



IFG Gutfahreneg Gestlichaft), who later changed their rame to Roland to sovid confusion with IVG Guft Verlebers Gestlichaft), were responsible for some of the most arendynamic and immovative designs of the Great Was including the highly advanced and successful 160hp Daimler-Mercedes DIII powered Roland C.II Walfach' two seat recommissance aircraft in 1916, an aircraft capable of outperforming most single seat fighters for the day. This was followed by the relatively unascessful D.I. D.I and D.III single seat fighters, which were enably handcapped by their beliefs there will be the day of the seat followed by the relatively unascessful D.I. D.I and D.III single seat fighters, which were enably handcapped by their beliefs the seat of the seat

An operational report from Jasta 22th described the visibility from the Dalimbe Mercedes powered Boland D VIs as very good and its handling imperior to the Pail Dallina and Alanzo D IA, but performance in other areas was a lacking. The Boland DVI Phynovered by the new 1859; Bern Ba.III.a, performed better but supplies of the new engine were very limited. At the Second Phyline Competition in John School and The Jo

WWI colour schemes are contentious 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 Orice. War have attracted more than their fair shave of debate over the years and, while we have been as meticulous as we could be. In more warmed physical and with large handle plants of debate over the years and, while we have been as meticulous as we could be. In more warmed physical and with hall plants of plants of the district and green, other and dark purple. The interior of the engine by any most metal fittings, undercarriage and could panels were painted grey green. The cahane struts appear to be dark grey while the wing strutts appear to be large green of the green plant and construct the proposal plants. Generate and radder were frequently covered in mintures of both 4 and 5 colour pre-petited longing contenting were required. Like many other of which continues to be the abject of many albeyly discussion.

Wingspan:			
9.4m (30.84ft)	6.4m (21ft)	850kg (1874lb)	200kph (124mph)
D.VIb 201 (D.VIa 152)	March 1918 - Late 1918	185ps Benz Bz.IIIa	Approx 5800m (19000ft)
	0.700 1140.0005	0 1 1 11	

2x 7.92mm LMG 08/15 'Spandau' machine g

Roland D.VI Windsock Datafile 37, PM Grosz 1993 - 1914-18 Aviation Heritage Trust - Colin Owers - The Vintage Aviator LTD
Krakow Museum, Poland - Private Collections.



Warning: Choking hazard, Keep small parts and plastic bags away from children. Use glue and paint in a well verified the state of the plant of the state of the plant of the state of the plant of the planting, gluing and sanding. Do not breathe dust from polyurethane resin parts (if included), Beware of share deese 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 option and note optional parts 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 designed and suitable for plastic model kitsets.

ting: Only use paints designed and suitable for plastic model kitsets

Ocals: 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 maneuer 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 froi your Wingnut Wings model.

Construction Step

? Choose

Attention 🙆

Remove

5 Decal P1 Photo Etch Part

Do Not Cement

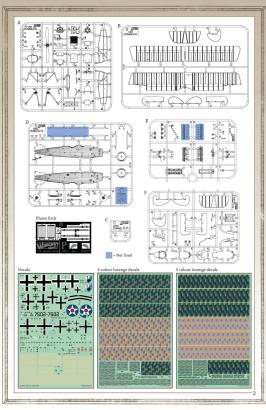
Cement For Metal

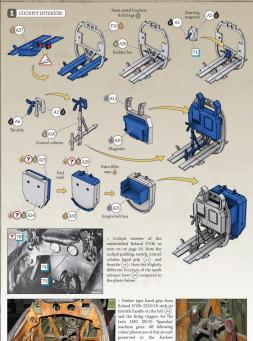


Other Side



				Federal Standard
	Brass	X31	54	
	Gun Metal	X10	27004	
	Aluminium	XF16	27001	
	Black - semi gloss	X18	85	
	Leather - semi gloss	XF52	62	30219
	Dark Blue - semi gloss	XF8	25	35048
	Interior Grey Green - semi gloss	XF76		24424
	Rust - matt	XF9	113	20045
	White - semi gloss	XF2	34	
	Light Wood* - gloss	XF59		30475
	Steel	XF56	27003	
	Clear Doped Linen - matt	XF55	148	26360
	Dark Green - semi gloss	XF26	105	34128
	Dark Wood* - semi gloss	XF68	98	30108
	Rubber - matt	XF69	66	35042
	Red - matt	XF7	60	31350
	Ochre - semi gloss	XF60	83	33440
	Dark Grey - semi gloss	XF22	92	24159
	Light Grey - matt	XF19	64	36463
	Dark Straw - matt	XF59		30475
	Dark Purple - semi gloss	X16(x2) + XF52(x1)	68(x1) + 29(x1)	37100
	Reddish Purple - matt	X16(x1) + X17(x1) + XF7(x1)		27144
	Dull Green Black - matt	XF27	91	34083
	Chrome Silver	X11	11	
у	Very Light Blue - matt	XF2 (x20) + XF18 (x1)	34(x20) + 96 (x1)	25550
	Brown Glaze - matt	X22(x10)+XF52(x1)	135(x10)+29(x1)	



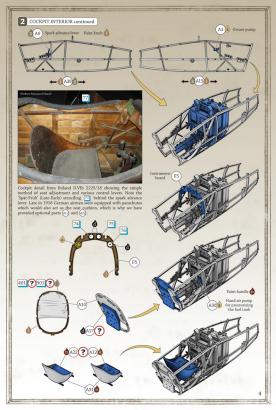


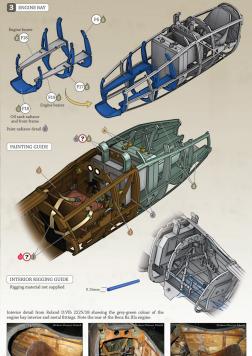


Museum Poland.

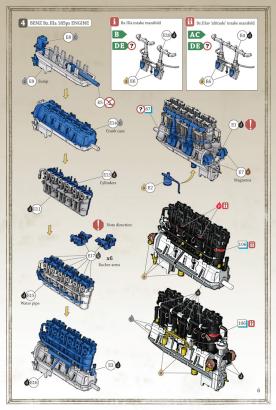
< Gutted interior from Roland D.VIb 2225/18 from the Krakow Museum Poland which is the only Roland D.VI of any type still in existence.







National Property



The Benz Bz.IIIa underwent many changes during it's development and introduction into service, some of which are visible in the images shown below.



Benz Bz.IIIa engine detail fro D.VIb shown on page 16.



A Benz Bz IIIa engine lies abandoned following Note the joined carb intake pipes (E4).



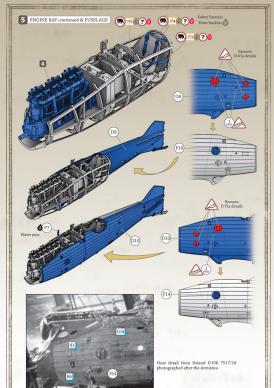
Although this is not a very good image it is one of the very few available of the elusive Benz Bz.IIIa engine.

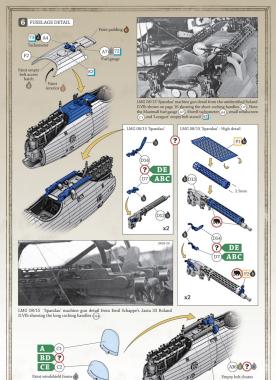




Benz Bz.IIIa 29031 fitted into Roland D.VIb 2225/18 in the Krakow Museum in Poland. Note the red bands painted around each cylinder indicating they contain over compressed cylinders.







7 TAILPLANE Apply your lozenge camouflage decals to gloss painted tailplane parts before assembly.



Early tailplane detail from a Jasta 23b Roland D.VIa (not D.VIb) photographed after the Armistice at Koblenz. Early production Roland D.VIb were fitted with this style of tailplane and rudder. Note that there are no rib tapes applied to the elevators.



Late production taliplane detail from 7504/18 D showing balanced elevators and twin control horns on the rudder. The horizontal taliplane is covered with 4 colour Jozenge fabric while the elevators have 5 colour fabric. Note that there are no rib tapes applied to the elevators.





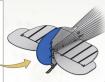


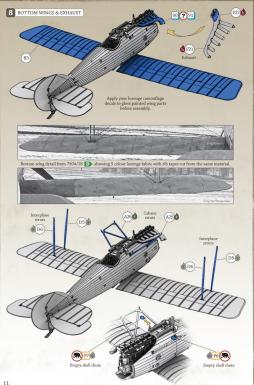


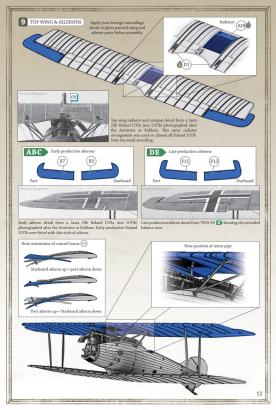
• Late production rudder from Roland D.VIb 7517/18 (see page 26) showing the twin control horns and the linen wrapped portion of the tail skid. In this particular case there is a stencil "Roland D.VIb" applied over the fabric. If you wish to replicate this feature on your model, simply trim the stencil from unused strut decals.

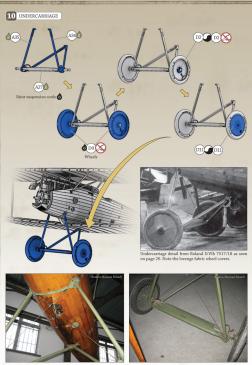




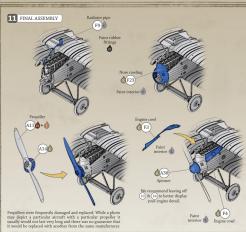






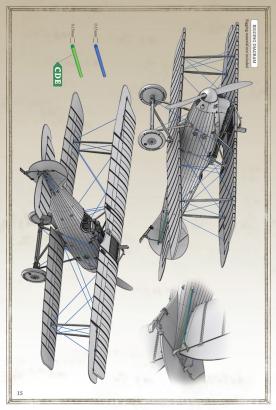


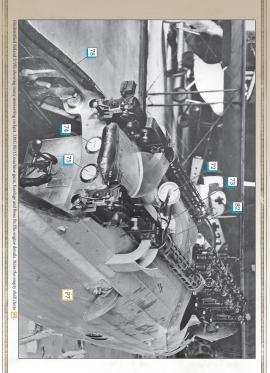
Undercarriage detail from Roland D.VIb 2225/18 showing the grey-green colour of the struts and various metal fuselage fittings. Note how the rigging enters the fuselage.





Roland D.VIa (not D.VIb) 3615/18 displays many of the smaller stencil markings, rigging diagram [79], datum line [108] & [109] and makers plates [80] which are also applicable to the D.VIb.



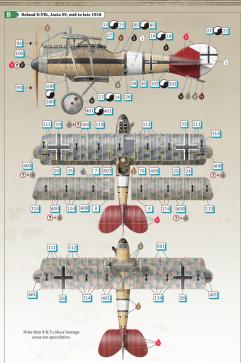




This attractively marked Related DVPs has previously been identified as 2225/18 from Jasta SJ and as participating in the 2nd Fighter Competition in Jasses Jaly 1816. White this may be partially true, we be likely extent at its highly inhighly that this is 2225/18 which now resides in the Krakow Moseum due to several anomalies. But it is an early production Roland DVPs is 2225/18 which now resides in the Krakow Moseum due to several anomalies. But it is an early production Roland DVPs is 2225/18 which now resides in the Krakow Moseum due to several anomalies. But it is an early production Roland DVPs and the Roland Ro



Late production Roland D.Vlb 7253/18 has come to grief in a rather spectacular fashion. Note that the starboard wheel is mounted 'inside out' so that the tyre valve access cover faces inwards.



This early production Roland DVIb has been identified as having been a Royal Prussian Jasta 59 aircraft but the personal and unit colours are not confirmed. The fuelage has a single dark (Bak27) priepre running down each side of the fuelage which extends to rudder and a pale (white?) band with dark (Bak27) borders behind the ockpit. The tallplane has likewise been painted an unconfirmed dark (red?) colour and is visibly paler than the darker fuesleg setting which extends over this area.

Roland D.VIb 7502/18 "P132", McCook Field, Dayton Ohio USA, May to June 1920 132 7502 135 7502

Roland DVIN 7802/18 was shipped to America after the Aministic and was the subject of performance testing at McCook Field as well as a test to feel the application of experimental canonidates gloomar, Although it is a last production in activit the allerons are the early type with madler balances which may indicate that it was reassembled from components taken from various artiferames. In his report of November 1920, see taplet Lossi by Montary noted the Berna Ellis negathe had 2000 by the twas only able coax a top speed of 11 denpt (1838ph) from it, although be had great trouble keeping the engine cool. He also reported that the fring qualitation were very similar to whom of the Pokker DVI by the controls were easier to operate.



These hand tinted photos of Rohard DVIb 7502/18 at McGok field were prepared as part of the 'War Department Air Service, Engineering Division, McGok Field, Dayroo, Dilo Report on Connedinge OT Day Ariphane; published in Jasury 1921. Although the report was published in early 1921 the actual camouflage experiments involving Rohard DVIb 7502/18 were conducted in May and June 1920. Note that hand intend colours shown are thought to be representative and not necessary the exact paint colour used for the experiment. The colours are recorded as highly reflective 'aluminism,' dull black green,' Right blue' on the sides of the fuselage (which the report considered to logish,' vicidin purple 'and that straw'.



Roland D.VIb 7502/18 photographed during an intermediate stage of the camouflage experiment. Note how the 'dull black green' applied to the spine of the fuselage does not yet reach down to the top of the '75' in this photo. The propeller, struts, wheels, side of the fuselage in the shadow of the top wing, undersides of the wings, tailplane and bottom of the fuselage were aluminium. This was not painted on, it was covered with aluminium 'plating' (foil?) and 'aluminium powder dusted or burnished on'. The result is a highly reflective finish which appears both light and dark in this photo depending on what the surface is reflecting. Note the playing card 31 stuck inside the '0' which had been removed by the time the hand tinted photos above were taken.

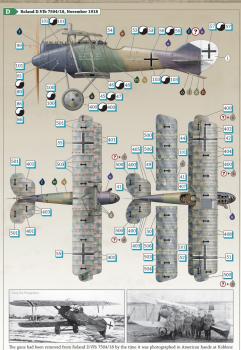


Roland D.VIb 7502/18 photographed during an intermediate stage of the camouflage experiment

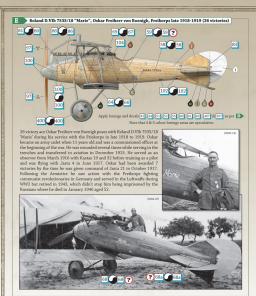








ting gains has deen temover rom assumin LV to 5000 LV by the time of very pincopyliphed in American hashs at Aconden following the American Lengther conventional windom, photographic evidence shows that, the many other foliand DVI, the following the American LV to the Company of the Company







Roland D.VIb 6238/18 disassembled and awaiting transport on a railway carriage. Note the empty shell chute 🔼 and dark blue, dark green, ochre & dark purple fuselage with pale blue serial number and weight table similar to 🗈



Late production Roland D.VIb 6142/18 in a similar camouflage finish to D photographed after the Armistice.





^ Early production Roland D.VIb 2225/18 as it currently rests in the Krakow Museum in Poland. This aircraft was originally displayed in the Deutche Luftfahrt Sammlung Museum in Berlin until the museum was destroyed by allied bombing during WW2, at which time many of the surviving exhibits were moved to the relative safety of Poland. Over the intervening years the wings, tailplane and much of the fuselage planking was lost or severely damaged. The shattered remains of the fuselage was restored during the 1990s and new tailplane components built for it. If you wish to build Roland D.VIb 2225/18 as it would have appeared when brand new we recommend using the optional parts called out for . Read more about the restoration of 2225/18 in Windsock Magazine volume 9 #3 1993.

> Roland D.VIb 2225/18 photographed sometime before its restoration. Note that even at this time a considerable amount of the fuselage planking appears to have been replaced.





The 3rd Roland D.VI prototype was 222/18 which was the 1st machine to be fitted with the Benz Bz. IIIa engine making it the 25 first D.VIb. Note the fin and rudder as well as the height of the top wing.



Roland D.VIb 7517/18 photographed at Romorantin France following the Armistice. The missing rudder cross indicates an aircraft completed too late for active service during the First World War, although some found their way into service with the Freikorps following the Armistice as seen in



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

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

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 Stave's wahoite at-ways 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 have any questions about this model, comments, requests or suggestions, Richard is contactable at richard@wingnutwings.com



32017	1/32 Roland D.VIb	Qty
0132022A	A parts	1
0132022B	B parts	1
0132022C	C parts	1
0132022D	D parts	1
132E0018	E parts Bz.IIIa engine	1
0132017F	F Parts	1
0132017P	Photo-etched metal parts	1
7132017	Instructions	1
9132017a	Decals	1
9132017Ъ	4 Colour Lozenge decals	1
9132017c	5 Colour Lozenge decals	1

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



32022 - 1/32 Roland D.VIa



32020 - 1/32 Sopwith Snipe Early



Also available from www.wingnutwings.com

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