

Often overshadowed by its more famous contemporaries Pokker and Albatros, Pfalz Plugzeugowerke GmbH was nevertheless reponsible for manufacturing what was possibly the most elegant of all Great War aircraft, the Pfalz Dill and Dilla fighters. After spending the first few years of the war essentially building aircraft designed by other manufacturers, in 1917 Pflaz became serious about entering the competitive German fighter market with one of their own designs.

Their Fish D.III incorporated many design features and construction techniques learned while manufacturing Boland aircraft, the most obvious of which was the extremely terminoffe intakelige and their innovative construction method. Each fundage had leave created from 2 layers of long physicoid strips of between 70mm to 100mm works, each layer applied at an opposing single, formed over a back. Once completed each half of the including was galed and tacked onto the internal ramework, the contentine seams were taped a back. Once completed each half of the including was galed and tacked onto the internal ramework, the contentine seams were taped as back. Once completed each half of the including was galed and taked onto the internal ramework, the contentine seams were taped fundage featuring many compound curves without resorting to the many small panels of Abbarro DV design. The 2 DAGGOR15 Synadius' were positioned making the including out of the air stream contributing to the very sleed lines of the aircraft.

Despite all this the Pilk D.III was received with mixed exactions from the Jaza pilots when it entreed front line service in Systember 1917. The manuscentability was excellent buyer performance in other areas was lacking when compared to its contemporary the Albarras D.V. One area which raised much concern was the internal gan arrangement which make clearing a jam particularly inconvenient during combar. Per my through the initial production mu of the DIII the specifications were altered to include a suplainer of larger cord and raining the gans to they were mounted externally, thereby centuring the improved D.III. Optionated you as a larger left in D.III received the contemporary of the production of the production of the contemporary of the production of the production of the production of the production activity.

WIVI colour schemes are contentions at the best of times and we have done our best to provide what we consider to be accurate painting information for this model. The colourful unit and personal markings applied to the various German fighters of the Screen War have attracted more than their fair share of debates over the years and, while we have been as meticulous as we could be, fin our some will not find our choices to their limits place [Julia Dall In Insease] set the factory painted with silver gene restricts while the interior valid and framework of the funding appear to have been justiced in geny gene primer on early sizerals. Later aircraft may have had available to us do not support this. The color of the funding and the sizeral painting and the sizeral

The faths: covered wings and elevator on early DIIIss were doped in a silver grey colour which on some aircraft appears slightly darker than the silver grey of the fuelege, fatter aircraft had their wings and elevators covered in Scolour per pertinde Tonego amouthers on final production aircraft the rudder was also covered in locenge material. The spinner and engine core planels were usually left in their unpathent al aminimum finish. Need start utilities power spinned or planel, therefore or black. Understraging legs and other metal parts were usually patient of grey green primer. The silver grey fusedage was often painted with strikingly colourful unit or personal marking providing a great variety of detal chemes for modellers.

Wingspan:				
9.4m (30.84ft)	6.95m (22.8ft)	Early 915kg (2017lb) Late 905kg (1995lb)	164kph (102mph)	
No. manufactured:				
D.IIIa 750 (D.III 260)	June 1917 - May 1918	Daimler-Mercedes D.IIIa	6000m (19685ft)	

2x 7.92mm LMG08/15 'Spandau

Pfalz Dilla Windsock Datafile 21, PM Grosz 1990 - Pfalz Dill Windsock Datafile 107, PM Grosz 2004
Flight Global Archives (www.flightglobal.com), April 1918 to August 1918 - Osprey Pfalz Scout Aces of WWI, Greg VanWyngarden, 2006



Warning: Choking hazard. Keep small parts and plastic bags away from children. Use glue and paint in a wellventilated area. Always wear protective sepences 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.

Assemble metal and resin parts (if included) using Cyanoacrylate (CA) or epoxy glue.

Before assembly select a marking ortion and note optional pasts required in instructions.

Rigging: If installing rigging please drill out all location holes with a 0.5mm drill bit to a depth of at least 1mm.

Painting: Only use paints 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 being applied to. This will make it easier to maneuer them into the correct position.

SYMBOLS

Construction Step

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Attention

Remove

A1) Part Number

5 Decal





Ори

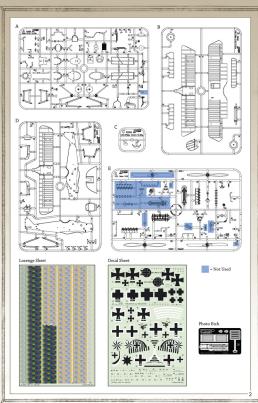


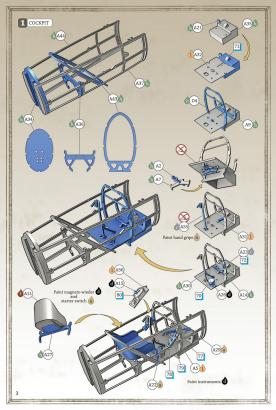
Paint Colou

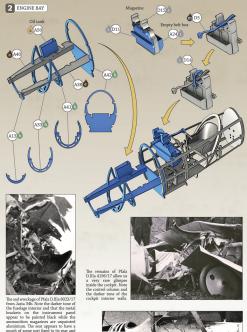
PAINT COLOURS

PAINT COLOURS						
	All colours	Tamiya	Humbrol	Misterkit		
a	Brass	X31	54			
ь	Gun Metal	X10	27004			
c	Aluminium	XF16	27001			
d	Black - semi gloss	X18	85			
e	Dark Wood - gloss	XF68	98			
f	Leather - semi gloss	XF52	62			
g	Dark Blue – semi gloss	XF8	25			
h	Interior Grey Green - matt	XF76	90			
i	Red - semi gloss	X7	19			
j	Rust - matt	XF9	113			
k	White - semi gloss	XF2	34			
1	Light Wood - gloss	XF59	93			
m	Steel	XF56	27003			
n	Clear Doped Linen - matt	XF55	148	GC10		
0	Copper	XF6	12			
P	Silver Grey - semi gloss	XF16(x2) + XF19(x1)	27001(x2) + 64(x1)	GC17		
q	Rubber - matt	XF69	66			
r	Blue – semi gloss	X14	48			
s	Matt varnish	X21(x1) + X22(x4)	49			
t	Light Grey - matt	XF19	64			

Note: Apply clear varnish to achieve the desired gloss or semi-gloss finish.



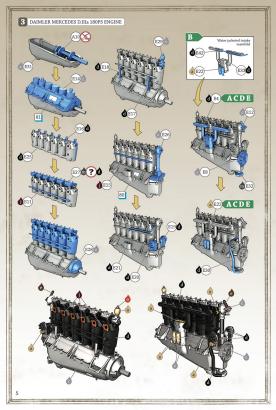




Fuselage interior details from captured Pfalz D.III 4184/17, stripped down for public exhibition in London's Agricultural Hall in 1918. Note that this is a Pfalz D.III so differs slightly from our D.III but several useful details are shown for the super detailer including the wires leading from the right side instrument board towards the engine bay.

is missing it's cushion.











Left hand side of the engine, the red-brown pipe carries the plug leads from the magnetos to the spark plugs.



Large air pump (23) characteristic of the 180ps Daimler Mercedes D.IIIa.



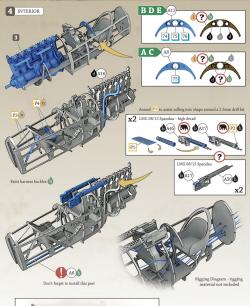
Right side of the engine. Note the position of the data plate.



Rear left view showing the empty magneto mounts, water pipe and spark plug details.

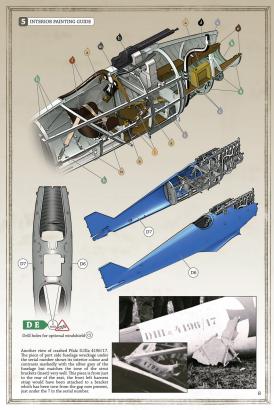


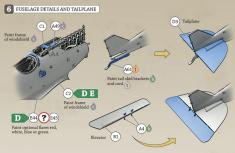
Rear right view.





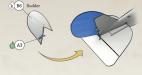
Pfalz DIII.4 4155/17 is believed to be the very first alfrainer completed to DIIIa standards. The Pfalz factory work number 1283 and acceptance marks (burnt into the bare wood at the rear of which the standards of the rear of the properties of th











> Tailplane detail from Pfalz D.IIIa 8143/17. Note the converted cross, and the stencil 'Hjer Unterstützen' [65] above the tail skid.





Tailplane detail from Pfalz D.IIIa 6050/17 displaying the Pfalz logo decal and serial number stenciling on the rudder.





The captured Pfalz D.IIIa 8282/17 of Andreas Köhler from Jasta Note the word 'propeller' 62 stenciled on the spinner, arrows on the inspection covers 54, water jacketed intake manifold, partially modified fuselage cross and the variation of weight table 68

We recommend leaving off $\bigcirc 12$ & $\bigcirc 13$ to better display your engine detail.

LOWER WINGS

Early D.III style lower wing with angular tip from Max Hitschler's Jasta 18 Pfalz D.IIIa. Unlike the wings' of other contemporary D.III/IIIa featured two spars thereby avoiding the structural failure problems associated with the Albatros D.III and D.V/Va.



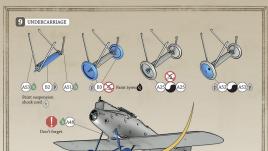




Wing root detail from Pfalz D.IIIa 4208/17 showing the aileron control cable access hatch and non slip foot plate detail. Note the rigging diagram 59, makers plates 49 and how ill fitting the trailing edge of the wing is where it meets the fuselage. (Greg VanWyngarden)



Late style lower wing with rounded tip from Walter Ewers' Jasta 77b Pflaz D.IIIa 8143/17.





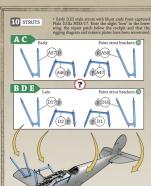
Wheel detail from captured Pfalz D.IIIa 8151/17 showing its suspension shock cords. Despite the appearance of rubber bungee cords these were in fact coiled springs with a woven 'rope' cover.



D.IIIa 6050/17. Note the Pfalz factory logo decal 61 on the wheel cover and the protective canvas bag over the suspension shock cords.



Another view of the original Plale D.IIIa 4165/17. Sunlight thining through the clear doped linen areas of the upper wing contrasts nicely with the plo; overed center section. The nose coviling panels and spinner are unpainted aluminium as is one of the access hatches. The remaining hatches have been over painted with the sulver grey of the backage which is laready warring off the both studies, the substitute of the substi







Late style struts with pointed ends from Filat Dilla 818437. Note the wing strut lower benchts appear to have been over painted with silver grey. The remaining strut brackets reat in their original colour J which has also been carried into the small gaps normally left silver grey, indicating that they were probably painted after being assembled onto the struts. Note the amounteer statched to the erar strut, rigging and various stendi detail including the most common version of the weight table [3].





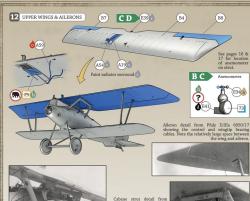
A poor quality image but it does show the individual exhaust stacks peculiar to Max Holtzem's Jasta 16b Pfalz D.IIIa. Note the late style pointed ends of the cabane strut.







Exhaust detail from Pfalz D.IIIa 6050/17. The engine side and nose cowlings are unpainted aluminium

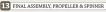




lines leading down from the gravity tank built into the ply covered centre section of the upper wing. Also note the large Pfalz logo decal 69 on the rear cabane strut and the earliest style of weight table 67 .

Pfalz D.IIIa 6050/17. Note the small Pflaz logo decal , stencils 54 , and early style blunt ends o the cabane struts, which appear to be painted in the same colour as the inspection hatch 🐧.

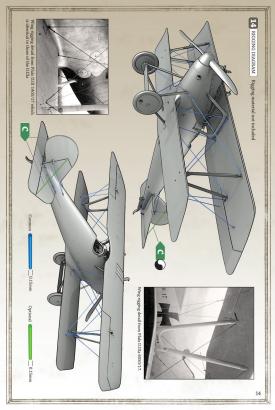


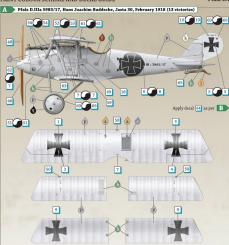






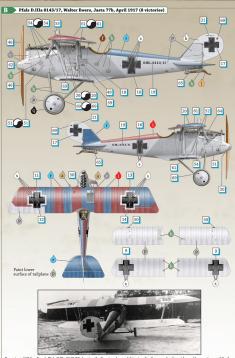
Propeller and spinner detail from Pfalz D.IIIa 6050/17. Note the serial number 6050 stenciled on the unpainted spinner and the location and orientation of the Axial propeller decal 46. In photos of some aircraft a Pfalz factory logo decal 69 is visible on the tip of the spinner.



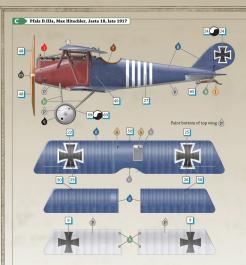




Hans Joachim Buddecke sits atop Jasta 30 Pfalz D.IIIa 5983/17 featuring his personal marking of what appears to be a stylized beetle. Note the unpainted aluminium engine cowl panels. No other image of 5983/17 is known to us but because it comes from the same production batch as 6050/17 on page 21 it is presumed that the rudder was also painted white (previously thought to be finished in the same silver grey as earlier production machines). Born in Berlin, Hans joined the army at 14, became an officer 6 years later in 1910 and left during 1913 to work for his uncle in America where he learnt to fly. At the outbreak of war he returned to Germany and re-enlisted. He scored his first victories in late 1915 while flying Fokker Eindeckers, served in Europe and Turkey, had been awarded the Blue Max and was deputy leader of Jasta 30 when he was shot down and killed by a 3(N) Son Sopwith Camel on March 10 1918. He was 27.

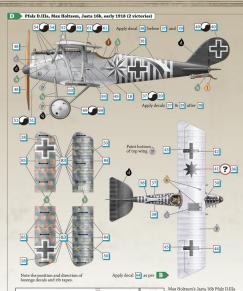


Roar store of Waher Every Filta DIII 8.543/77 showing the 5 main colours of this aircraft, silver gry fussdage sides and lower veings and 2 other colours in regularly applied sityees on the upper signal advange and had for finalegap gives. We recopited Wahers are interplainted in the red and bloc stripes from the fig. of the Prusian province of Schleenig Filostenia in which the tensor he was born in, indeed, is situated. The province flig is actually supper weige crosses in caused by the mut thick applies to easily covered to the enders of the cross are reflecting similging as well as the original ploss block.





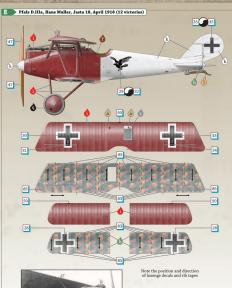
Max Hitschler's Jasta 18 Pfalz D.IIIa. In keeping with contemporary German fighter design practices the Pfalz D.III/III upper wing was constructed as a single part but, unlike the Albatroo D.III and D.V. the Pfalz centre section (which contained the radiator and a fully enclosed gravity float unlaw was stiment in physicol before being covered with linen. Note the rear view mirror (83), amenometer (84) mounted to the front Left strut and the irregular white bonder of the right upper wing cross as it meets the alleron, includinging a possible replacement.





six protections states to prize A united displaying his personnal black and displaying his personnal black with the protection of the prot

Now a US Citizen he would become a flight inspector on the P-51 Mustang assembly line during WW2 and retired in 1957. He remained active in aviation circles until his death in 1960. He was 87. We have included an optional comet decal 36 for the upper wing as it seams reasonable that, given enough time, Max's personal emblem would have been completed.



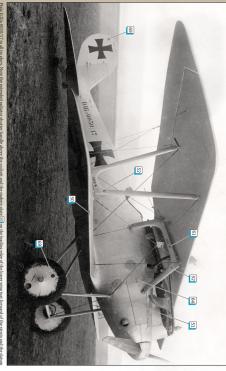


Hans Muller sits on the wheel of his severely damaged Jasta 18 Pida DIIIa. Hit by flack or possibly just a catastrophic engine failure causing severe wheration damage he was nevertheless severe with this photograph. Hans served in Jasta 12 and 15, where he scored 20 fish sixtories, until he was involved in the loward of Jasta 15 personnel to the was involved in the loward of Jasta 15 personnel with Jasta 16 his Pida DIII aboven here features Jasta 18 where he achieved his remaining 10 victories. (Ong Vullympugedm)

ne Pfalz rudder left the factory painted silver, or was it painted white before the cross was ap age cross is caused by the matt black paint used to convert the cross reflecting sun

Side wiew of Walter Fwer's Pfair D.Ha. 814317 showing the painted fuelage spine, taliplane and leading edge of the fin. After service in a Bavarian Artillery Regiment Walter transferred to the Air Service where he achieved 8 victories flying with FA26, Jasta 8, 12 and 77b before being short down and killed in Albatros DVA 7220/17 on May 15 1918. He had just turned 26, the optical lilusion of a ht differently from the gloss black of the earlier style of cross. There is spirited debate about whether photograph almost certainly shows a white painted rudder, and hence we have asked Ronny to







Pfalz D.IIIa 4208/17 of Marine Field Jasta (MFJ) 1 showing the initial style of weight table 67. The blunt ends of the cabane struts have been painted after being attached to the struts. Note the worn appearance of the silver grey paint and the staining under the fuel lines from the gravity tank. (Greg VanWyngarden)



3-D Modelling by Rhys Clapcott

Born in the sunny Hawkes Bay of New Zealand. Rhys moved to Wellington in 2000 to complete a Bachelor of Design. After graduating in 2004, Rhys joined Weta to work on the television series

"Jane and the Dragon". After working on a variety of projects for Weta, Rhys began work modeling planes in 2006, assisting on the Bristol F2b fighter and finally as lead modeller on the Pfalz D.IIIa He enjoys doing anything creative in his free time, from painting,

to 3D modeling and animating. But he is also a computer gamer so a lot of his spare time is taken up trying to keep up on the latest



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 & Cockade and Over the Front.

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.

mplished 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



32006	1/32 Pfalz D.IIIa	Qty
0132006A	A parts	1
0132006B	B parts	1
0132006C	C parts	1
0132006D	D parts	1
0132006P	Photo-etched metal parts	1
132E0005	E parts Merc D.III engine	1
7132006	Instructions	1
9132006a	Decals	1
9132006Ъ	Lozenge decals Pfalz D.IIIa	1

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



32001 - 1/32 Junkers J.1



32009 - 1/32 Albatros D.V



Also available from www.wingnutwings.com

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