

SG 38 Schulgleiter / ŠK-38 Komár **“Czechoslovakia, Poland and East Germany”**

GB

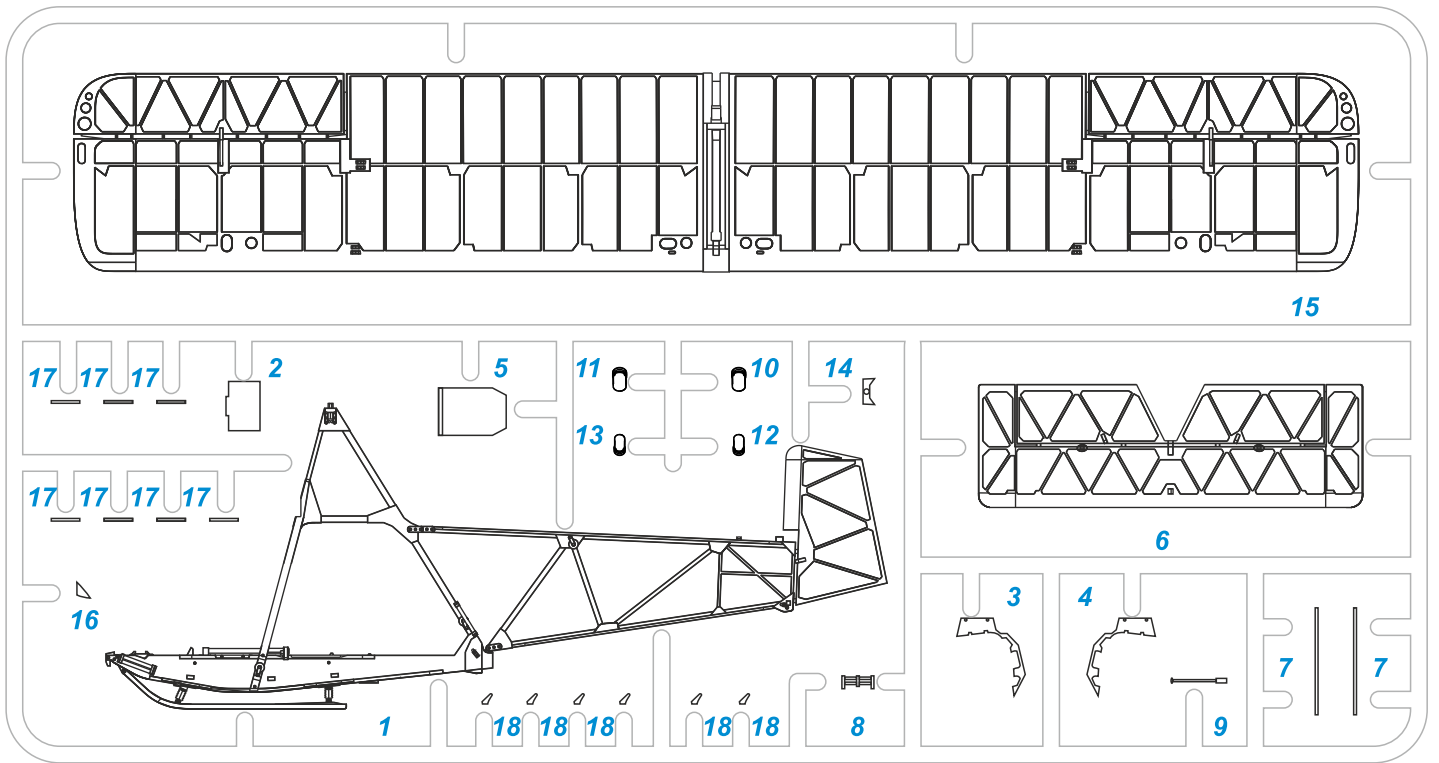
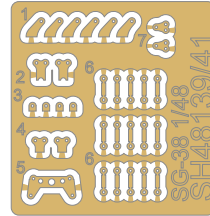
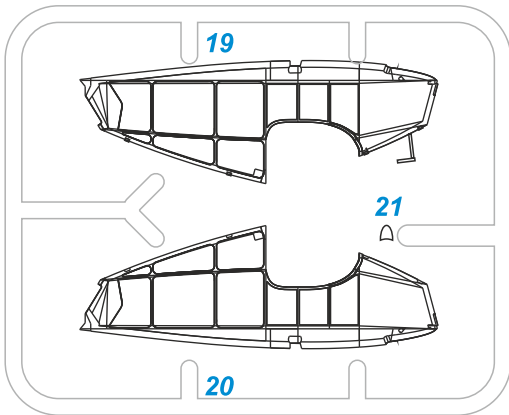
When the SG-38 elementary training glider was designed by Rehberg, Schneider and Hoffmann, its constructors could not have guessed just how famous it would become. This glider very soon became a standard training machine for the NSFK which was mass produced by several factories and it could also be home-built from drawings sent by post. Production was not restricted solely to Germany either and the basic design went on to be built throughout the world, making it the most widely used training glider ever known. The type was built within most European countries under a variety of different designations and amongst them was Slovakia which began production during WW2 and in post war years they continued to be built for aeroclubs in Czechoslovakia as the ŠK-38 Komar (Gnat) where they were used alongside some original ex-German SG-38 aircraft.

Wingspan: 10,40 m, Length: 6,28 m, Empty weight: 100 kg, Max. speed: 115 km/h, Max. glide ratio: 10:1 at 52 km/h

CZ

Když pánové Rehberg, Schneider a Hoffmann navrhli kluzák pro základní výcvik SG-38 Schulgleiter, jistě netušili, jak slavný letoun stvořili. Kluzák se totiž brzy stal standardním kluzákem pro NSFK a byl vyráběn jak amatérsky podle zasílaných plánů, tak sériově v několika továrnách. A to jak v Německu, tak i v jiných státech, např. za války na Slovensku. Dalo by se říci, že minimálně v Evropě ho snad postavili úplně všude. Stal se nejmasověji vyrobeným školním kluzákem světa. Po druhé světové válce byla vyrobena série SG-38 s označením ŠK-38 Komár i pro československé aerokluby. Tyto nově vyrobené kluzáky pak u nás sloužily společně s kořistními. Kořistní kluzáky používali po válce i v Polsku, Francii, a jinde v Evropě.

rozpětí: 10,40 m, délka: 6,28 m, prázdná váha: 100 kg, max. rychlost: 115 km/h, max. klouzavost: 10:1 při 52 km/h



Barvy GUNZE/ GUNZE Colour No.

A Bílá/ White	H1/C1	E Plátno/ Fabric	H27/C44	I RLM 83 Zelená/ RLM 83 Green	H423/C423
B Červená/ Red	H3/C3	F Barva dřeva/ Wood	H66/C119	J Tmavý kov/ Dark Metal	MC214
C Modrá/ Blue	H5/C5	H Černá na pneu./ Tire Black	H77/C137	K Hliník/ Aluminium	MC218
D Černá/ Black	H12/C33				

SYMBOLS

? MOŽNOST VOLBY
OPTIONAL
NACH BELIEBEN
OPTION

💧 POUŽÍT KYANOAKRYLÁTOVÉ LEPIDLO
INSTANT CYANOACRYLATE GLUE
ZYANOAKRYLATKLEBER
ADHÉSIF CYANOACRYLAT

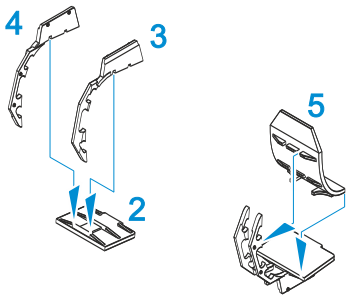
↻ OHNOUT
BEND
BIEGEN
COURBER

✋ ZHOTOVIT NOVĚ
SCRATCH BUILD
FERTIGSTELLEN
ACHEVER

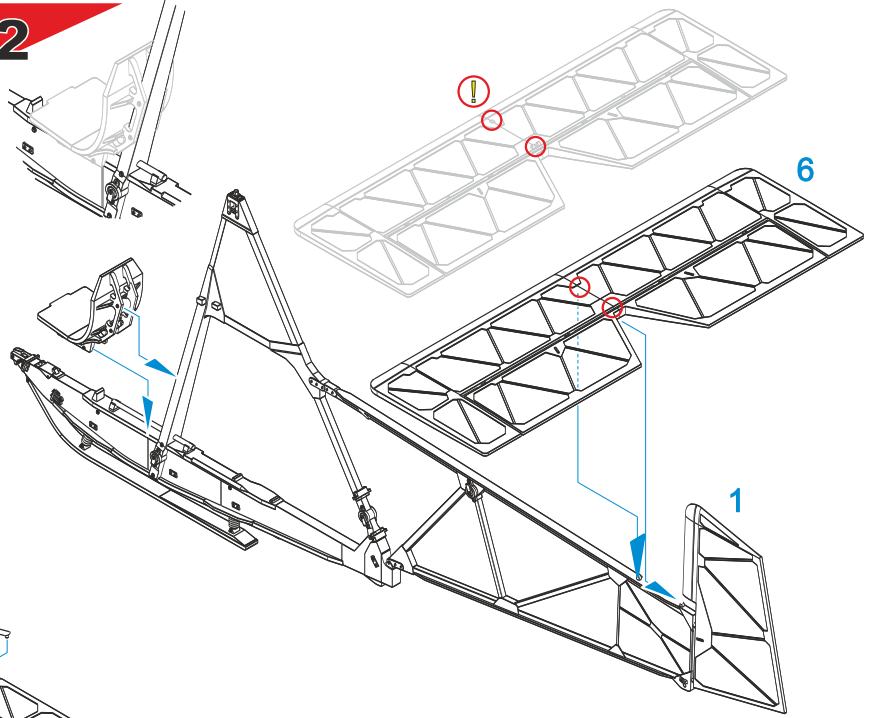
✂ ŘEZAT/VRTAT
CUT OFF/DRILL
ENTFERNEN
DETACHER

A NATRÍT
COLOUR
FARBEN
PEINDRE
GSI colours code

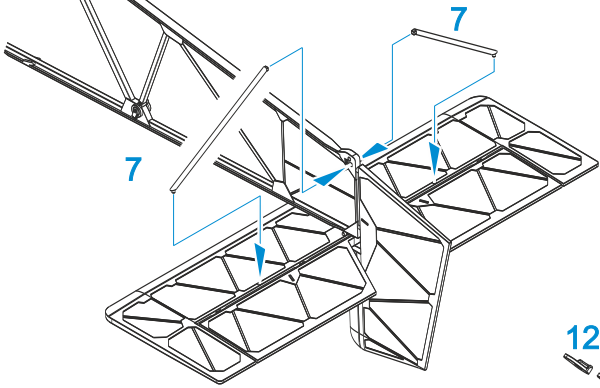
1



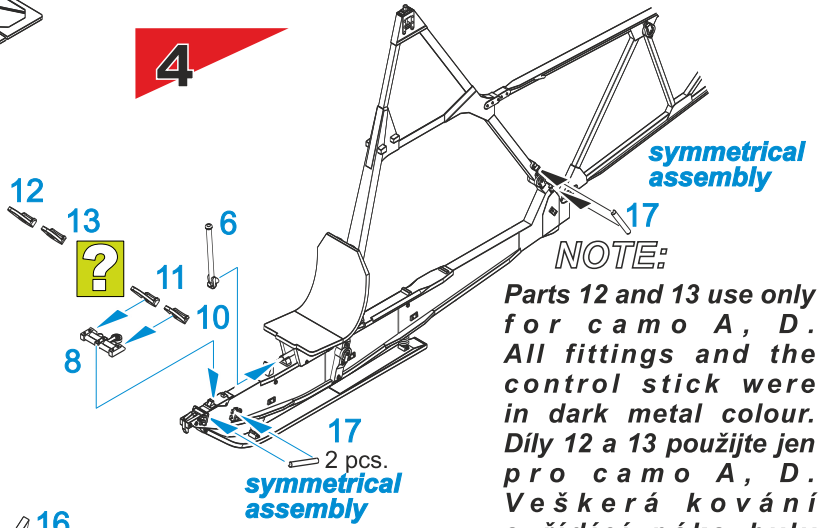
2



3



4

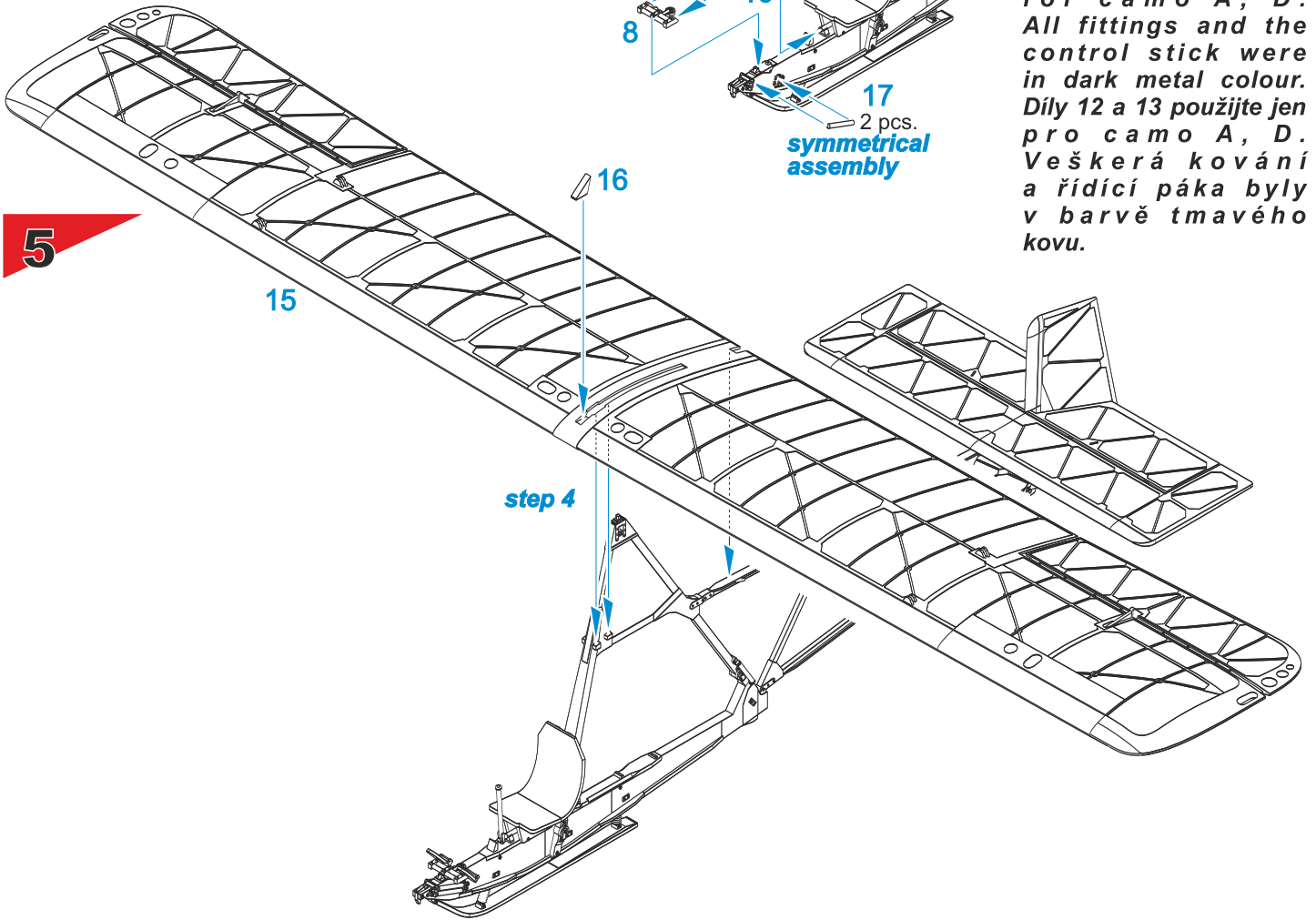


symmetrical assembly

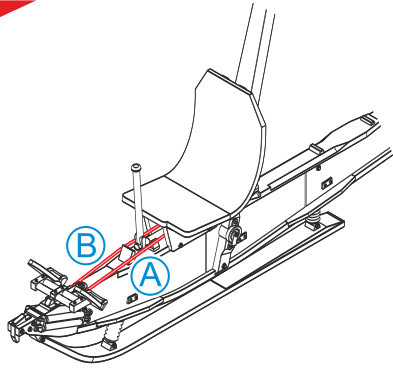
NOTE:

Parts 12 and 13 use only for camo A, D. All fittings and the control stick were in dark metal colour. Díly 12 a 13 použijte jen pro camo A, D. Veškerá kování a řídicí páka byly v barvě tmavého kovu.

5

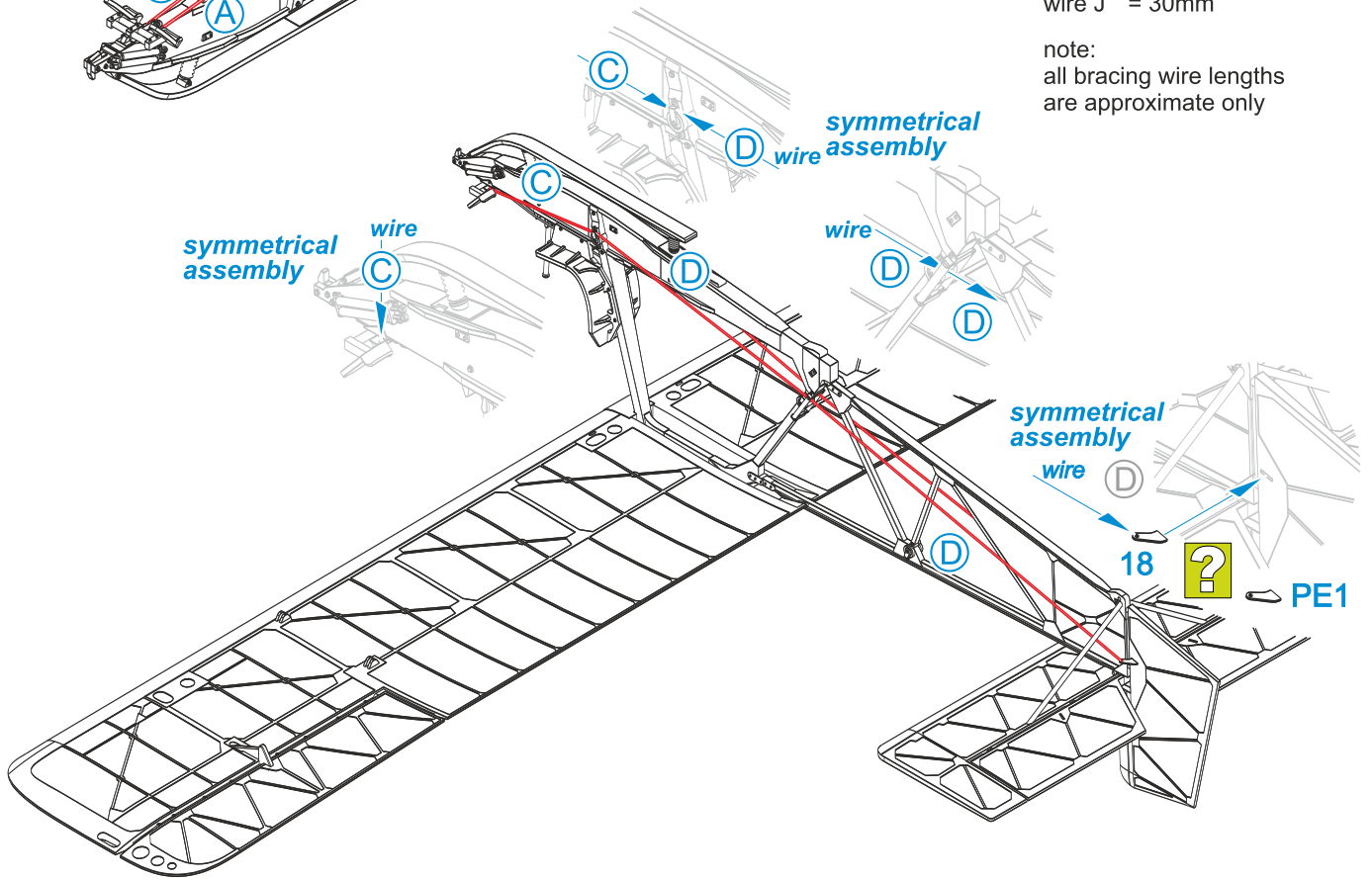
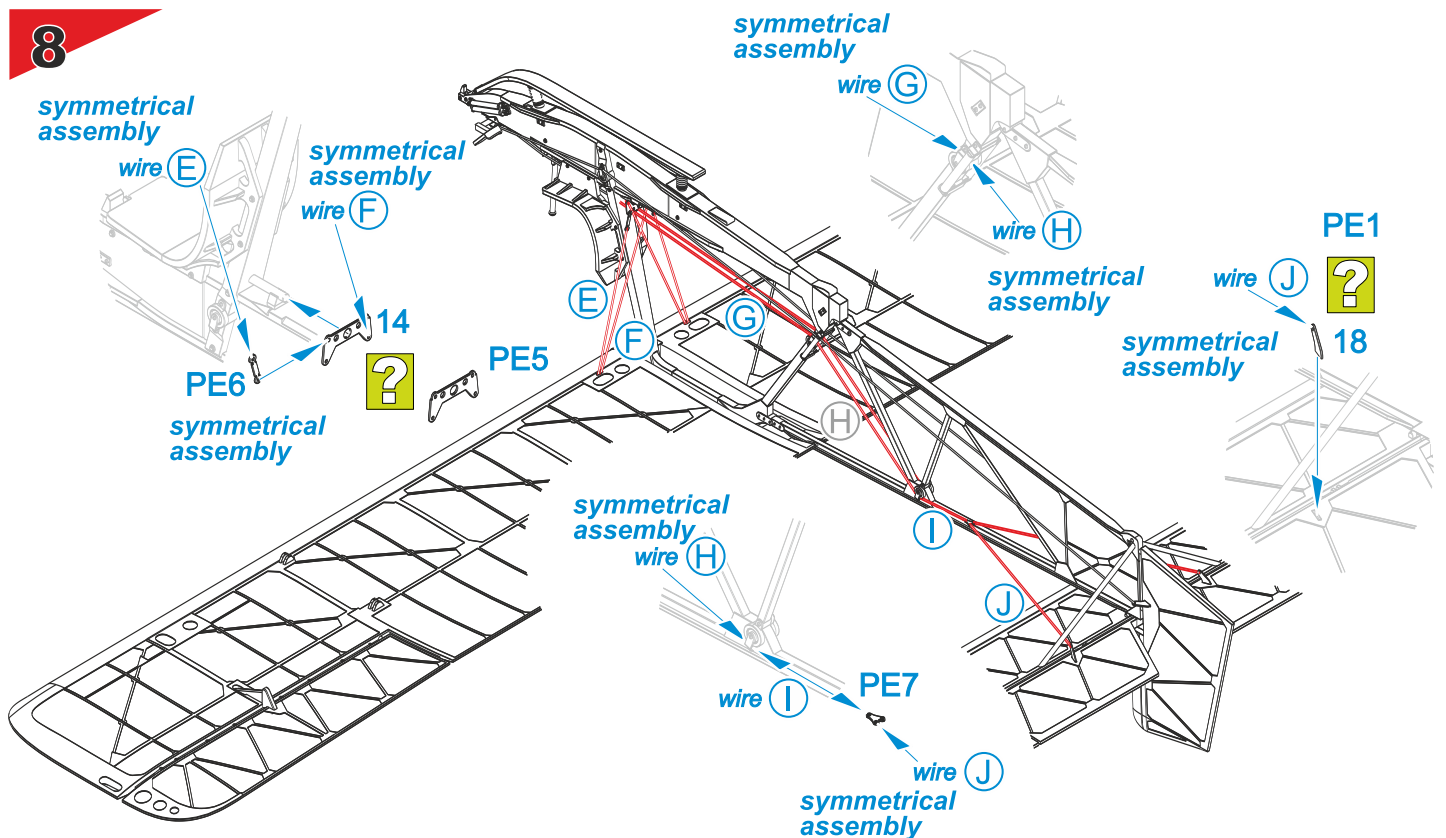


step 4

6**7**

- wire A = 20mm
- wire B = 20mm
- wire C = 19mm
- wire D = 93mm
- wire E = 20mm
- wire F = 24mm
- wire G = 33mm
- wire H = 23mm
- wire I = 8mm
- wire J = 30mm

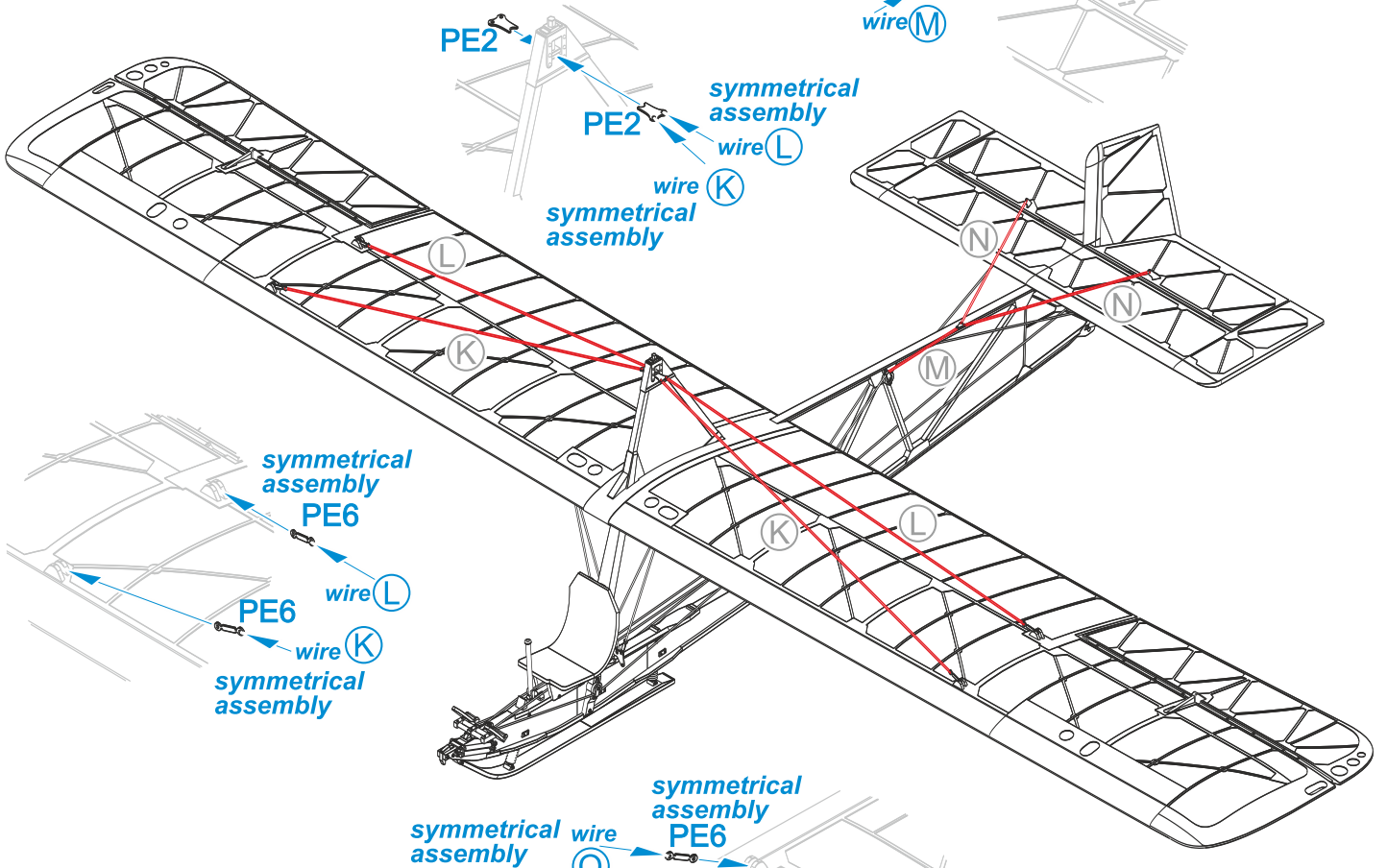
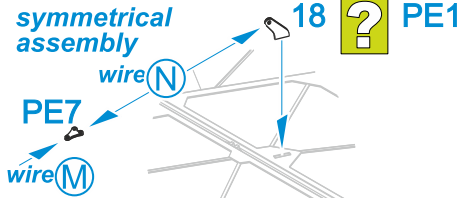
note:
all bracing wire lengths
are approximate only

**8**

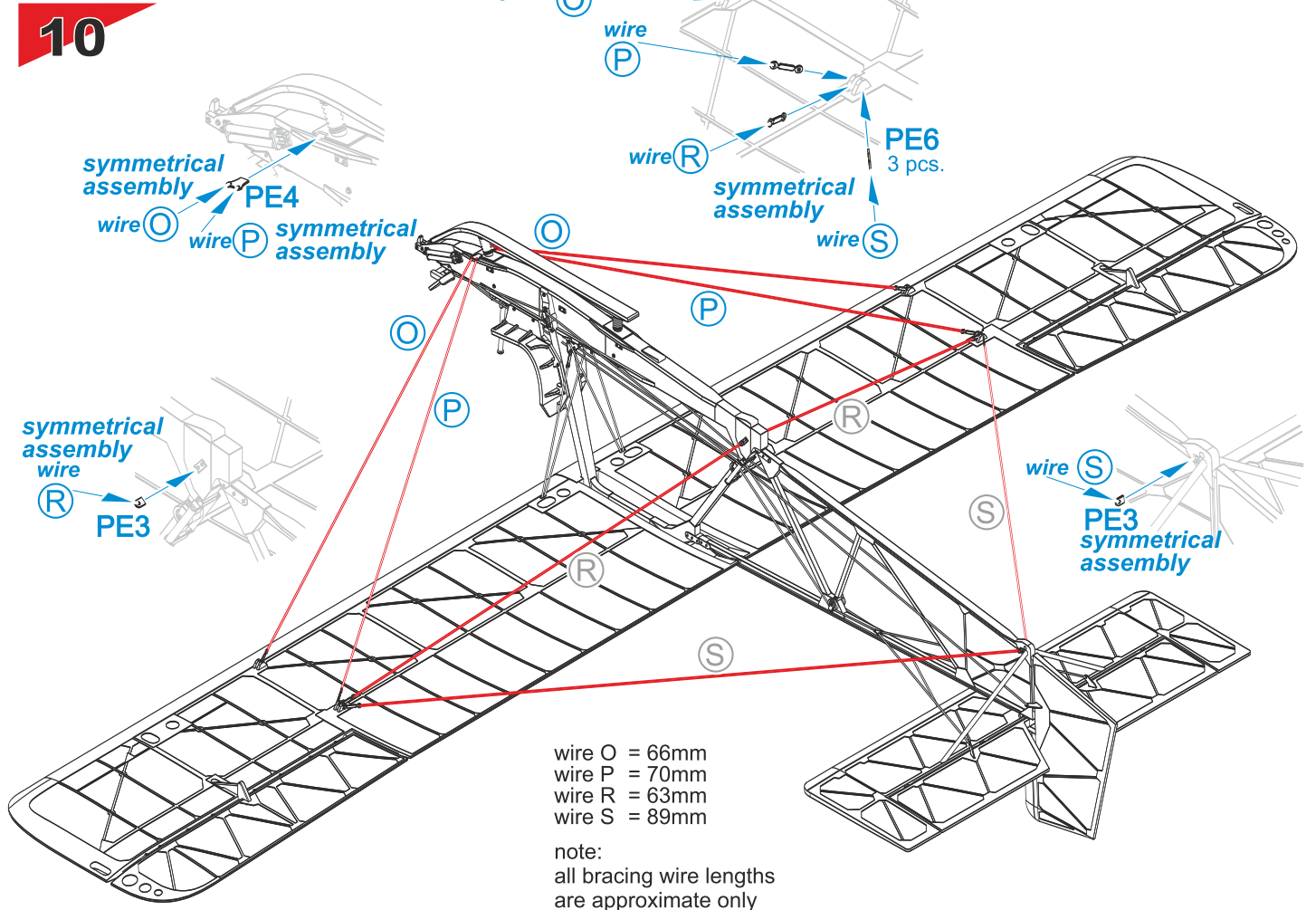
9

wire K = 59mm
wire L = 59mm
wire M = 13mm
wire N = 25mm

note:
all bracing wire lengths
are approximate only

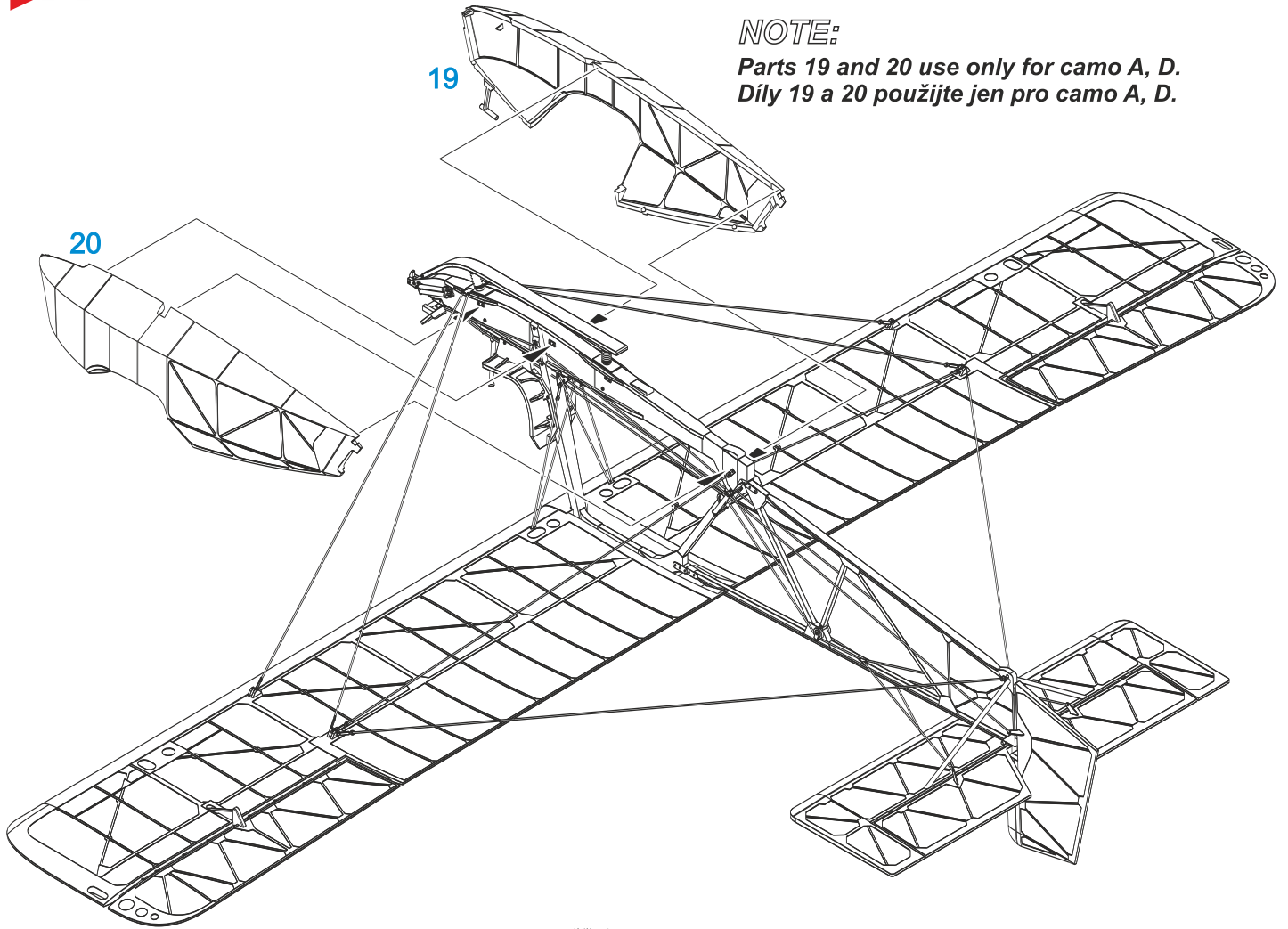


10

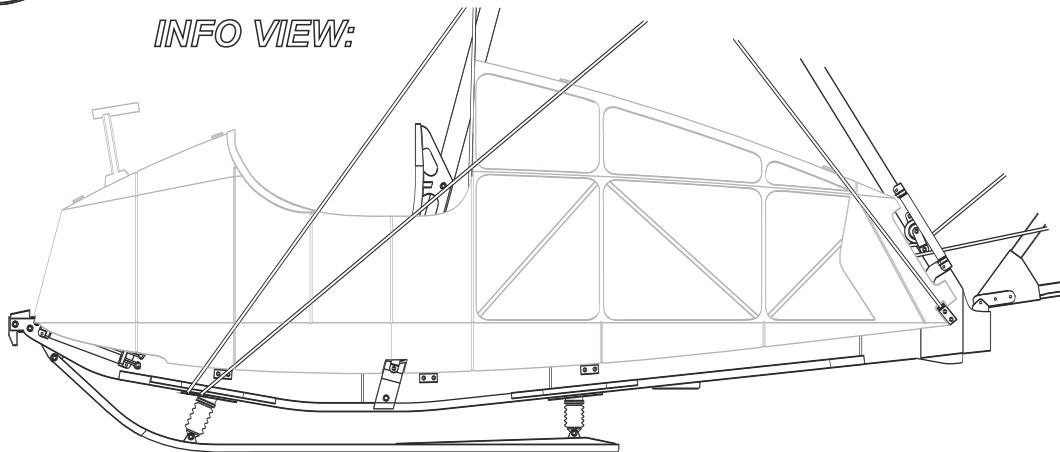


NOTE:

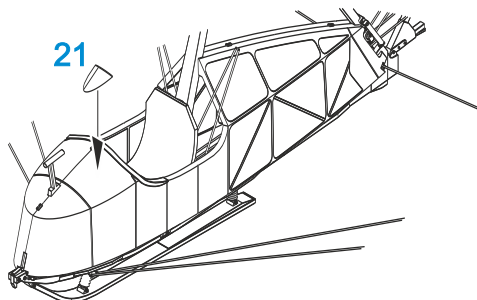
Parts 19 and 20 use only for camo A, D.
Díly 19 a 20 použijte jen pro camo A, D.



INFO VIEW:



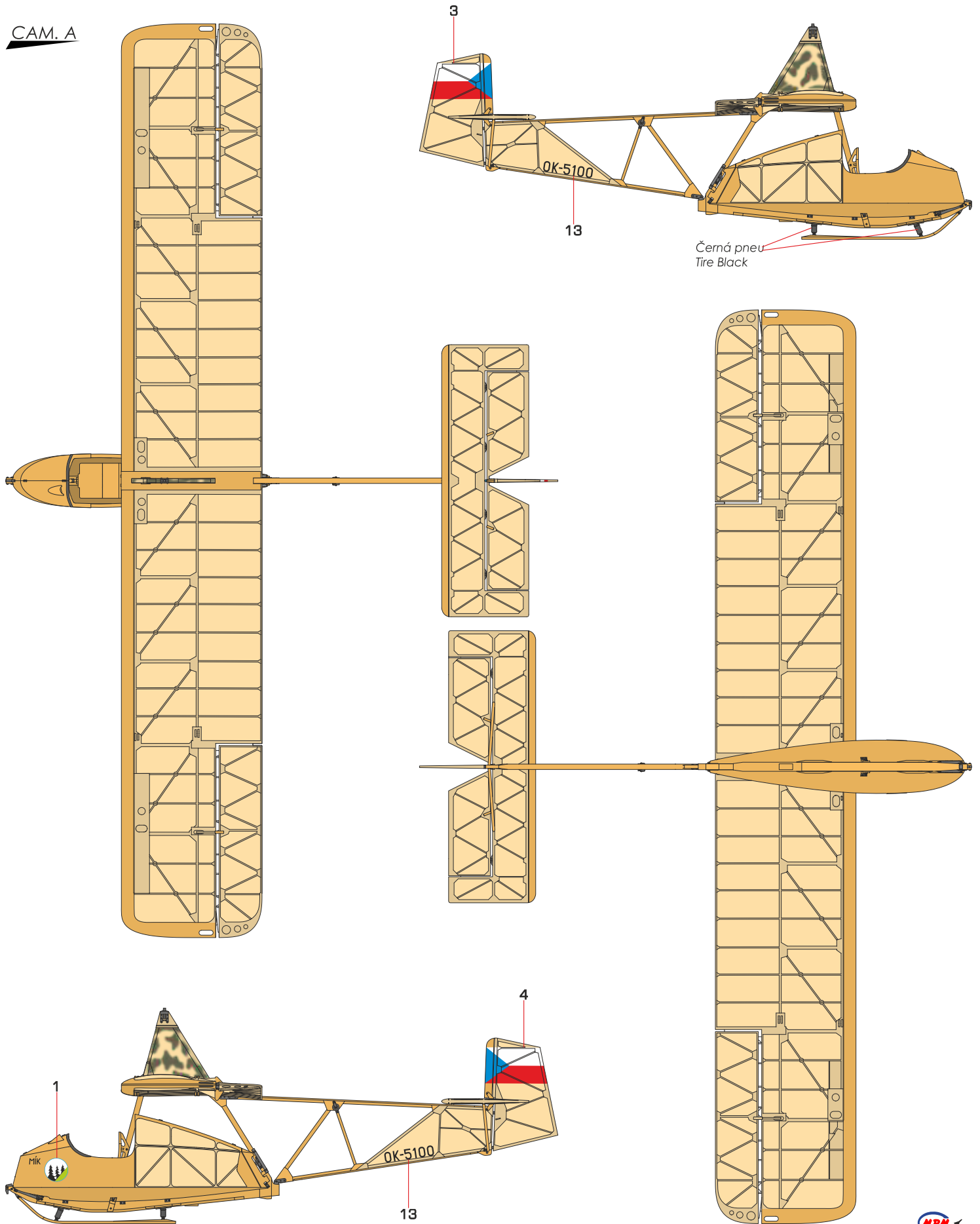
21



ŠK-38 Komár, OK-5100, vybavený trupovou gondolou, pojmenovaný Mík, létal na svahu letiště Brno – Medlánky.

ŠK-38 Komár, OK-5100, named "Mík" and fitted with a fuselage nacelle. This glider was flying from a slope at Brno-Medlanky airfield.

CAM. A



RLM 80 Zelená
RLM 80 Green
H420/C420

Barva dřeva
Wood
H66/C119

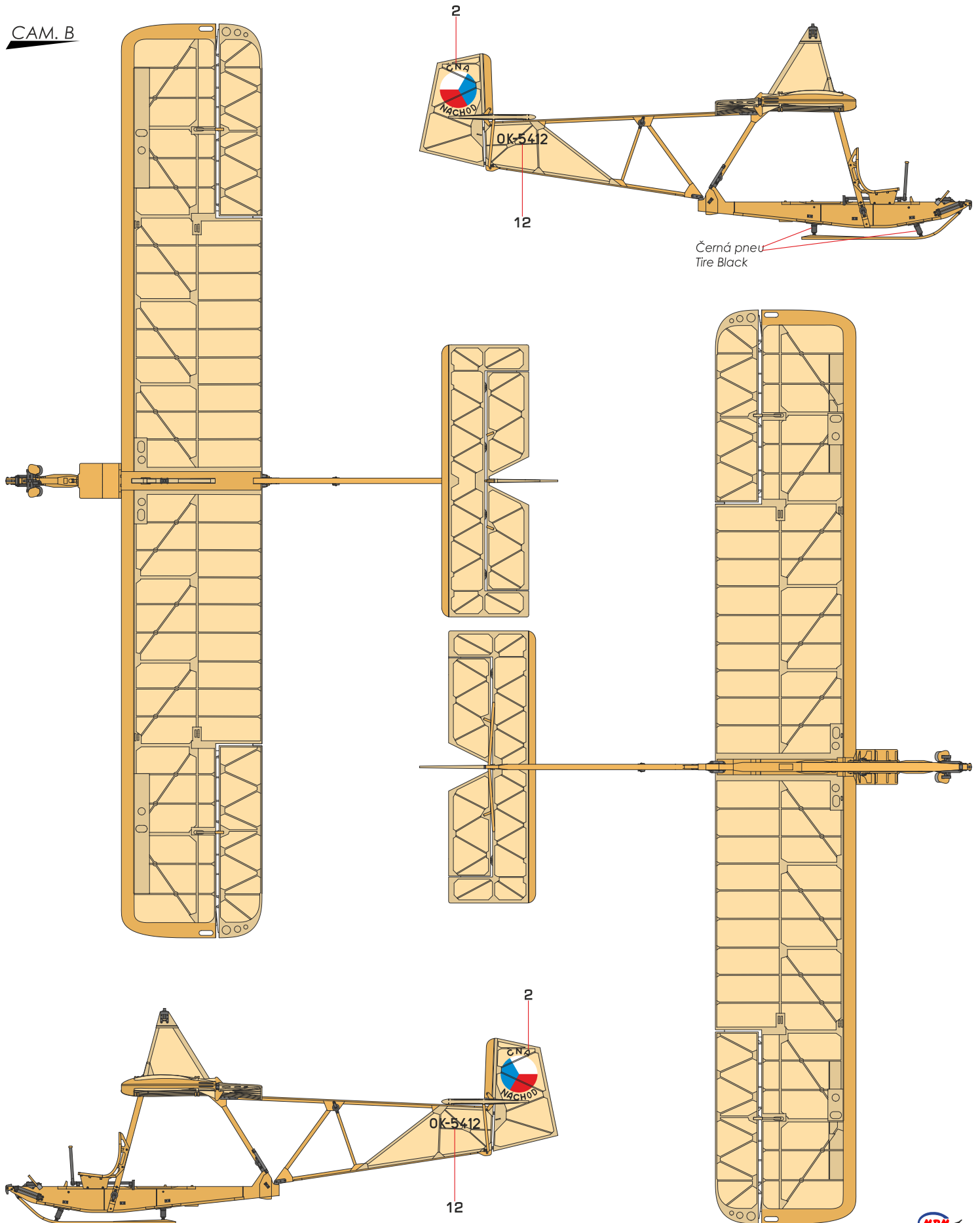
Plátno
Fabric
H27/C44

Plátno přes dřevěnou konstrukci
Fabric over the Wood Construction
H27/C44 85% / H66/C119 15%

ŠK-38 Komár, OK-5412, ČNA Náchod. Původním majitelem tohoto kluzáku byla německá plachtařská škola v Schatzlar-Bober (Žacléř-Bobru).

ŠK-38 Komár, OK-5412, ČNA (Czech National Aero Club) Náchod. German Gliding School at Schatzlar-Bober (Žacléř-Bobr) was the original owner of this glider.

CAM. B

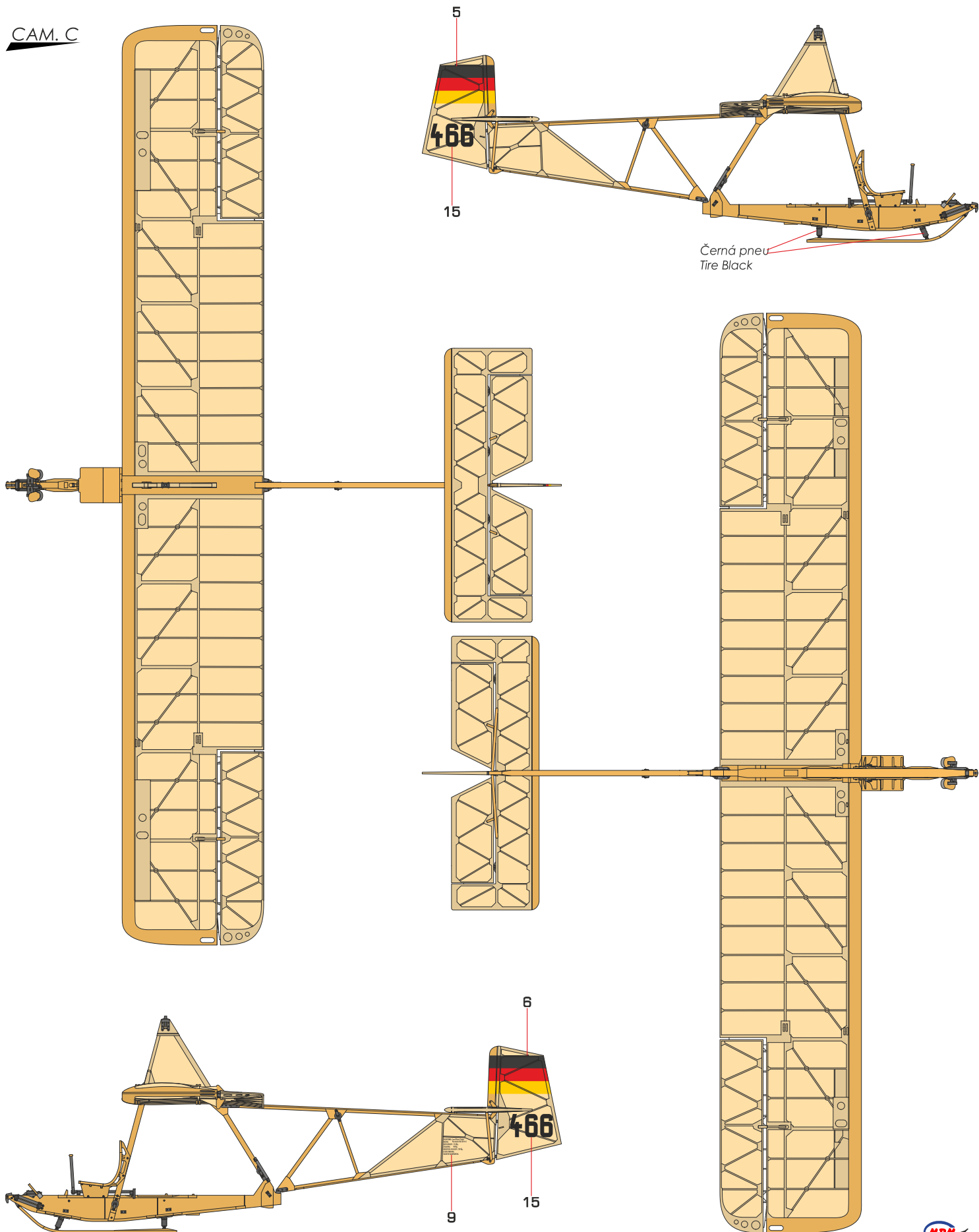


Barva dřeva
Wood
H66/C119

Plátno
Fabric
H27/C44

Plátno přes dřevěnou konstrukci
Fabric over the Wood Construction
H27/C44 85% / H66/C119 15%

CAM. C



Barva dřeva
Wood
H66/C119

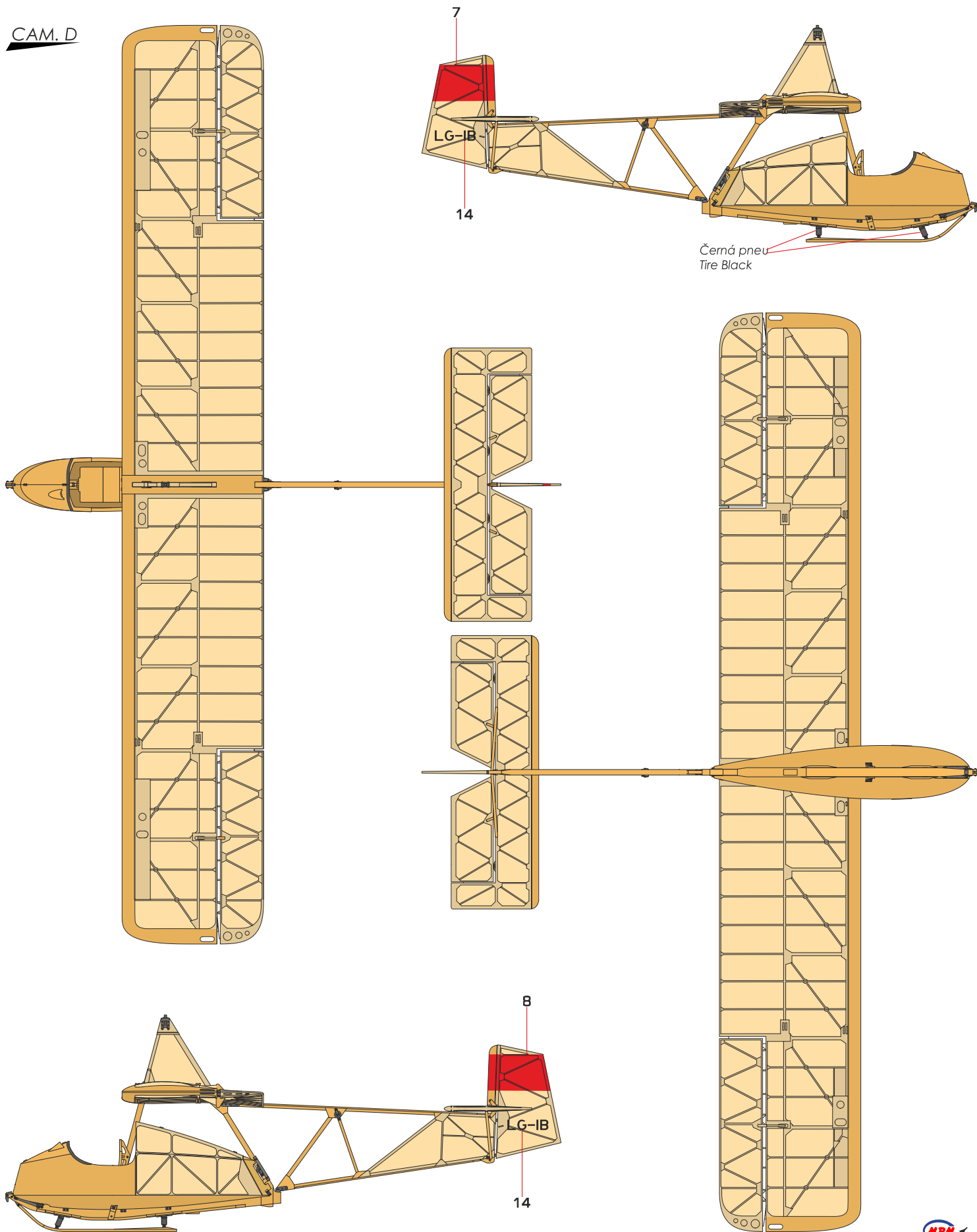
Plátno
Fabric
H27/C44

Plátno přes dřevěnou konstrukci
Fabric over the Wood Construction
H27/C44 85% / H66/C119 15%

SG 38 Schulgleiter, ex německý stroj LG-IB s gondolou, Szkoła Szybowcowa w Rzadkowie (Kluzáková škola v Rzadkowie)Rzadkowo, Polsko, 1945. Při jednom z letů v srpnu 1945 jej poškodil pilot Ryszard Tyke.

SG 38 Schulgleiter, ex-German machine with a fuselage nacelle and LG-IB marking, Szkoła Szybowcowa w Rzadkowie (Gliding School at Rzadkowo), Rzadkowo, Poland, 1945. It was damaged in August 1945 while being flown by pilot Ryszard Tyke.

CAM.D

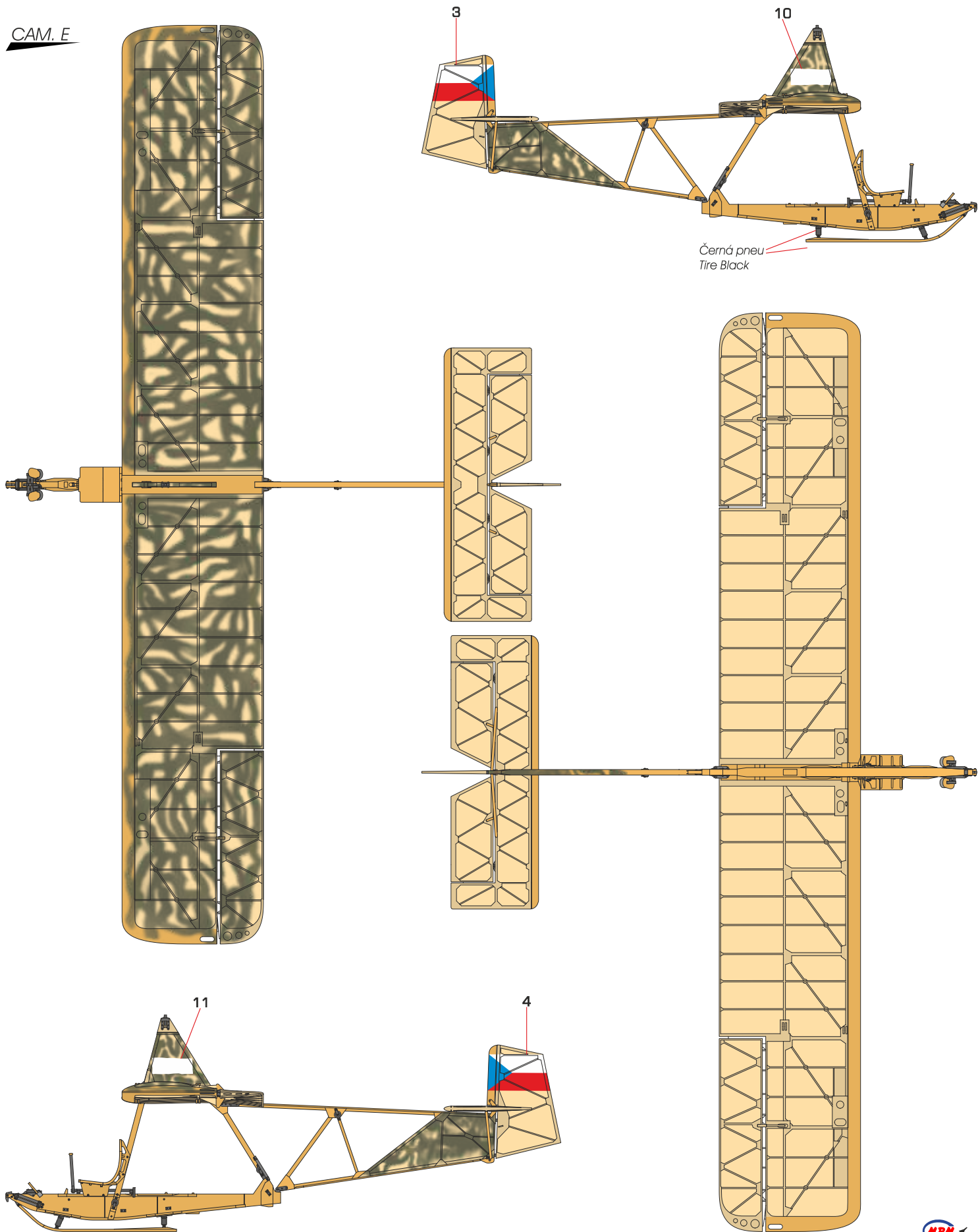


Barva dřeva
Wood
H66/C119

Plátno
Fabric
H27/C44

Plátno přes dřevěnou konstrukci
Fabric over the Wood Construction
H27/C44 85% / H66/C119 15%

CAM. E



Černá pneu
Tire Black

RLM 80 Zelená
RLM 80 Green
H420/C420

Barva dřeva
Wood Colour
H66/C119

Plátno
Fabric
H27/C44

Plátno přes dřevěnou konstrukci
Fabric Over The Wood Construction
H27/C44 85% | H66/C119 15%



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