

## BRITISH WWI FIGHTER 1:48 SCALE PLASTIC KIT

ProfiPACK



eduard

### intro

The Bristol F.2B Fighter, a British two-seat biplane fighter and reconnaissance aircraft, had its roots in Frank Barnwell's design studies, dating from March 1916. His task was to design an aircraft that would replace the B.E.2c. Two studies were explored – the Type 9 R.2A which was intended to be powered by the 160 hp Beardmore engine, and the R.2B that was to be powered by the 150 hp Hispano Suiza. Neither of these types were built. In the meantime, the new 190 hp Rolls-Royce Falcon inline engine became available, and Barnwell designed a new aircraft around this engine. The new aircraft, known under designation Type 12 F.2A, was intended as a replacement for the F.E.2d and Sopwith 1½ Strutter two-seat fighters.

The new aircraft made its maiden flight on 9 September 1916. Only 52 F.2As were produced. The armament consisted of one synchronised, fixed, forward-firing 7,7mm Vickers machine gun, and one flexible 7.7 mm Lewis Gun, mounted on a Scarff ring in the observer's cockpit.

The Bristol Type 14 F.2B flew for the first time on 25 October 1916. The initial batch of approximately 150 aircraft were powered by Falcon I and Falcon II engines. The rest of serial production aircraft by Bristol were equipped with the 275 hp Falcon III engine. The F.2B could reach a maximum speed of 198 km/h, and was more than 16 km/h faster than the F.2A.

F.2B armament was the same as the F.2A, but F.2Bs often carried a second Lewis gun on the rear cockpit mounting.

The limited capability of the Bristol factory was the reason why the F.2B was manufactured under licence by Gloucestershire Aircraft Co. Ltd., Marshall & Sons, and National Aircraft Factory No. 3. Due to the shortage of Rolls Royce Falcons, these manufacturers mounted two other engines into the F.2B airframe – Hispano Suiza 8Ab (B, Ba later), and Sunbeam Arab I.

The Bristol F.2B Fighter was a manoeuvrable aircraft that was able to take on single-seat fighters in direct combat. It was flown by many Royal Flying Corps Squadrons, and remained in military service into the 1930s, and surplus aircraft were popular in the civil aviation world.

### úvodem

Bristol F.2B Fighter, britský dvoumístný stíhací a průzkumný dvouplošník, má své kořeny ve studiích zkonstruovaných Frankem Barnwellem v březnu 1916. Jeho úkolem bylo navrhnout letoun, který by nahradil typ B.E.2c. Dokončeny byly dvě studie – Type 9 R.2A měl být poháněn motorem Beardmore o výkonu 150 k a R.2B měl pohánět motor Hispano Suiza o výkonu 150 k. Ani jedna z těchto pohonného jednotek nakonec nebyla k dispozici. Mezitím však přišel do výroby řadový motor Rolls Royce Falcon I o výkonu 190 k a Barnwell kolem něj zkonstruoval nový letoun. Dostal označení Type 12 F.2A a byl zamýšlen jako náhrada za dvoumístné stíhačky F.E.2d a Sopwith 1½ Strutter.

Nový letoun se poprvé dostal do vzdachu 9. září 1916. Postaveno bylo pouze 52 exemplářů F.2A. Výzbroj tvořil jeden synchronizovaný, pevný, vpřed střílející 7,7mm kulomet Vickers a jeden pohyblivý 7,7mm kulomet Lewis instalovaný v oběžném kruhu Scarff v kokpitu pozorovatele.

Bristol Type 14 F.2B poprvé vzlétl 25. října 1916. Prvních zhruba 150 letounů bylo poháněno motory Falcon I a Falcon II. Zbytek produkce pak dostal motory Falcon III o výkonu 275 k, s nimiž letouny dosahovaly maximální rychlosti 198 km/h a byly tak o 16 km/h rychlejší než F.2A.

Výzbroj zůstala stejná jako u F.2A, avšak F.2B často měly v zadním kokpitu montovaný druhý kulomet Lewis.

Omezená výrobní kapacita Bristolu byla důvodem spuštění licenční výroby u společnosti Gloucestershire Aircraft Co. Ltd., Marshall & Sons a National Aircraft Factory No. 3. Kvůli nedostatečným dodávkám motorů Falcon používali tito výrobci motory Hispano Suiza 8Ab (později B, Ba) a Sunbeam Arab I.

Bristol F.2B byl obratným letounem, schopným postavit se jednomístným stíhacím letounům a sloužil u mnoha squadron Royal Flying Corps. V řadách ozbrojených sil se udržel až do 30. let a letouny z válečných přebytků se těšily popularitě v civilním leteckv.

ATTENTION

UPOZORNĚNÍ

ACHTUNG

ATTENTION

注意



Carefully read instruction sheet before assembling. When you use glue or paint, do not use near open flame and use in well ventilated room. Keep out of reach of small children. Children must not be allowed to suck any part, or pull vinyl bag over the head.



Před započetím stavby si pečlivě prostudujte stavební návod. Při používání barev a lepidel pracujte v dobré větrané místnosti. Lepidla ani barvy nepoužívejte v blízkosti otevřeného ohně. Model není určen malým dětem, mohlo by dojít k poškození drobných dílů.

## INSTRUCTION SIGNS \* INSTR. SYMBOLY \* INSTRUKTION SINNBILDEN \* SYMBOLES \* 記号の説明



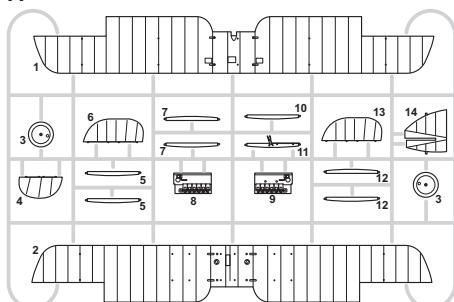
### PARTS \*

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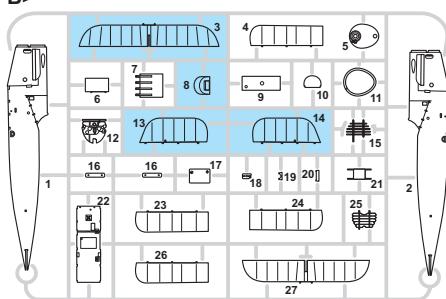
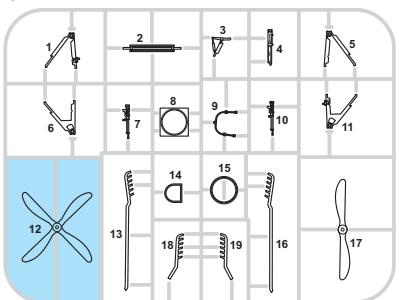
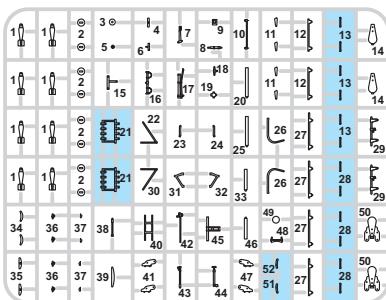
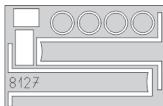
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### PIÈCES \*

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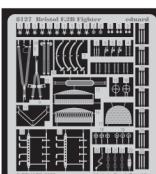
### PLASTIC PARTS

**B>****C>****D>**
**eduard  
MASK**


FILM



### PE - PHOTO ETCHED DETAIL PARTS



-Parts not for use. -Teile werden nicht verwendet. -Pièces à ne pas utiliser. -Tyto díly nepoužívejte při stavbě. - 使用しない部品

### COLOURS \*

### BARVY \*

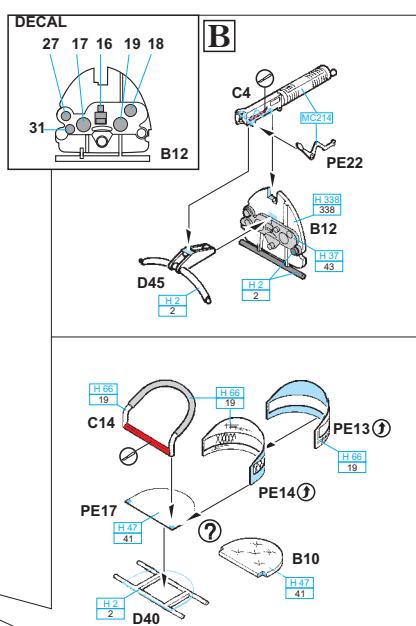
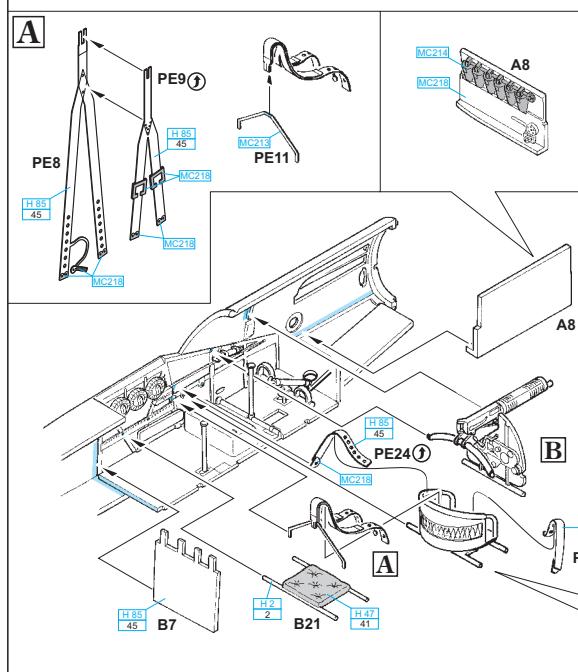
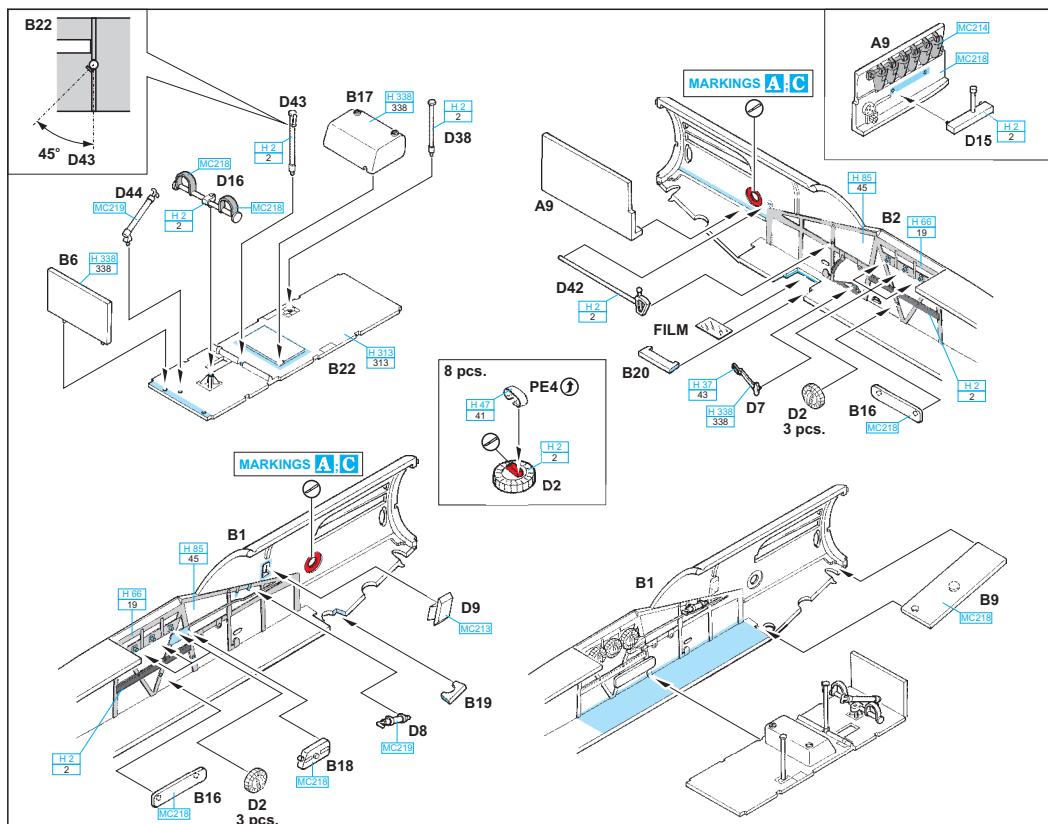
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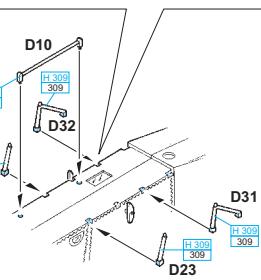
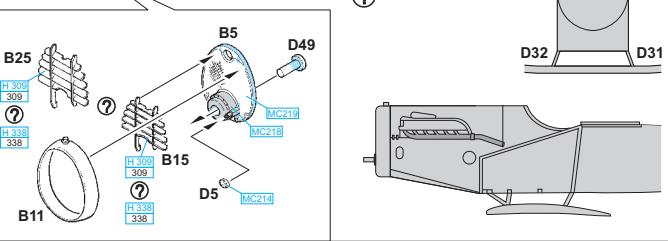
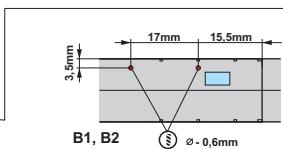
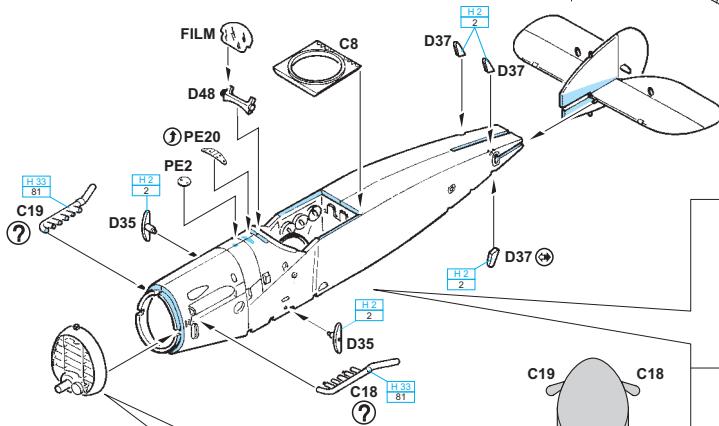
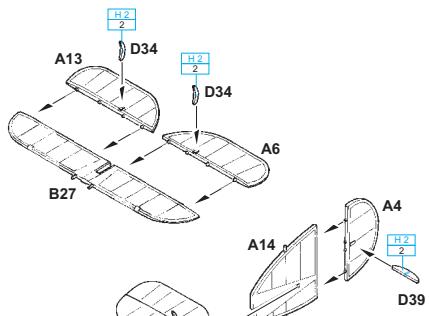
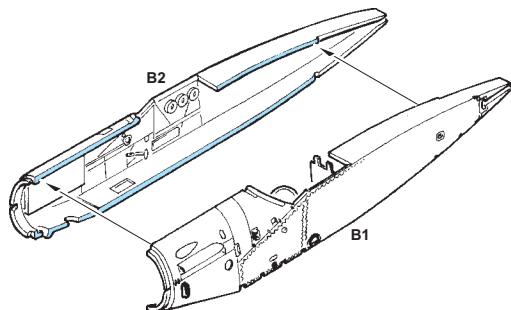
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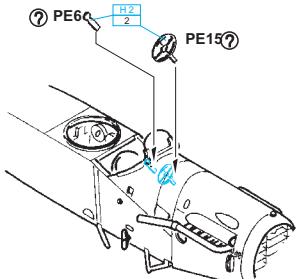
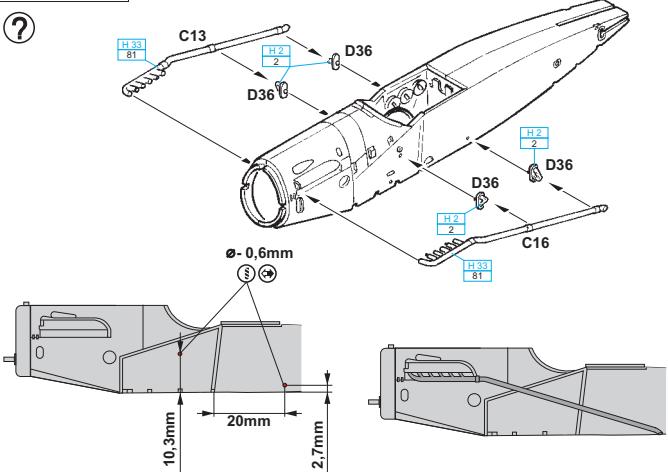
GSi Creos (GUNZE)	
AQUEOUS	Mr.COLOR
[H.1]	[C1] WHITE
[H.2]	[C2] BLACK
[H.3]	[C3] RED
[H.4]	[C4] YELLOW
[H.5]	[C91] RUSSET
[H.6]	[C43] WOOD BROWN
[H.7]	[C41] RED BROWN
[H.8]	[C19] SANDY BROWN
[H.9]	[C118] DARK GRAY

AQUEOUS	Mr.COLOR
[H.6]	[C45] SAIL COLOR
[H.7]	[C308] GREEN
[H.8]	[C313] YELLOW
[H.9]	[C324] LIGHT GRAY
[H.10]	[C358] LIGHT GRAY
[H.11]	[MC213] STAINLESS
[H.12]	[MC215] DARK IRON
[H.13]	[MC216] ALUMINUM
[H.14]	[MC218] BRASS

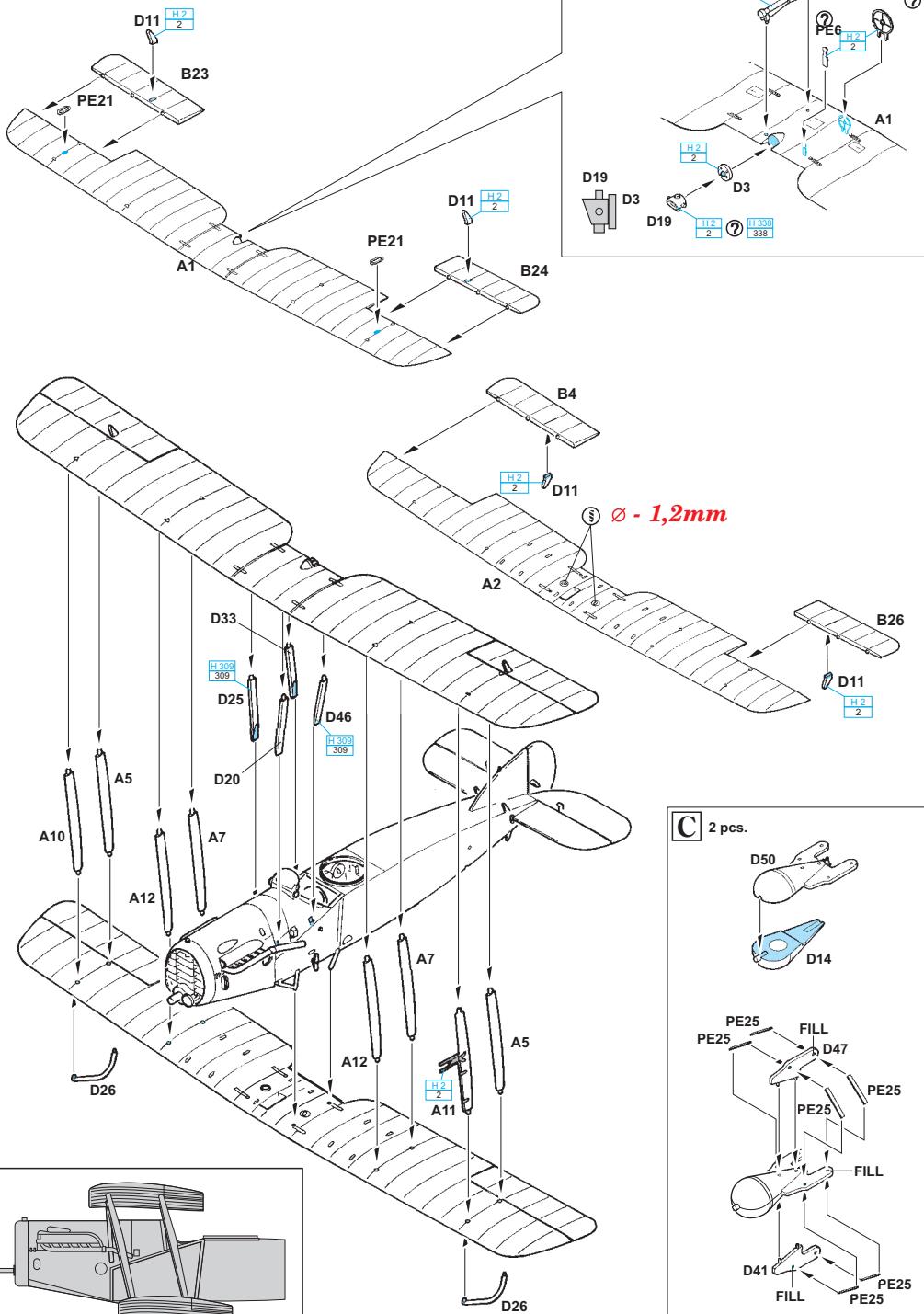


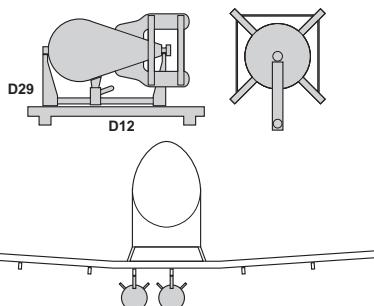
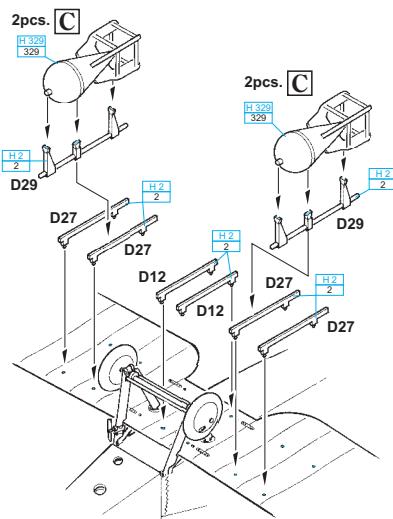
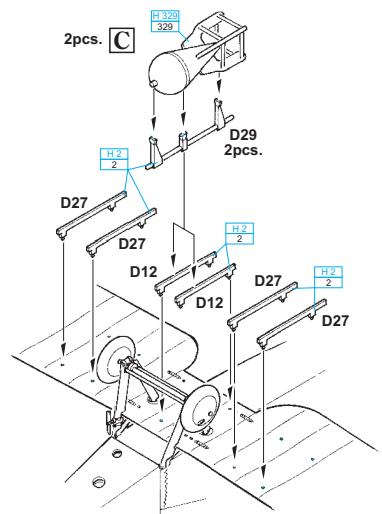
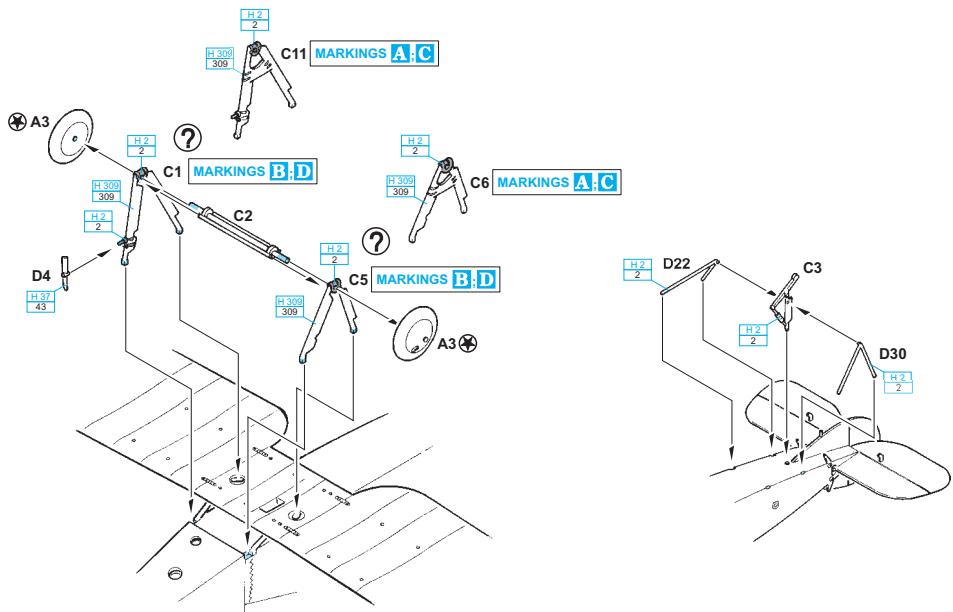


**MARKING C ONLY**

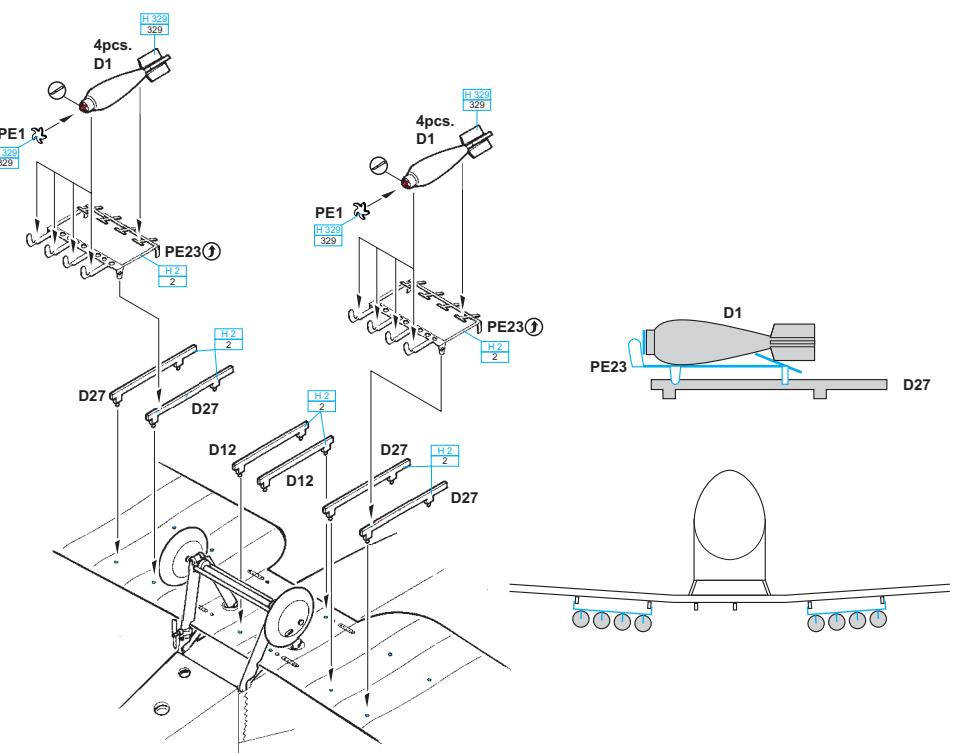


## BOTTOM





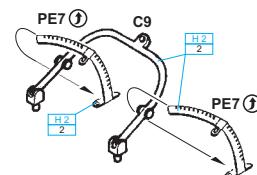
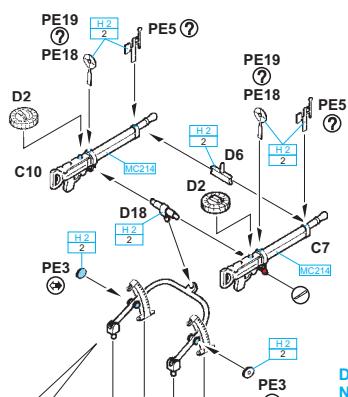
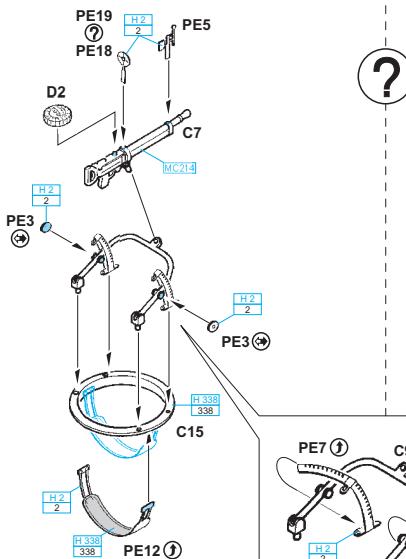
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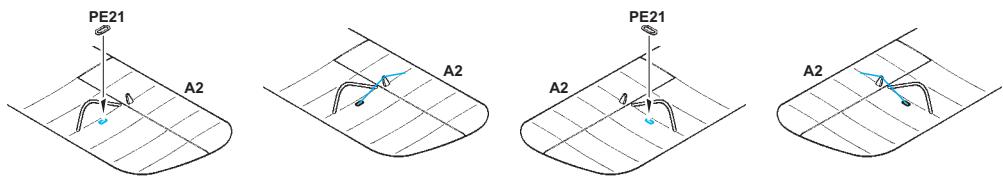


MARKINGS A B;C

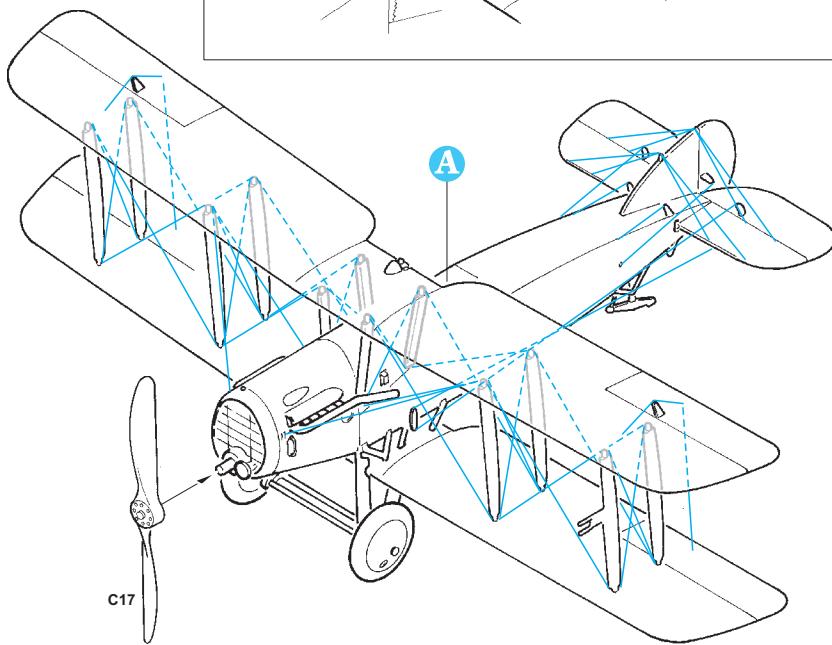
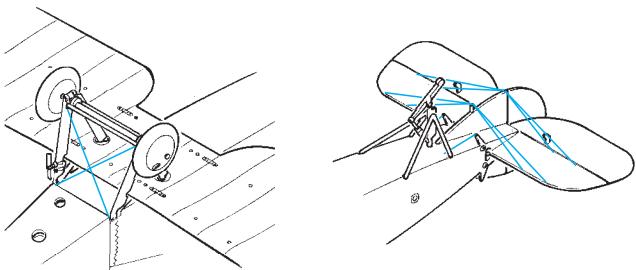
MARKING D

A



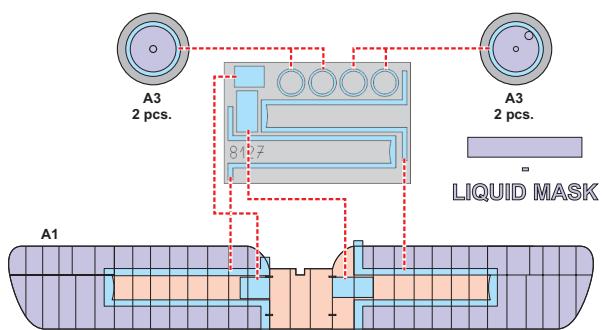
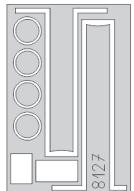


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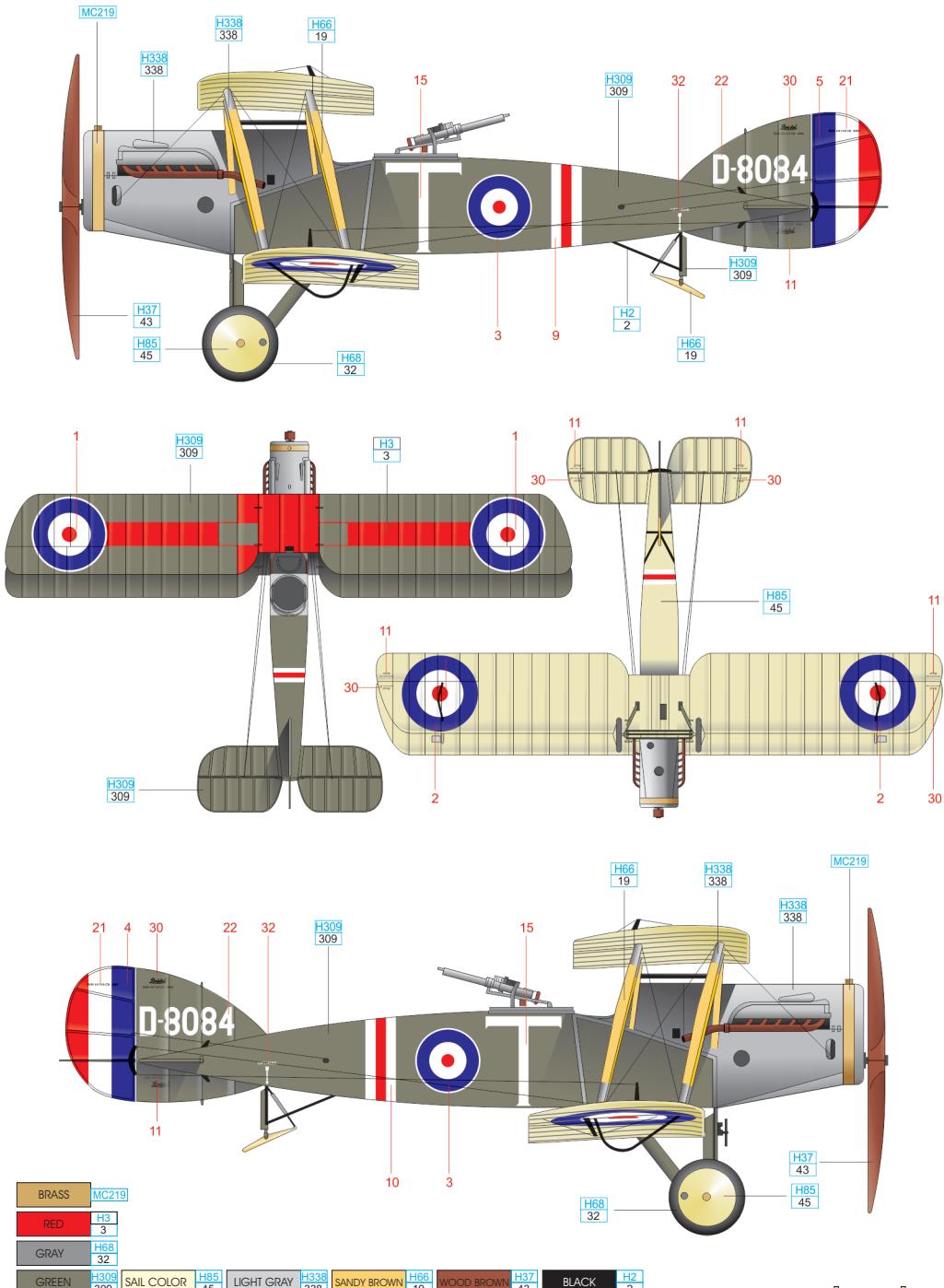


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**MASK**

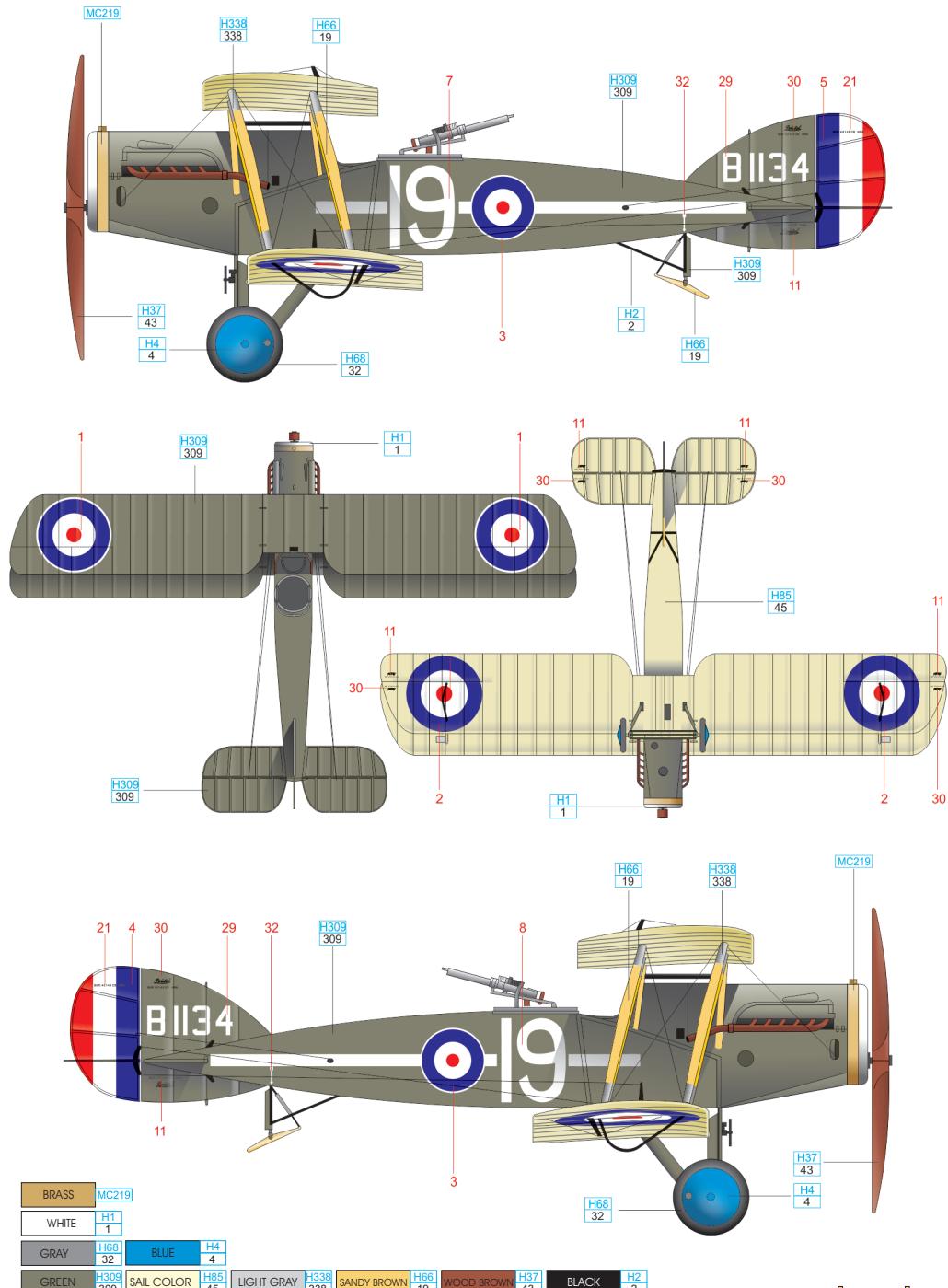
**8127**



# A Bristol F.2B D-8084, No.139 Squadron RAF, Cpt. S. Dalrymple and 2/Lt. C. Beagle, Italy, August 1918



# B Bristol F.2B B1134, No.34 Squadron RFC, February 1918



# C Bristol F.2B C-4695, Gunnery Trainer, No.2 SAFG/No.4 ASAG, Marske, England, 1918

