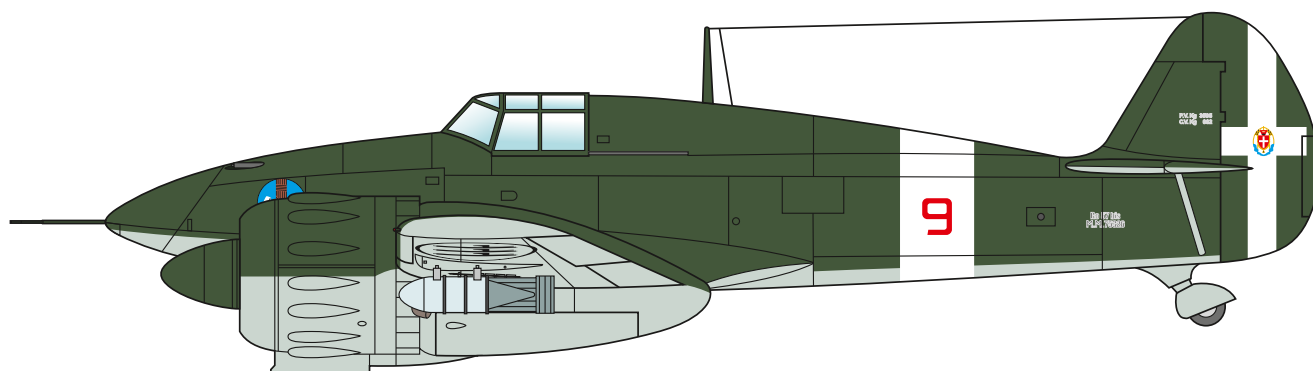




IMAM (Romeo) Ro.57bis 'Italian Fighter-Attack Plane'

Instructions / Návod

EN

The prototype Ro.57, designed by Industrie Meccaniche e Aeronautiche Meridionali (I.M.A.M.), took to the air for the first time in early 1939. It was built to a design by Giovanni Galasso, who was also assisted by Pietro Calleria and Manlio Fiore. The twin-engined interceptor, powered by Fiat A 74 R.C.38 engines, was of mixed construction. The fuselage was a metal tubular structure with metal skinning while the wing was made of wood covered with plywood. The Ro57 was armed with a pair of 12.7 mm machine guns. It was first presented to the public in May 1939 during an international congress organized for aviation journalists. However, its performance did not convince the Regia Aeronautica's top brass. The proposal to modify the type into a fighter-bomber was also rejected. It was only after the failure of Breda Ba.88B bombers in 1941 when the Regia Aeronautica urgently needed ground-attack aircraft, that the proposal was eventually accepted. The Ro.57 was redesigned into the Ro.57bis version equipped with aerodynamic brakes, a belly pylon for a 500 kg bomb and wing pylons for 250 kg bombs. Some sources state that the 12.7 mm machine guns were replaced by a pair of 20 mm cannon. Originally 200 production examples were ordered, but this quantity was reduced to 90, with only 60 of them really produced in total. The aircraft were operationally deployed as part of the 97° Gruppo in February 1943. The 97° Gruppo, consisting of the 226th sq and 227th sq, practiced attacks on ground and naval targets. In July 1943, the unit was deployed in combat and the aircraft took anti-submarine patrol and convoy escort roles. However, on 13 July 1943, an American B-24 Liberator bombed the Crotona airfield and ten of the fifteen Ro.57bis based there were destroyed. The remaining aircraft of the unit were kept in service by cannibalizing other aircraft until the disbandment of the 97° Gruppo on 10 August 1943.

Specifications: wingspan 12.50 m, length 8.80 m, height 2.90 m, max. speed 500 km/h, range 1,200 km

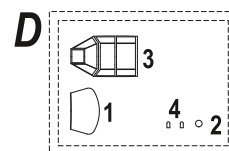
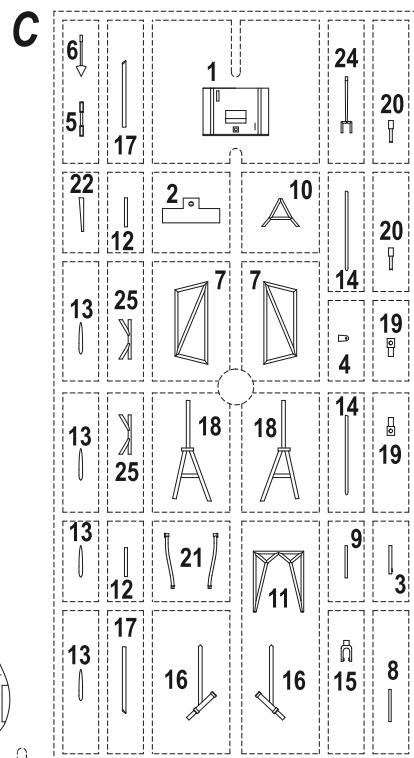
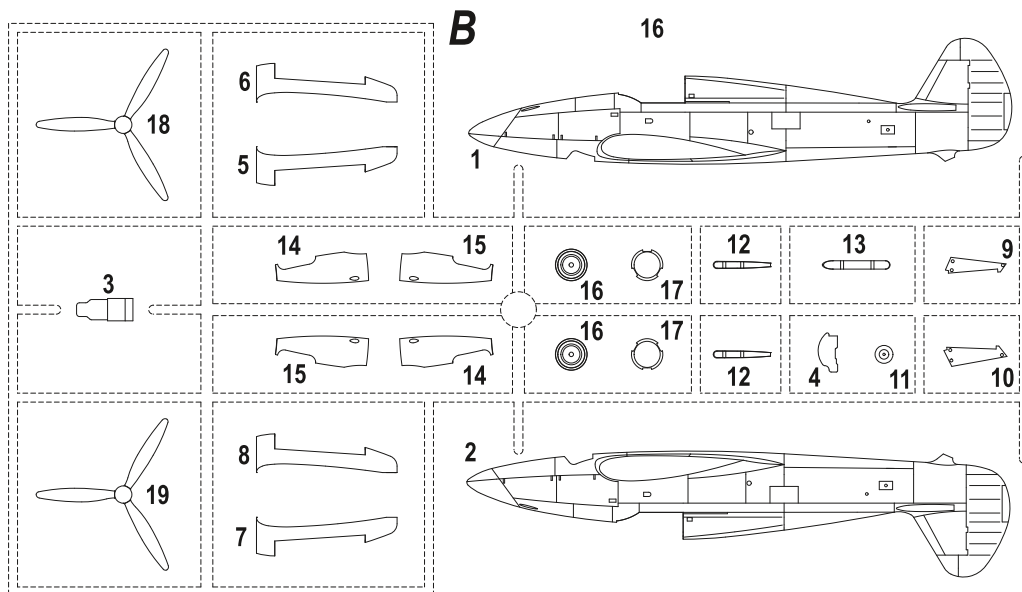
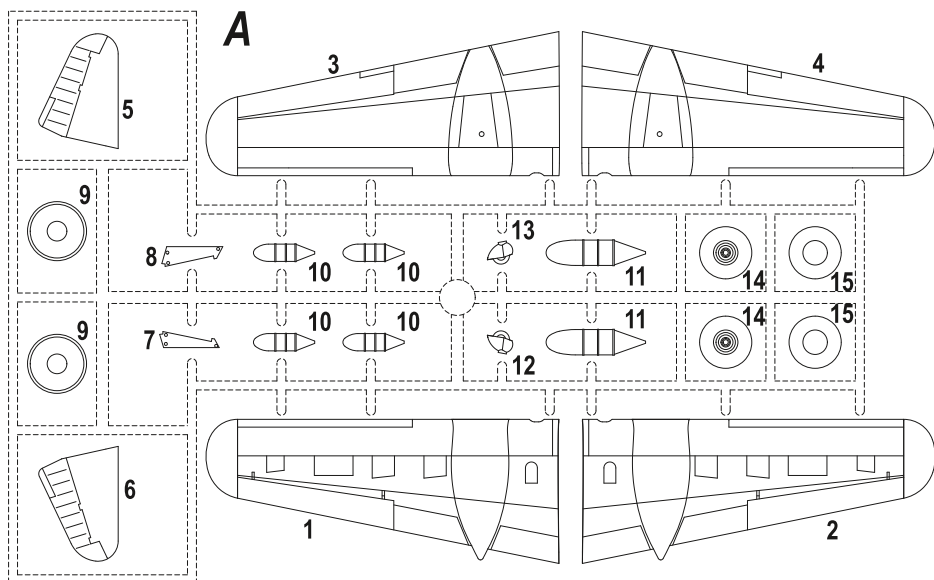
Armament: two 12.7 mm machine guns in the front fuselage, one 500 kg bomb under the fuselage and two 250 kg bombs under the wings.

CZ

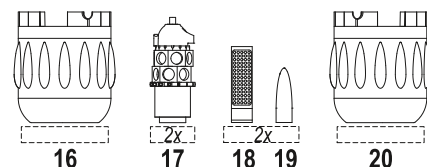
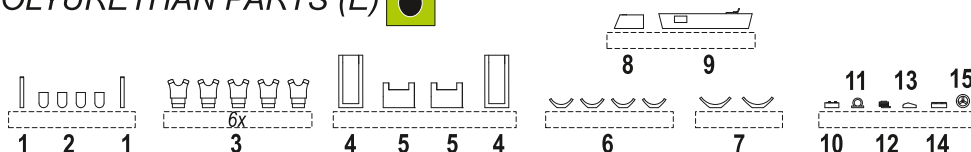
Prototyp letounu Ro.57 zkonstruovaný firmou Industrie Meccaniche e Aeronautiche Meridionali (I.M.A.M.) vzlétl poprvé počátkem roku 1939. Byl postaven dle návrhu Giovanniho Galassa, kterému asistovali Pietro Calleria a Manlio Fiore. Dvumotorový záhytný stíhací letoun, poháněný motory Fiat A 74 R.C.38, byl smíšené konstrukce. Trup byl tvořen kovovou trubkovou konstrukcí a kovovým potahem, křídlo bylo dřevěné s překližkovým potahem. Ro57 byl vyzbrojen dvěma kulomety ráže 12,7 mm. Veřejnosti byl poprvé představen v květnu 1939 během mezinárodního kongresu pořádaného pro letecké žurnalisty. Výkonově však velení Regia Aeronautica nepřesvědčil. Odmítnut byl i návrh na úpravu na stíhací bombardér. Až po selhání bombardérů Breda Ba.88B v roce 1941, kdy Regia Aeronautica nutně potřebovala útočné letouny, byl návrh akceptován. Ro.57 byl přepracován na verzi Ro.57bis vybavenou aerodynamickými brzdami, podtrupovým závěsníkem pro pumu 500 kg a křídelními závěsníky pro pumy 250 kg. Některé podklady uvádí, že kulomety 12,7 mm byly nahrazeny kanóny ráže 20 mm. Původně bylo objednáno 200 sériových kusů, toto množství však bylo sníženo na 90 kusů, celkově však bylo později vyrobeno pouze 60 kusů. Letouny byly operačně nasazeny v rámci 97° Gruppo v únoru 1943. 97° Gruppo, složená z 226. sq a 227. sq cvičilo útoky na pozemní i námožní cíle. V červenci 1943 byla nasazena do bojů, letouny byly nasazeny do protiponorkových hlídek a doprovodu konvojů. 13. července 1943 však americké B-24 Liberator bombardovalo letiště v Crotona a deset z patnácti Ro.57bis bylo zničeno. Zbývající stroje jednotky byly udržovány v provozu kanibalizací jiných strojů až do rozpuštění 97° Gruppo 10. srpna 1943.

Technické údaje: Rozpětí 12.50 m, Délka 8.80 m, Výška 2.90 m, Max. rychlost 500 km/h, Dolet 1200 km

Výzbroj: dva kulomety ráže 12.7 mm v předí trupu, jedna puma o váze 500 kg pod trupem a dvě 250 kg pumy pod křídly.



POLYURETHAN PARTS (E)



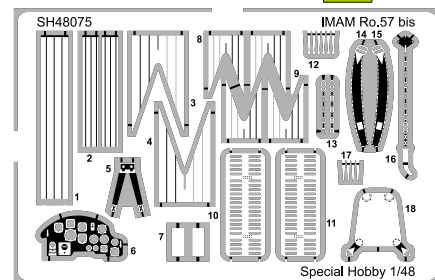
A	H2 / C2	Gloss Black / Lesklá černá
B	H8 / C8	Silver / Stříbrná
C	H21 / C69	Off White / Špinavá bílá
D	H27 / C44	Tan / Plátno
E	H28 / C78	Metal Black / Kovová černá
F	H67 / C115	Grigio Azzuro Chiaro / Nebeská šedá
G	H22 / C13	Dark Grey / Tmavá šedá
H	H77 / C137	Tire Black / Černá na pneumatiky
I	H302 / C302	Verde Oliva Scuro 2 / Tmavá zelená
J	H312 / C312	Primer / Základová barva
K	H329 / C329	Yellow / Žlutá
L	H338 / C338	Light Grey / Světlá šedá
M	H76 / C61	Burnt Iron / Opálený kov



FILM PARTS (FP)



PHOTOETCHED PARTS (PP)



SYMBOLS



MOŽNOST VOLBY
OPTIONAL
NACH BELIEBEN
OPTION



POUŽÍT KYANOAKRYLÁTOVÉ LEPIDLO
INSTANT CYANOACRYLATE GLUE
ZYANOAKRYLATKLEBER
COLLE CYANOACRYLAT



OHNOUT
BEND
BIEGEN
COURBER



ZHOTOVIT NOVĚ
SCRATCH BUILD
FERTIGSTELLEN
ACHEVER



ŘEZAT/VRTAT
CUT OFF/DRILL
ENTFERNEN
DETACHER

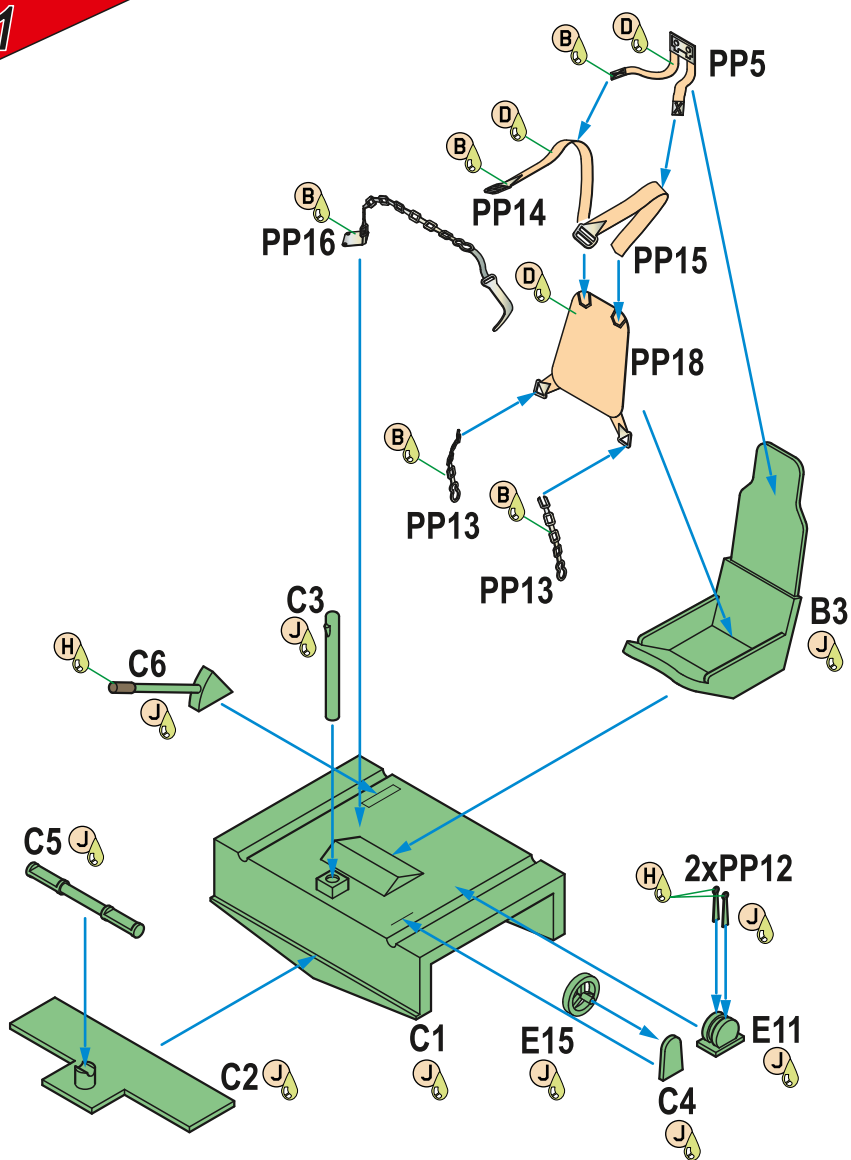


GSI
colour code

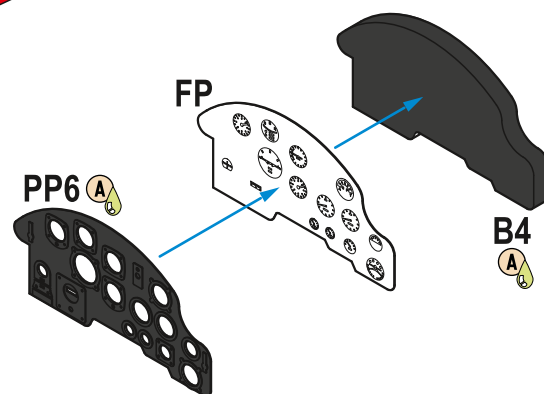


NATŘÍT
COLOUR
FARBEN
PEINDRE

1

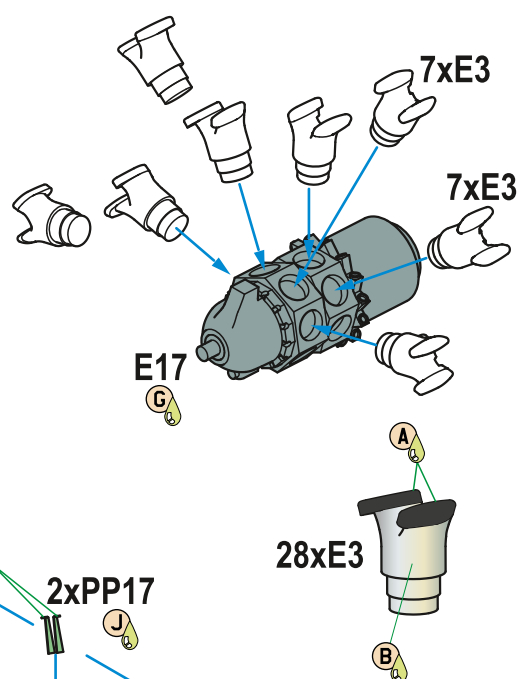


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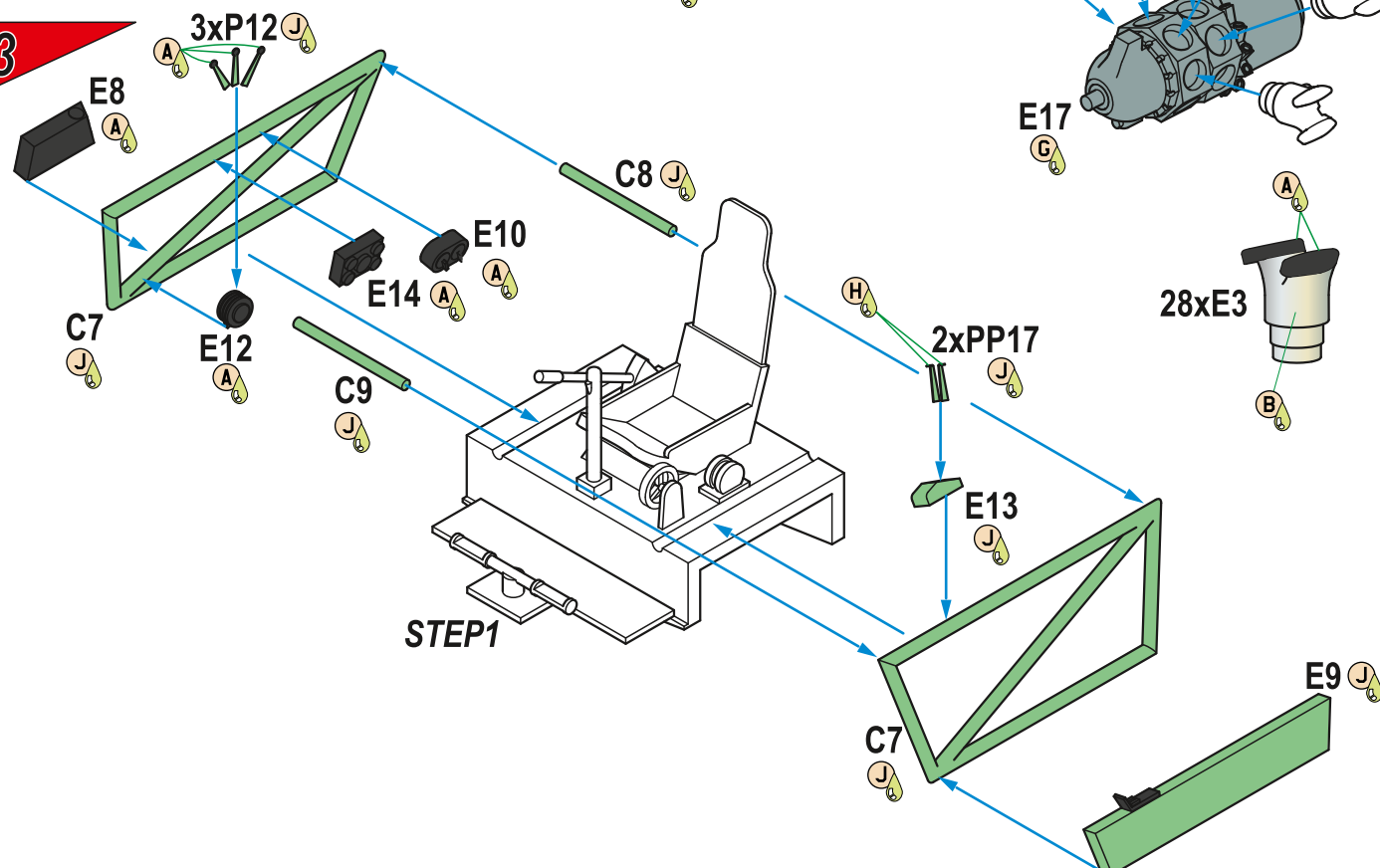


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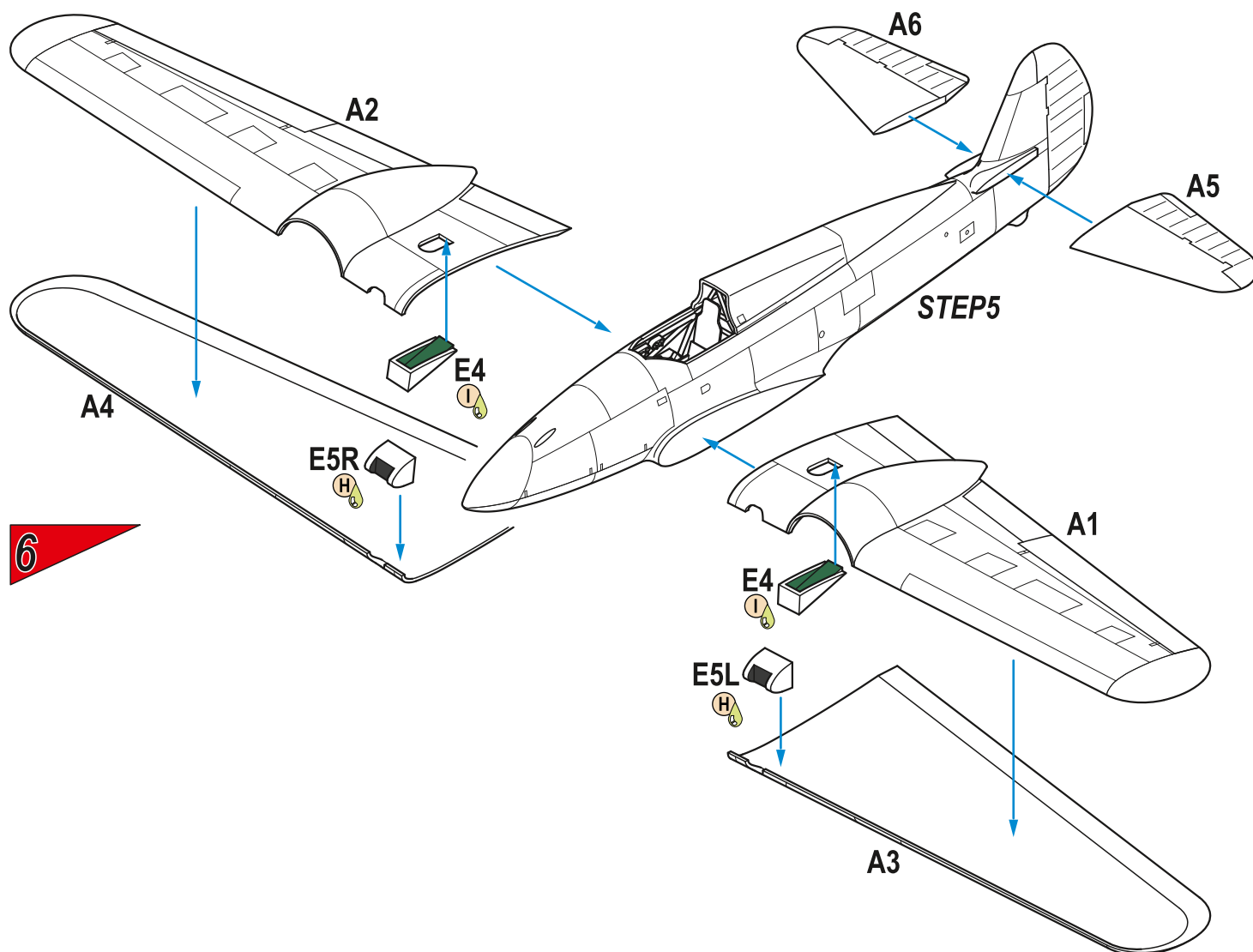
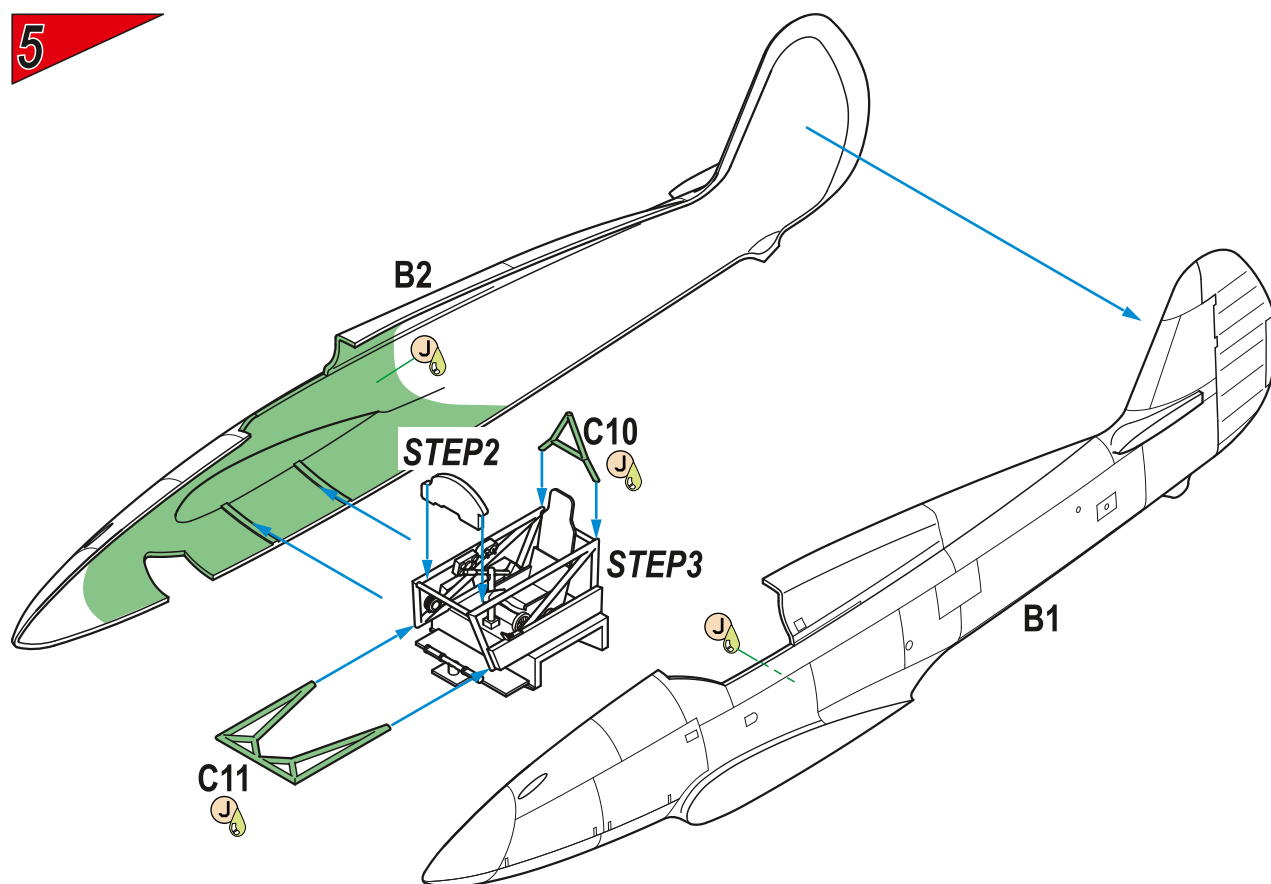
Make 2 sets



3

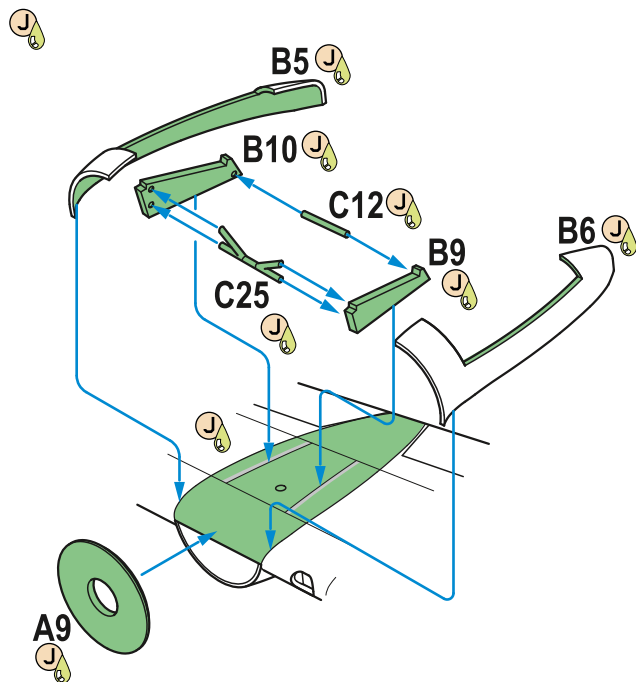
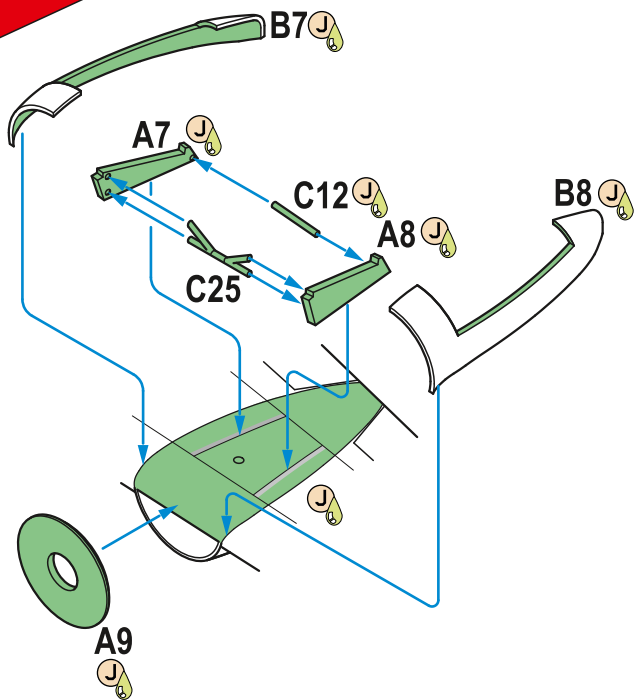


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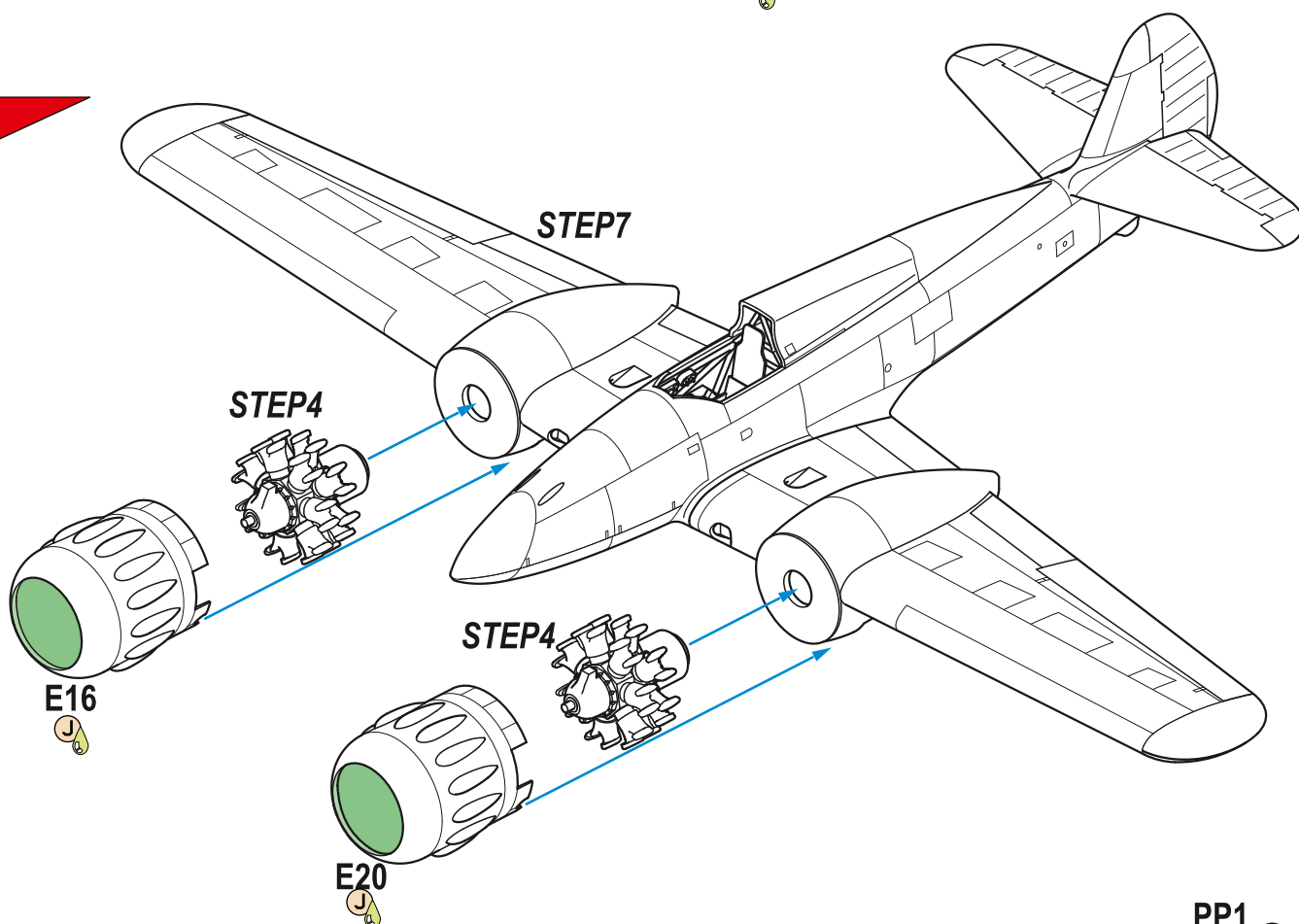


6

7

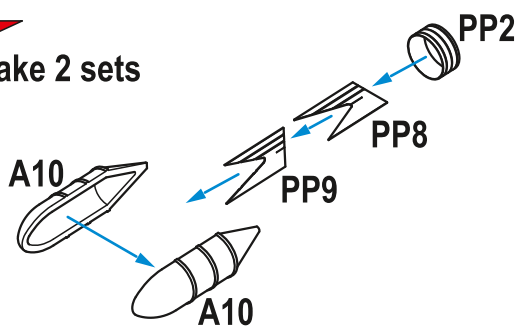


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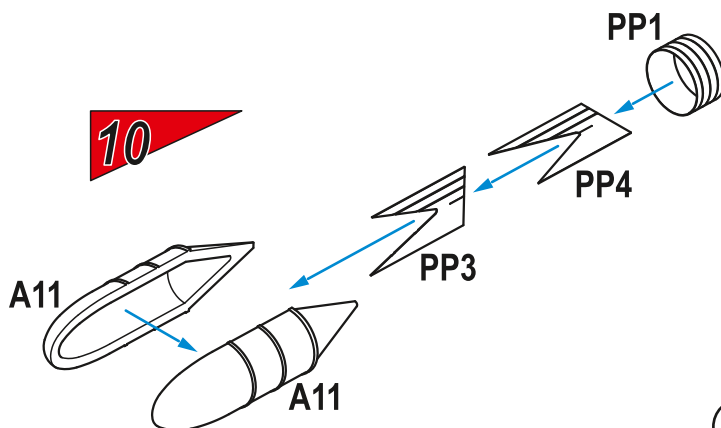


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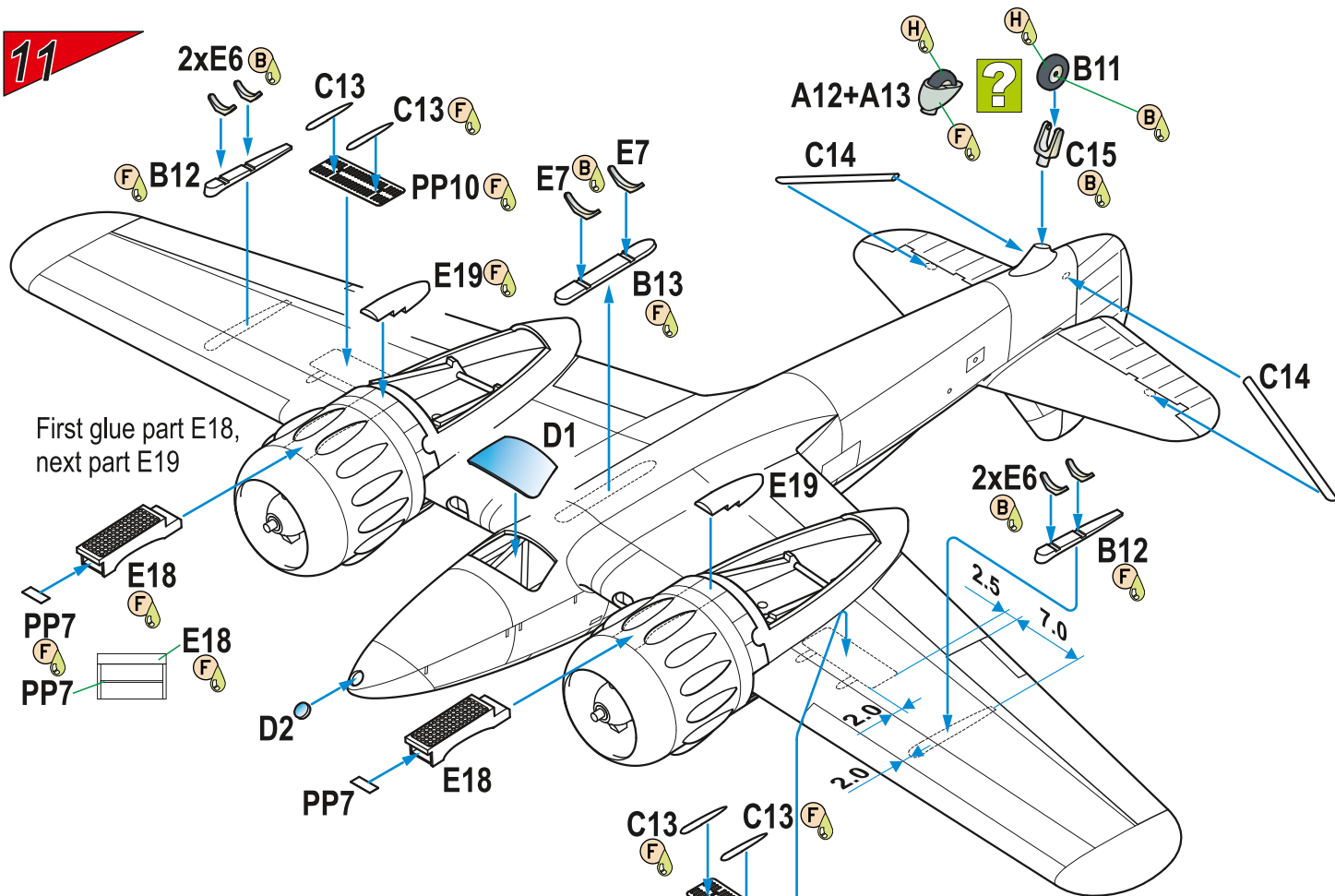
Make 2 sets



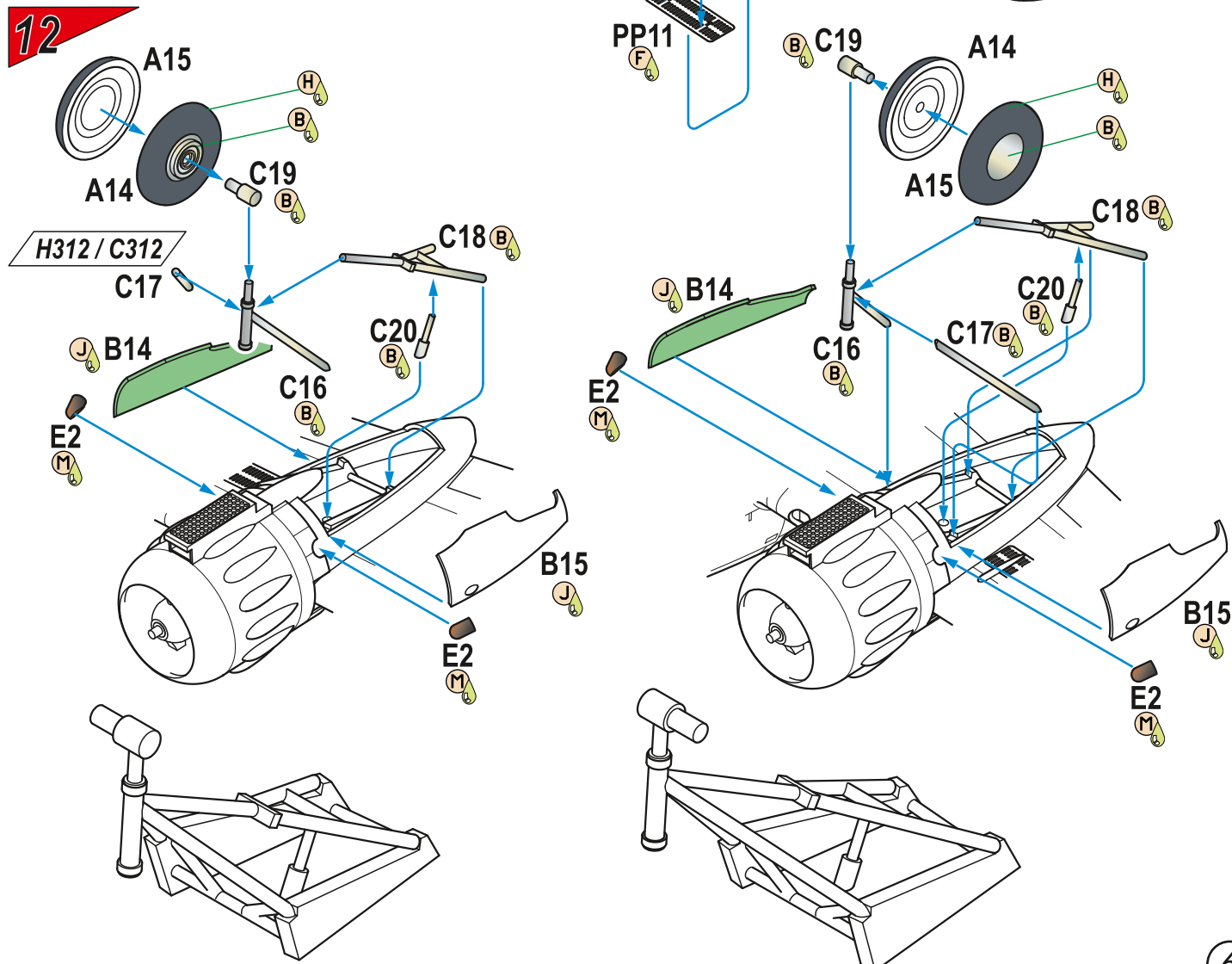
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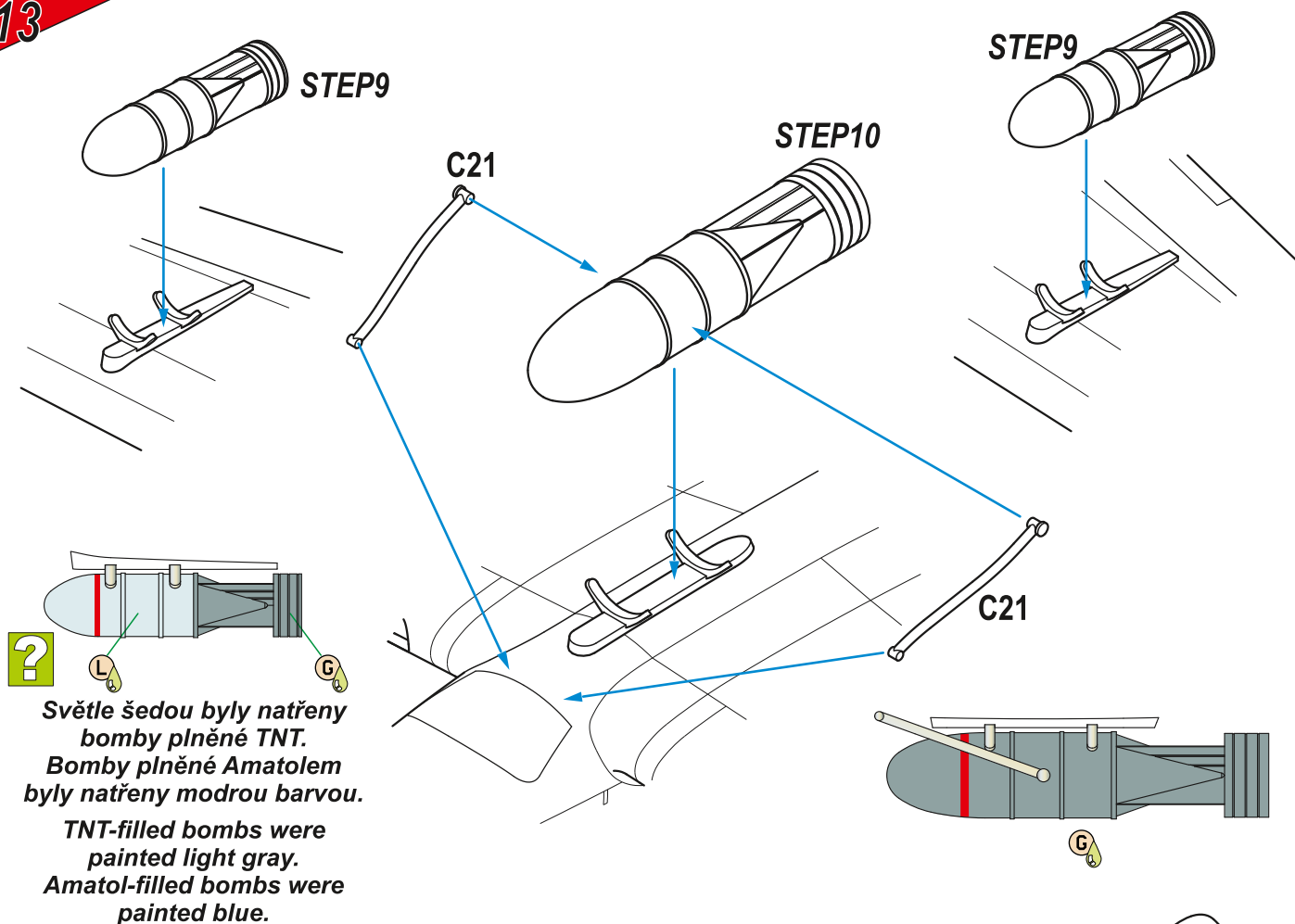
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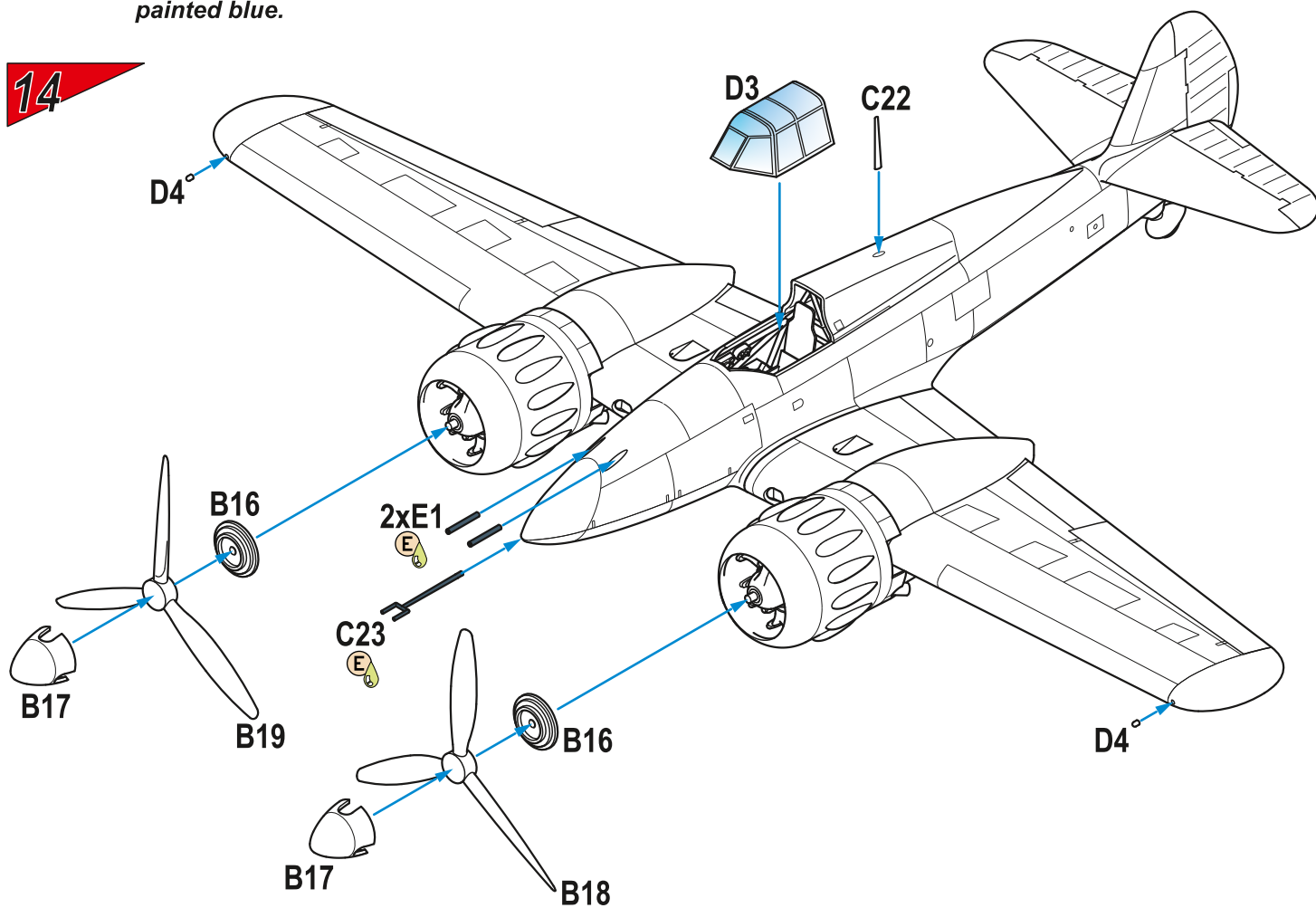
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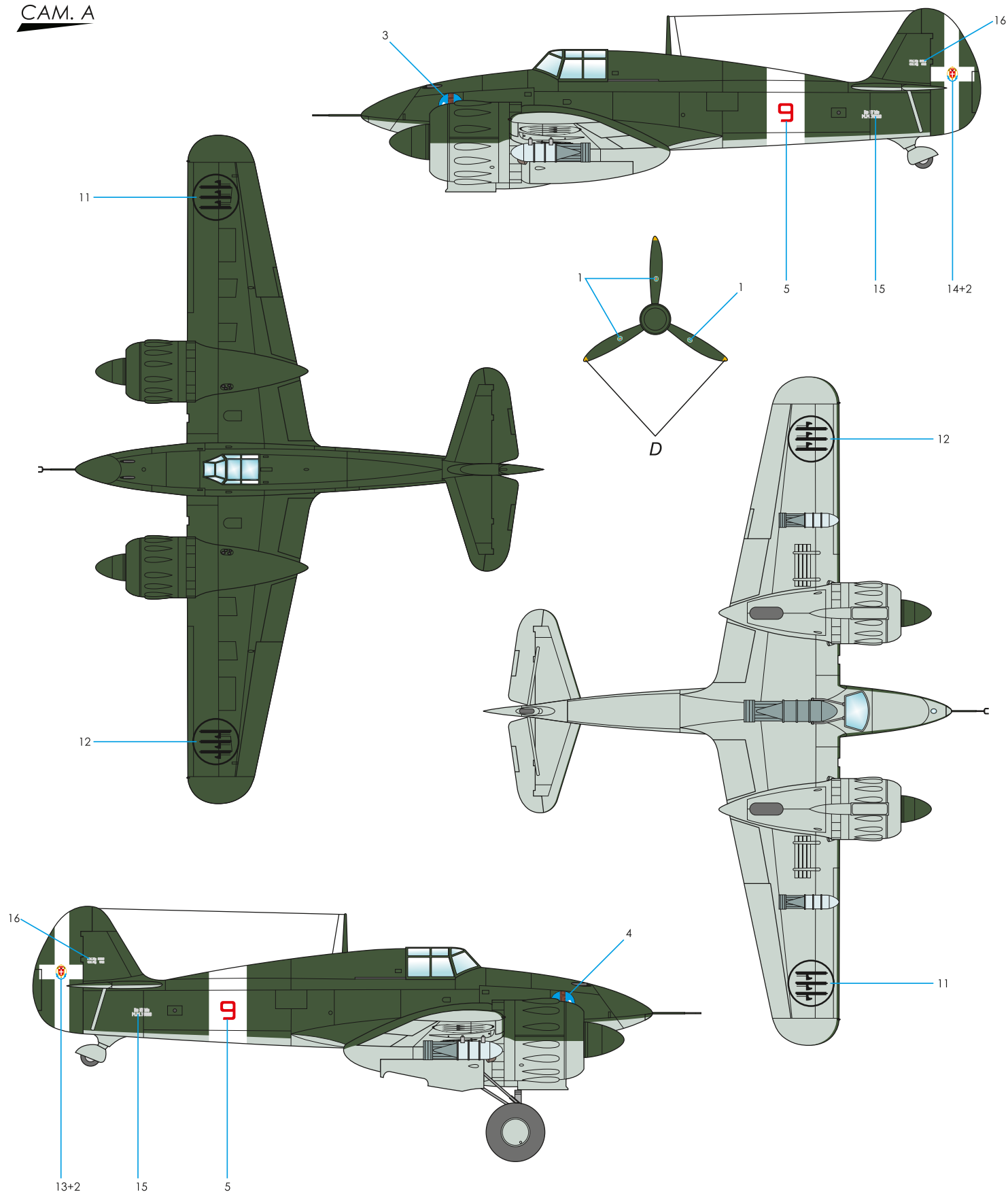
13



14



CAM. A



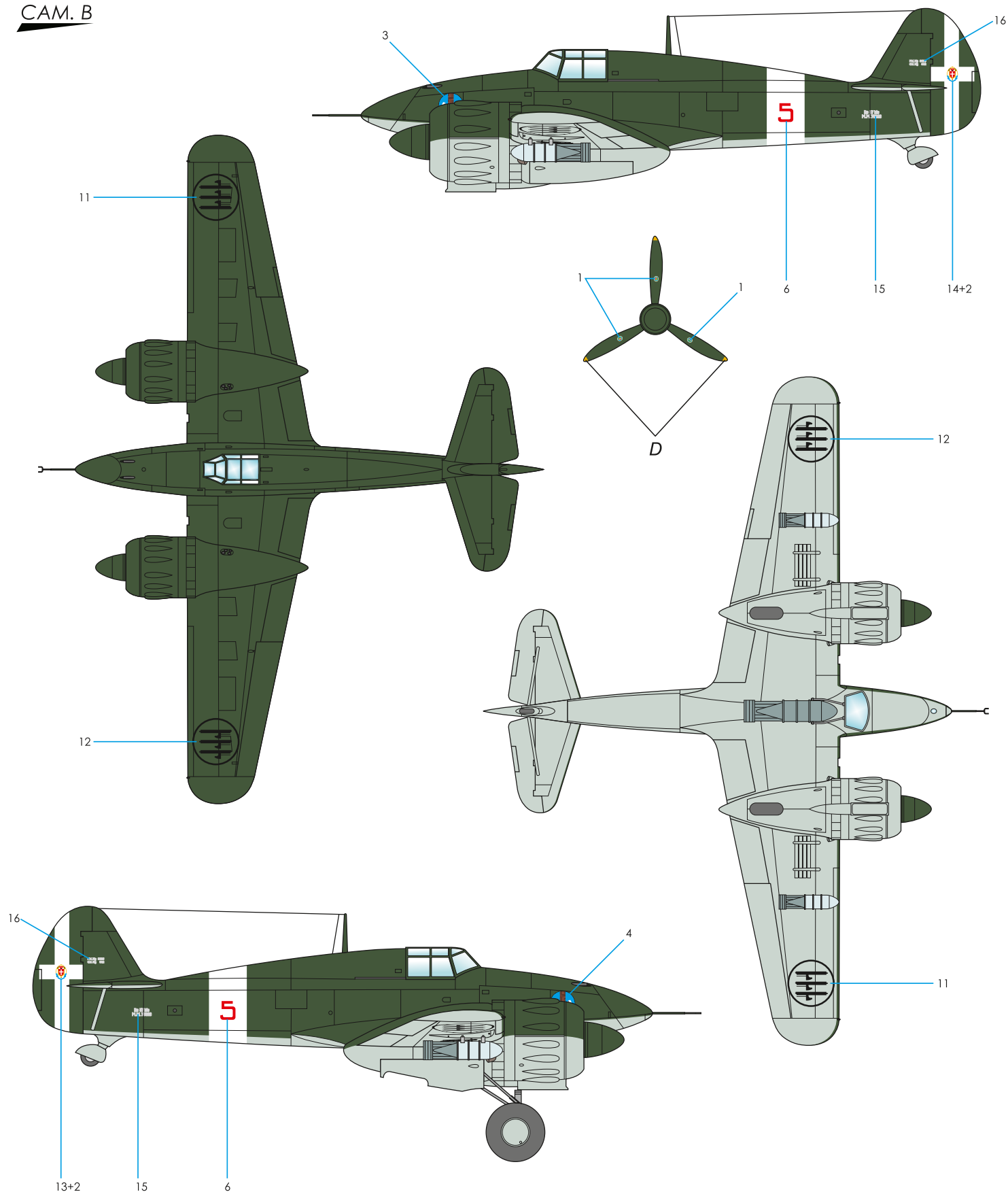
A Tmavá zelená
Verde Oliva Scuro 2
H302/ C302

B Nebeská šedá
Grigio Azzurro chiaro
H67/ C115

C Bílá
White
H11/ C62

D Žlutá
Yellow
H329/ C329
FS13538

CAM. B



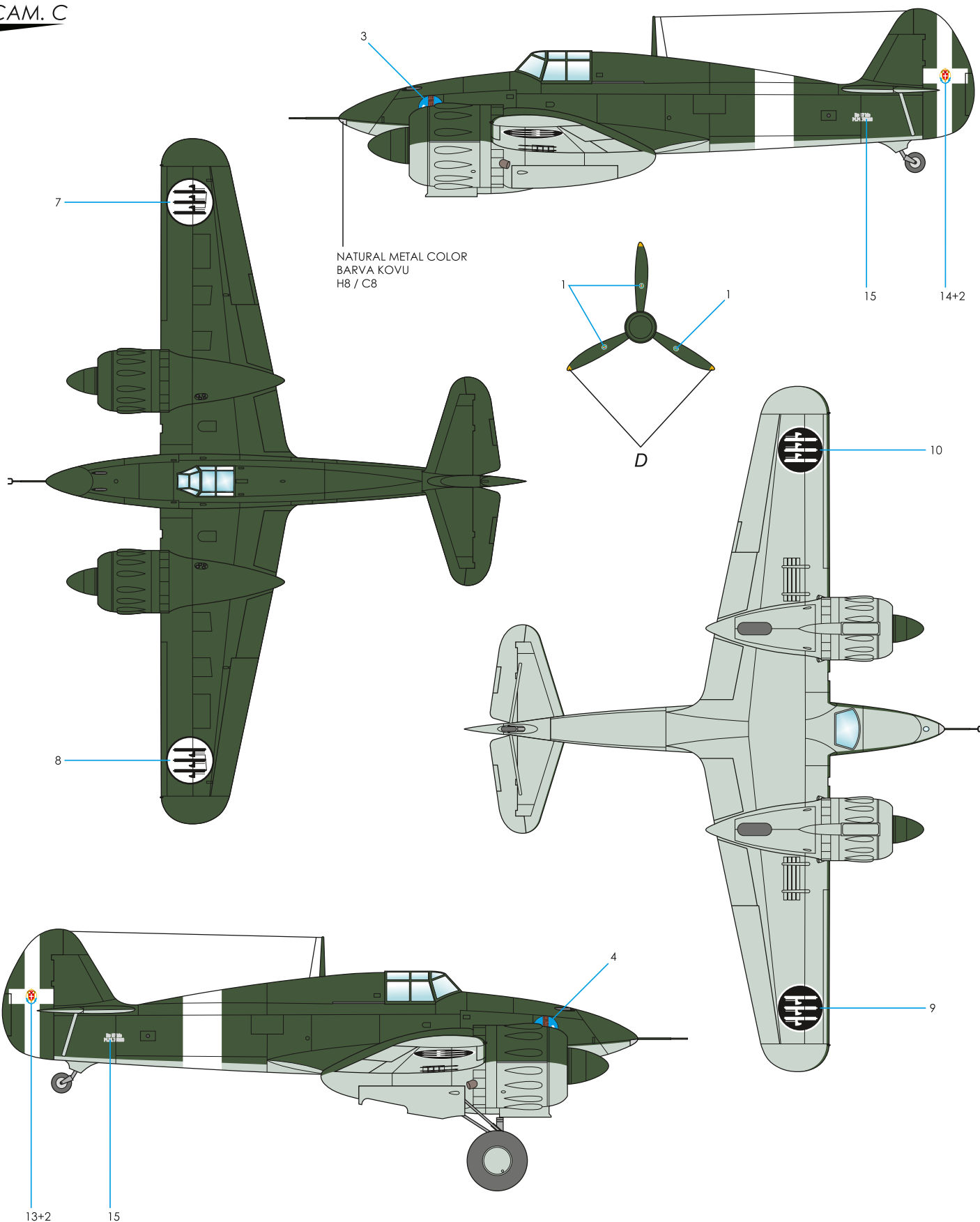
A Tmavá zelená
Verde Oliva Scuro 2
H302/ C302

B Nebeská šedá
Grigio Azzurro chiaro
H67/ C115

C Bílá
White
H11/ C62

D Žlutá
Yellow
H329/ C329
FS13538

CAM. C



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SF-260
Exhausts



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Q48365 1/48
Tailwheel with
Strengthened
Leg



Q48366 1/48
Supercharger
Air Intake



Q48367 1/48
Exhausts



M48002
Reggiane Re.2005
MASK

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