legendarily, the 25 year old Anthony Fokker created his own interrupter gear in just 48 hours after being inspired by the capture of Garros, but this is undoubtedly a myth. A mechanical interrupter sear had been patented in 1913 by Hans Schneider of LVG but it was not until Fokker perfected if, or a similarly inspired design, that it worked sufficiently well enough to be employed in combat. Lawsuits filed by Schneider against

Fokker's unarmed 80hp and 100hp reconnaissance A type Eindeckers (inspired by a successful pre-war wing warping Morane-Saulnier design but with a welded steel tube frame fuselage) provided the airframes for further development and E.1 (armed Eindecker 80hp) types started shipping to front line units in June 1915. Although initially armed with a Parabellum LMG 14, which proved less than satisfactory, very soon into production they were fitted with the IMG 08 'Spandau'. The 100hp Oberursel U.1 (license built 100hp Gnome Monosoupape) powered E.II was developed concurrently with the E.1 and started entering service in July 1915. The E.III (externally identical to late production E.II) followed in August 1915 and from about October updated E.III started appearing with internal ammunition storage and a wing mounted compass. The 160hp Oberursel U.III powered Pokker E.IV, initially fitted with 3 IMG 08 machine guns (which proved to be 1 gun to many) first appeared in September 1915 but did not arrive at the front in larger numbers until March-April 1916. By this time the appearance of the highly maneuverable French Nieuport 11 and British DH.2 had marked the beginning of the end of the "Fokker scourge", effectively rendering the wing warping German monoplanes obsolete. Most Eindeckers had been withdrawn from front line service by December 1916.

Any history here is of necessity very brief so we recommend that you seek out the references mentioned below for the better understanding of the various Fokker Eindeckers, but we do so with the following caution; considerable confusion exists about these important aircraft (in no small part because of incorrect or conflicting Idflieg and Fokker factory records). Because of this we highly recommend you treat published drawings & specifications with a great deal of skepticism. We believe that Josef Scott's Windsock Datafile Fokker Eindecker Compendium 2 published in 2012 is currently the most reliable reference book covering these highly misunderstood aircraft.

It appears that Fokker Eindecker steel tube framework and fittings were painted in light grey or grey-green while all aluminium panels and cowls remained unpainted and were given a 'squiggly turned' finish. Despite conventional wisdom, photographic evidence shows that no Fokker Eindeckers were factory finished in Clear Doped Linen (CDL) which was translucent. Contemporary allied combat reports record Fokker Eindecker colours such as "dark brown", "dark brown wings on the upper side", "grey", "straw yellow". "white", "black" and "butcher blue". A French report mentions that "the fabric of the Fokker wings was generally beige in 1916" while capture reports of later production E.III 196/16 and E.III 210/16 simply mention "beige". It is likely that "beige" and "straw yellow" are actually the same colour and "white" and "black" refer to misidentified Pfalz Eindeckers. It would appear that the linen covering was dyed, possibly before being fitted to the aircraft, or colour doped after being attached but before being finished with clear shrinking dope and varnish. Most Fokker Eindeckers exhibit heavy caster oil staining along their fuselages which soaked through the fabric from the inside, considerably darkening the coloured fabric. Richard Alexander 2018

Wingspan:			
10.05m (32.97ft)	7.25m (23.78ft)	604kg (1330lb)	150kph (94mph)
Unconfirmed	June 1915 - October 1915	7.92mm (0.311in) lMG 08 'Spandau' machine gun	
60 approx (including early E.III)	100hp Oberursel U.1		

Fokker E.III Windsock Datafile 15, PM Grosz, 1989 - Fokker E.1/II Windsock Datafile 91, PM Grosz, 2002 Windsock Datafile Fokker Eindecker Compendium 2, Josef Scott 2012 - Avions Allemands Zeppelins et Moteurs, Jean Lagorgette 1917 (www.association14-18.org) - Early German Aces of World War 1, Osprey, Greg VanWyngarden, 2006 - The Blue Max Airmen Volume 1, Lance Bronnenkant 2012 - Fokker Eindecker in Action, Squadron Signal, D.Edgar Brannon, 1996 - The Vintage Aviator Ltd 1914-18 Aviation Heritage - Private Collections

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

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. Assembly:

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 as simple as possible we recommend using stretchy elastic type material like EZ Line' etc and not trying to replicate any turnbuckles. Rigging:

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 Decals: 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.

Construction Step Choose Attention

Part Number

Photo Etch Part

Do Not Cen

Decal

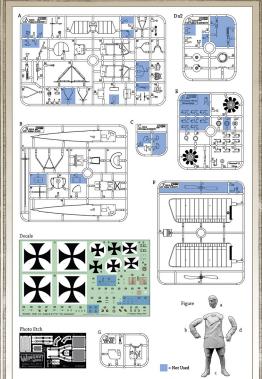
Cement For Metal

Other Side

Paint Colour

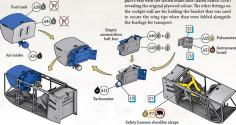
	7900000		
All colours	Tamiya	Humbrol	Federal Standard
Brass	X31	54	
Copper	XF6	12	
Gun Metal	X10	27004	
Aluminium - matt	XF16	27001	
Steel	XF56	27003	
Grey Green - matt	XF76	-	24424
Fokker Beige - semi gloss	XF60	83	33440
Leather - semi gloss	XF64	160	30108
Aluminium - bright	X11	27002	
Light Grey - semi gloss / Rubber Light - matt	XF19	64	36463
Field Grey - matt	XF22	92	14159
Light Wood* - semi gloss	XF59*	93*	33245*
Dark Wood* - semi gloss	XF68*	64*	10111*
White - semi gloss	XF2	34	
Black - semi gloss	XF18	85	
Dark Brown - matt	XF52(x4) + XF1(x1)	29(x4) + 33(x1)	30097

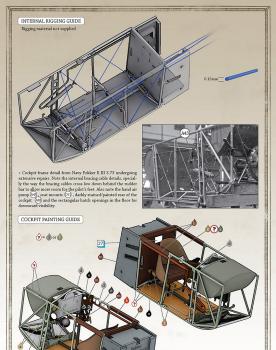
Note: Apply clear varnish to achieve the desired gloss or semi-gloss finish. *See our website hints and tips for painting wood.

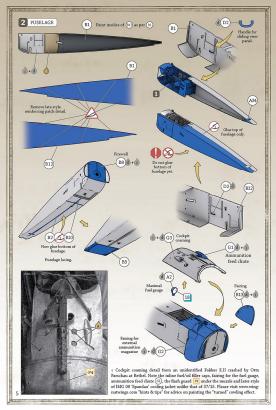


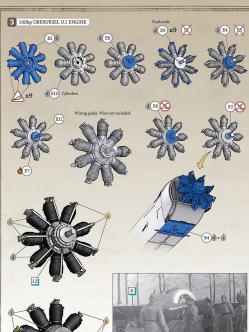


the cockpit wall are for holding the bracket that was used to secure the wing tips when they were folded alongside





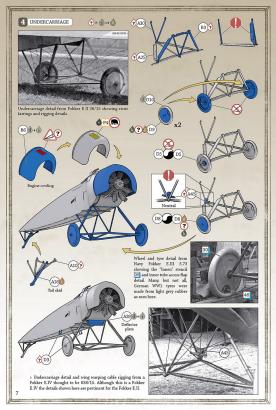


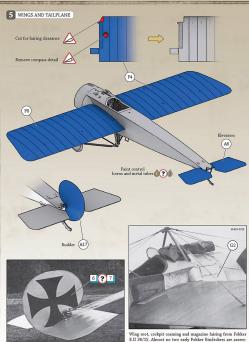






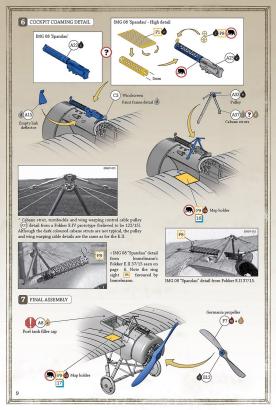
Max Immelmann points our salient details of Fokker E.II 37/15 to visiting dignitaries on 15 November 1915.

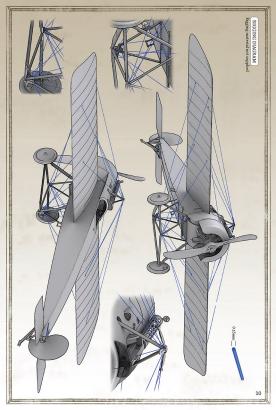




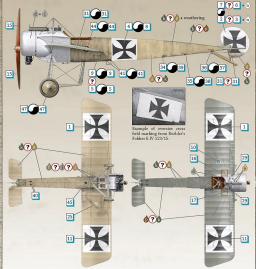
bled exactly the same way so while we have done our best to capture the "usual" style of overlapping cowl panels etc they will not always be 100% accurate. Note how the cockpit padding is Rudder and elevator detail from Fokker E.II 36/15. Note the raised in the middle where the 2 sides of the cockpit coaming control horns and patches around the cable exits on top of the meet and have not been 'rounded'. A waterproof cover protects the IMG 08 'Spandau' from the elements.

fuselage.





Fokker E.II 37/15, Max Immelmann, Feldfleiger Abteilung 62, October to November 1915 (15 victories)



Folder EL13771 was allocated to EFA C2 in early September 1935 where it was from by Ornald Bobble until a cush landing due to engine failure a copie of weeks later required repair that for done all early Coches 1935; By this time Bobble had been trunsfrence to Briefundser-Aberlaing Metra (AAA) and Folder EL13715 was inherited by Max Immedmann who flew it until December 1935. Born in September 1939, Max Immedmann was only 14 when he satteded the Dereden Cade School and by 1921. De was an Ensign is a Railway Regiment but left to study mechanical engineering. Following the outbreak of was he again served in a Railway Regiment but quickly transferred to avaination and by the end of 1914 was teaming to fig in Maxtur 1935 he was firm given becaute the properties of the study of th

Although we supply numerous factory applied stencils, many of these have been overpainted by the dark upper camouflage colour and are not required [13], [14], [37], [33], [47] & 43.



Max Immelmann in front of Fokker E.II 37/15 on 26 October 1915 with his 5th credited victory, Vickers FB.5 5464 crewed by Charles Curtis Darley and Reginald James Slade of 11. Squadron RFC, in the background. Darley was vounded in the arm and their aircraft received around 40 bullet holes Note the heavily stained and weathered fuselage of Fokker E.II 37/17.



Max Immelmann perched on the fuselage of Fokker Ell 37/15 on 26 October 1915. Note the cleaned area of fabric behind Immelmann's unique fuselage oces, most likely the result of removing a perviously applied marking, probably Bockler's oversite restrangular white cross field (see opposite). The darker (brown or grey) upper fuselage colour has been partially removed in this area as well. The large bullet hole path [70] is dated 10 October 1916.



Fokker E.II 37/15 photographed during a display for Fredrich August III, the King of Saxony on 15 November 1915. The remains of Immelmann's 4th credited victory from 10 October 1915, 16 Squadron BE.Ze 2033 "The Dung Heap" (or more likely "The Shit Heap") so named for its unconventional camouflage scheme, are on display in the foreground.

Max Immelmann figure

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Because figure painters prefer a wide variety of types of paint (enamel, acrylic, oil etc) and many of the colour choices are subjective we will let these larger than life images of the figure painted by John Belcher serve as our painting guide.

Please visit our website for some figure painting hints and tips.







Immelmann with Fokker E.II 37/15 on 26 October 1915.

- Dark brown or black leather jacket
- Brown fur lining - Dark brown leather helmet, gauntlets & boots
- Dark brown leather helmet, gauntlets & boo
 Field grey tunic & trousers



Immelmann.



Immelmann with Fokker E.II 37/15 in October 1915.



^ Immelmann clowning around in early 1916.

A relaxed Immelmann
photographed sometime after
he was award the Pour Le
Merite "The Blue Max" on 12
January 1916.





Max Immelmann stands smiling in front of Fokker E.II 37/15. Fokker Eindecker propellers were usually painted very dark brown but this one retains a laminated finish.



Product design 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 cone on to develop his skills further in his design work with Weta Digital & Wingnut Wings. 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



Decal Art by Malcolm Laird

Malcolm has been in the scale model industry since 1981 and now produces his line of Ventura decals and a range of soft cover aviation books mainly with a Kiwi flavour. Outside work he suffers the dual afflictions of restoring old Kawasaki motorcycles and trying to paint impression

Visit Malcolm's web site at www.venturapublications.com



Figure Sculpting by Mike Good

landscapes, with 'mixed' results so far.

Mike Good built his first model at 6 years old and never really stopped. This led to a lifelong career in the model business which began Testors in 1979. Models and dioramas lead him to figur modelling and he quit his job at Testors in 1987

to become a full time figure sculptor. He has sculpted figures for numerous companies including Poste Militaire, Pegaso, Revell/Monogram, Dragon, The Model Cellar and various toy companies. He has received numerous accolades over the years including Best of Shows at MFCA and Euro Militaire, Grand Master (MFCA - Model Figure Collectors of America), Chicago Medallist (MMSI - Military Miniature Society of Illinois) and was voted a charter Master of the World Model Soldier Federation. His interests over the years have been many and varied including stints in music, painting, poetry, photography, hiking, karaoke and Ufology (he was a regular columnist for UFO Magazine US for several years)! You can find many other figures sculpted by Mike at: https://modelcellar.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 silding models: Spitfires and Messerschmitt first... Camels and

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 & Cockade and Over the Front.

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



32601 Project Manager, Richard Alexander

A native of Wellington New Zealand, Richard Alexander is an award winning scale modeller with many years of experience in the model and hobby industry, Richard has a long term interest in military history, race cars from motor sports golden era of the '60s, malt scotch and fine cigars.

Richard is an accomplished modeller and 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 have any questions about this model, comments, requests or suggestions, Richard is contactable at richardswingnutwings.com

Figure Painting by John Belcher John's passion for painting figures started in his early teens with an interest in history, military



prestigious Euro Militaire.

and otherwise, and he's now been at it for over 40 years. As well as assembling and painting commercially available figures, John sculpts his own figures from scratch. Over the years John has received many awards for his work, these include multiple "best in show" awards at national level in New Zealand and Australia, gold medals nationally and internationally in the USA and in England at the



32603	1/32 Fokker E.II "Max Immelmann"	Qty
0132018A	A parts Fokker E.1/II/III/IV	1
0132018B	B parts Fokker E.II/III	1
0132018C	C parts Fokker E.1/II/III/IV	1
0132018D	D parts Fokker E.1/II/III/IV	2
0132018F	F parts Fokker E.II/III/IV	1
0132018G	G parts Fokker E.II/III Early	1
132E0018	100hp Oberursel engine	1
0132603P	Photo-etched metal parts	1
7132603	Instructions	1
9132603	Decals	1
54603	Max Immelmann figure a b c d	1

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











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