

PZL P.11c Polish Fighter - „Rare Birds”



Cat. No. 32004
Scale 1/32



3d design: Przemysław Głogowski
Research: IBG Crew

PZL P.11c to samolot myśliwski będący udoskonaloną odmianą wersji P.11a, która była rozwinięciem samolotu P.6 konstrukcji inż. Z. Puławskiego pod kierownictwem inż. Wsiewołoda Jakimiuka.

Po udanych wersjach P.11a oraz P.11b, na przełomie 1933 i 1934 r. wytwórnia PZL opracowała ulepszoną wersję myśliwca, z przekonstruowanym kadłubem i usterzeniem, nowszą wersją silnika Bristol Mercury V, oraz dostosowaną do zabudowy broni w skrzydle. Przy pracach wzięto pod uwagę doświadczenia z użytkowania wersji poprzednich, co skutkowało obniżeniem zabudowy silnika i poprawą widoczności z kabiny pilota. Jednocześnie wprowadzono zmiany w konstrukcji kadłuba, przedłużając część kratownicową do końca części kabinowej tak, że konstrukcja półskorupowa zaczynała się za fotelem pilota. Samolot został zamówiony przez polskie lotnictwo wojskowe w liczbie 175 sztuk, a ich budowę rozpoczęto w połowie 1934 roku. Większość zamówienia zrealizowano w roku 1935 a ostatnie egzemplarze dostarczono w 1936 r.

Samoloty PZL P.11c weszły na wyposażenie eskadr myśliwskich lotnictwa polskiego w 1935 roku, stanowiąc najwartościowszy sprzęt podczas Wojny Obronnej w 1939 roku. Maszyny służyły w 1PL w Warszawie, 2PL w Krakowie, 3PL w Poznaniu, 4PL w Toruniu, 5PL w Lidzie oraz 6PL we Lwowie i wzięły udział w działaniach wojennych od 1 września do ewakuacji lotnictwa, wymuszonej radzieckim atakiem 17 września. Po ewakuacji zasiliły szeregi lotnictwa rumuńskiego, gdzie były użytkowane równoległe z lokalnie budowaną wersją P.11f.

Do dnia dzisiejszego ocalał jedyny zachowany egzemplarz maszyny, który znajduje się w zbiorach Muzeum Lotnictwa Polskiego w Krakowie.

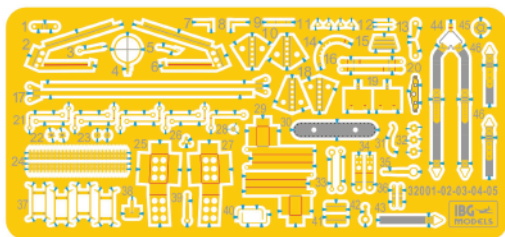
PZL P.11c was a fighter plane, an improved variant of P.11a version, which was a development of P.6 construction of inż. Z. Puławski under inż. Wsiewołod Jakimiuk's supervision.

After succesful P.11a and P.11b versions, in 1933 and 1934 PZL manufacturer has developed an improved version of the fighter, with a redesigned hull and tail, newer Bristol Mercury V engine version, and a possibility of placing the armament inside a wing. Engine cowling was lowered to improve pilots field of view. Changes in fuselage construction included extension of truss to the end of the cockpit in the way that the semimonocoque construction started behind the pilot's seat. 175 of these aircraft were ordered by Polish Air Force and the construction started in 1934. Most of the order was delivered in 1935, last planes finished in 1936.

PZL P.11c airplanes entered service in fighter squadrons of Polish Air Force in 1935 and were their most valuable equipment during the Polish Campaign of 1939. These aircraft served in 1st Air Regiment(AR) in Warsaw, 2nd AR in Cracow, 3rd AR in Poznan, 4th AR in Torun, 5th AR in Lida and 6th AR in Lwów and took part in the Polish Campaign from its outbreak on 1st September 1939 until evacuation forced by the Soviet attack of 17th September. Evacuated airplanes were incorporated into Romanian Air Force, where they served along the locally constructed P.11f version.

Only one PZL P.11c survives today. It can be found on exhibition of Polish Aviation Museum in Cracow.

Elementy Fototrawione / Photo-etched Parts



1

Element złożony we wcześniejszym etapie
Element assembled in previous step

1

Element po złożeniu w aktualnym etapie
Element after assembly in current step

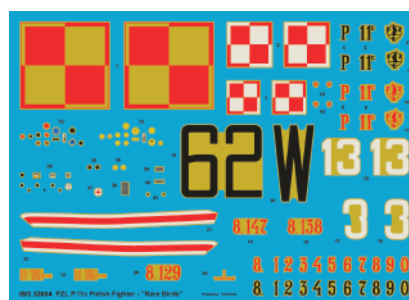


Kolor farby
Paint colour



Kalkomania
Decal

Kalkomanie / Decals



Wersja do wyboru
Version to choose

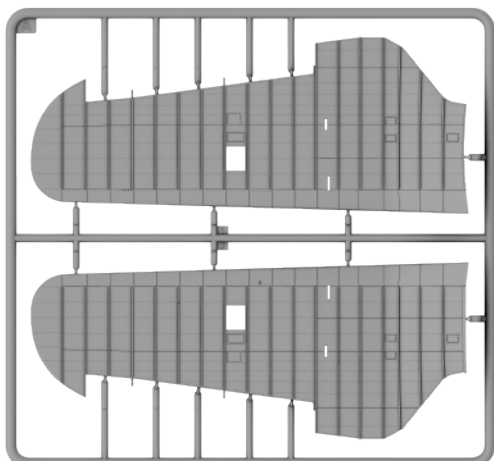
Przed montażem przeczytać instrukcję. Przestrzegać kolejności montażu podanego w instrukcji. Klej i farby nie wchodzi w skład zestawu.
Please read instructions before assembly. Follow the sequence of assembly presented in instructions. Glue and paint not included.

IBG Models
ul. Benedykta Herta 2
04-603 Warszawa
Poland

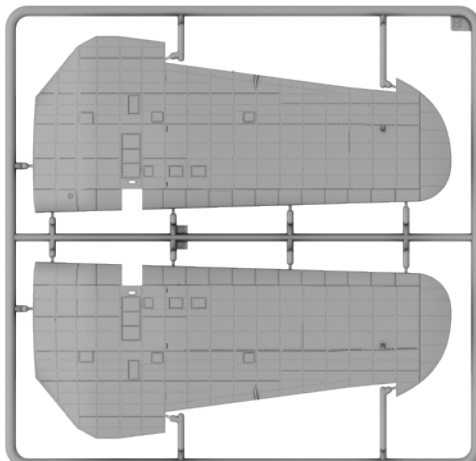
tel +48 22 8159150
fax +48 22 8159151
ibgsc@ibg.com.pl
www.ibg.com.pl
www.ibgmodels.com

Elementy modelu
Elements of the model kit

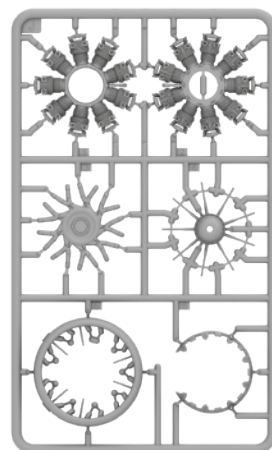
Ramka A / Frame A



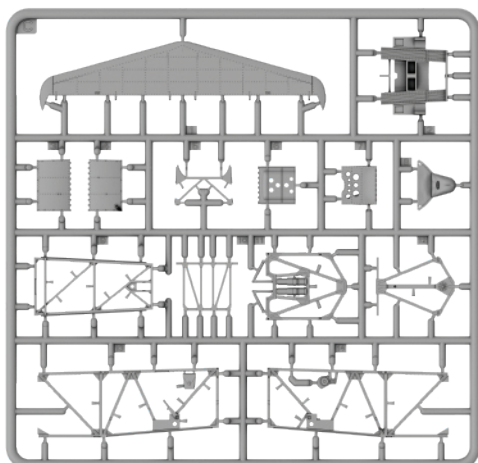
Ramka B / Frame B



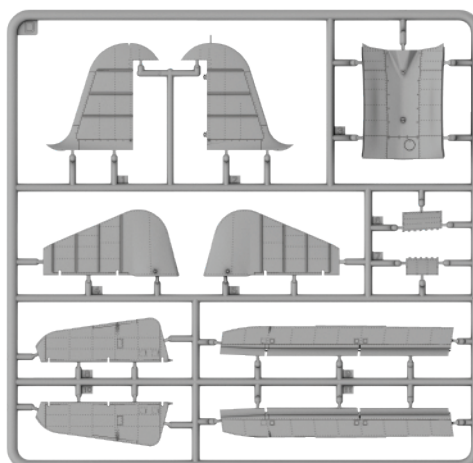
Ramka J / Frame J



Ramka C / Frame C



Ramka D / Frame D



Ramka E / Frame E



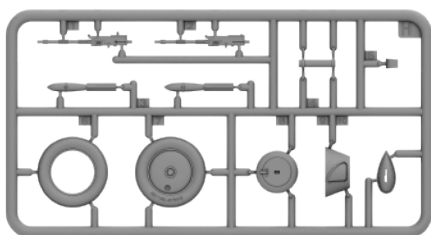
Ramka F / Frame F



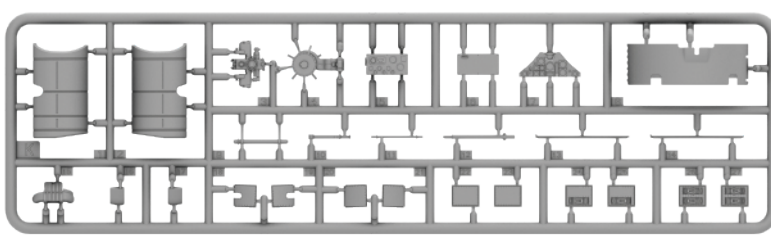
Ramka G przezroczysta / Frame G transparent



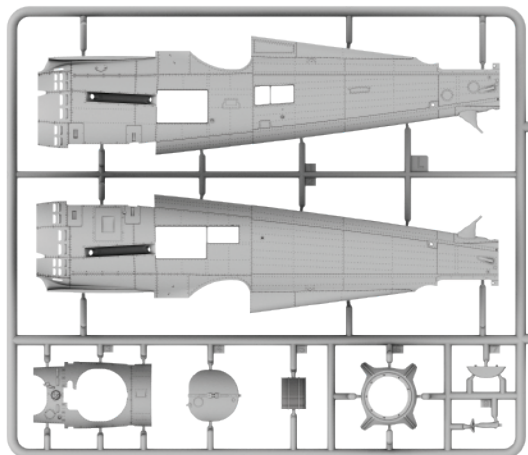
Ramka H x2 / Frame H x2



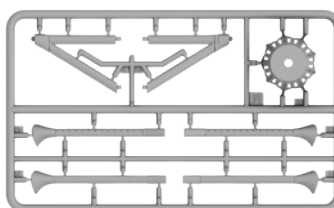
Ramka K / Frame K



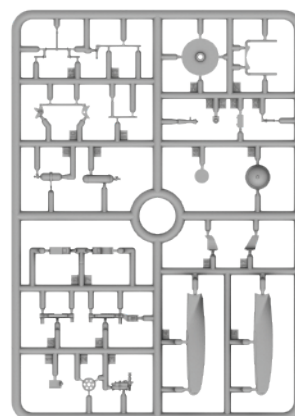
Ramka L / Frame L



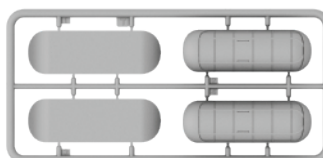
Ramka M / Frame M



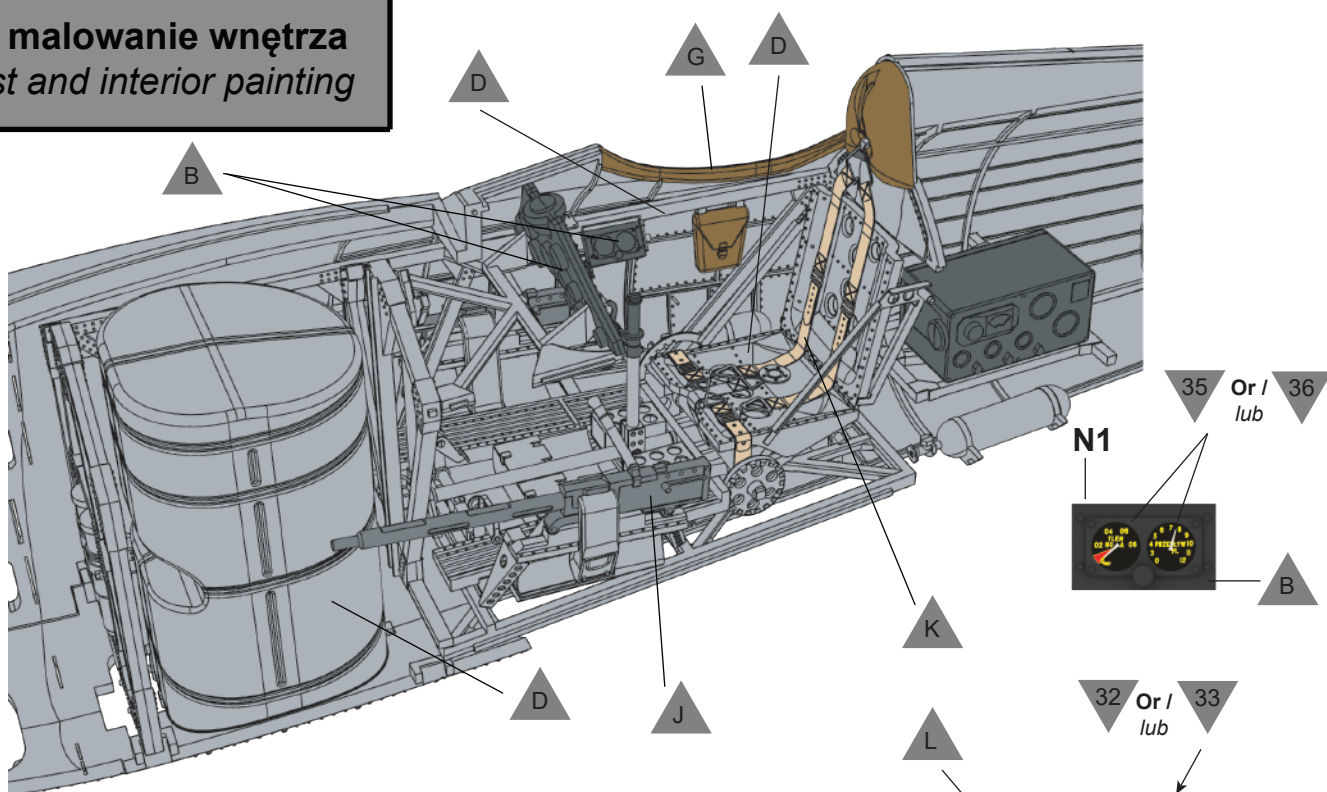
Ramka N / Frame N



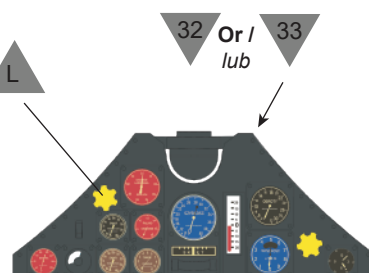
Ramka T / Frame T



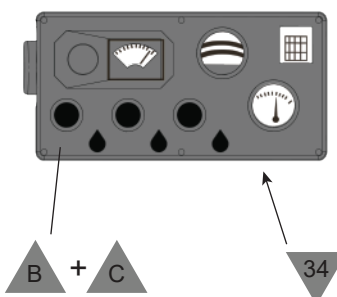
Farby i malowanie wnętrza Paint list and interior painting



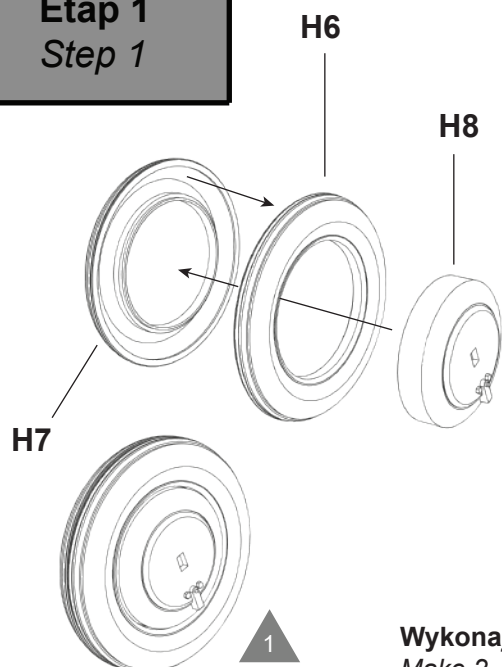
		VALLEJO	HATAKA	LIFE COLOR	MR HOBBY	AK INTERACTIVE	MISSION MODELS
Polish Khaki	A	71.024	HTK-_011	TM008	H81	AK4042	MMP-123
Black	B	71.057	HTK-_100	LC02	H12	RC001	MMP-047
White	C	71.001	HTK-_101	LC01	H21	AK738	MMP-001
Silver	D	71.067	HTK-_003	LC24	H8	AK479	MMP-006
Rust	E	71.130	HTK-_132	LC32	H47	AK708	MMW-001
Light Blue-Grey	F	71.046	HTK-_036	TM009	H67	RC239	MMP-096
Brown Leather	G	72.740	HTK-_186	UA764	H460	AK3031	MMP-002
Black Leather	H	71.057	HTK-_100	UA763	H12	AK3034	MMP-040
Gunmetal	J	71.072	HTK-_106	LC26	H018	AK798	MMM-010
Light Brown	K	71.027	HTK-_074	UA767	H455	AK787	MMP-131
Yellow	L	71.002	HTK-_107	LC03	H34	RC007	MMP-041
Blue	M	71.317	HTK-_313	UA512	H45	RC017	MMP-136
Polish Olive Green	N	70.857	HTK-_088	TM001	H420	AK031	MMP-030
Polish Dark Brown	P	70.846	HTK-_087	TM002	H406	AK718	MMP-115



Każdy element kalkomanii
32-36 umieszczać oddzielnie
Place each element of decals
32-36 separately

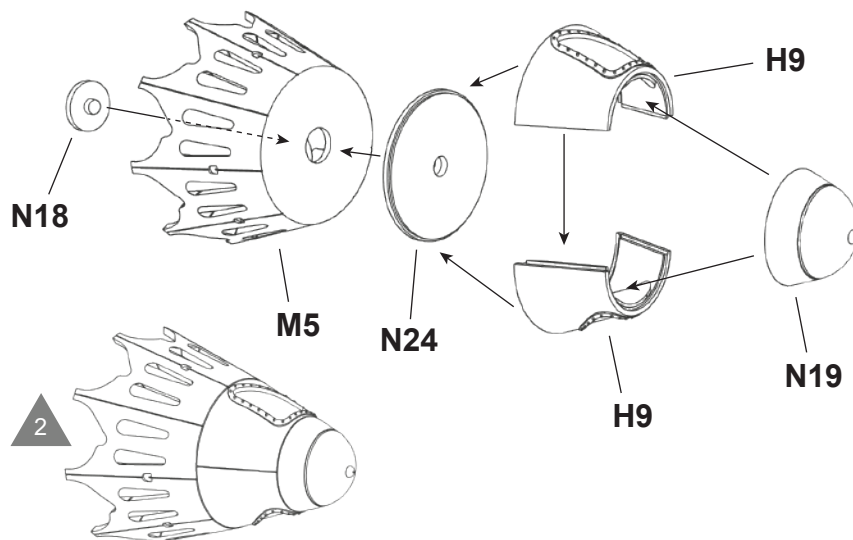


Etap 1 Step 1



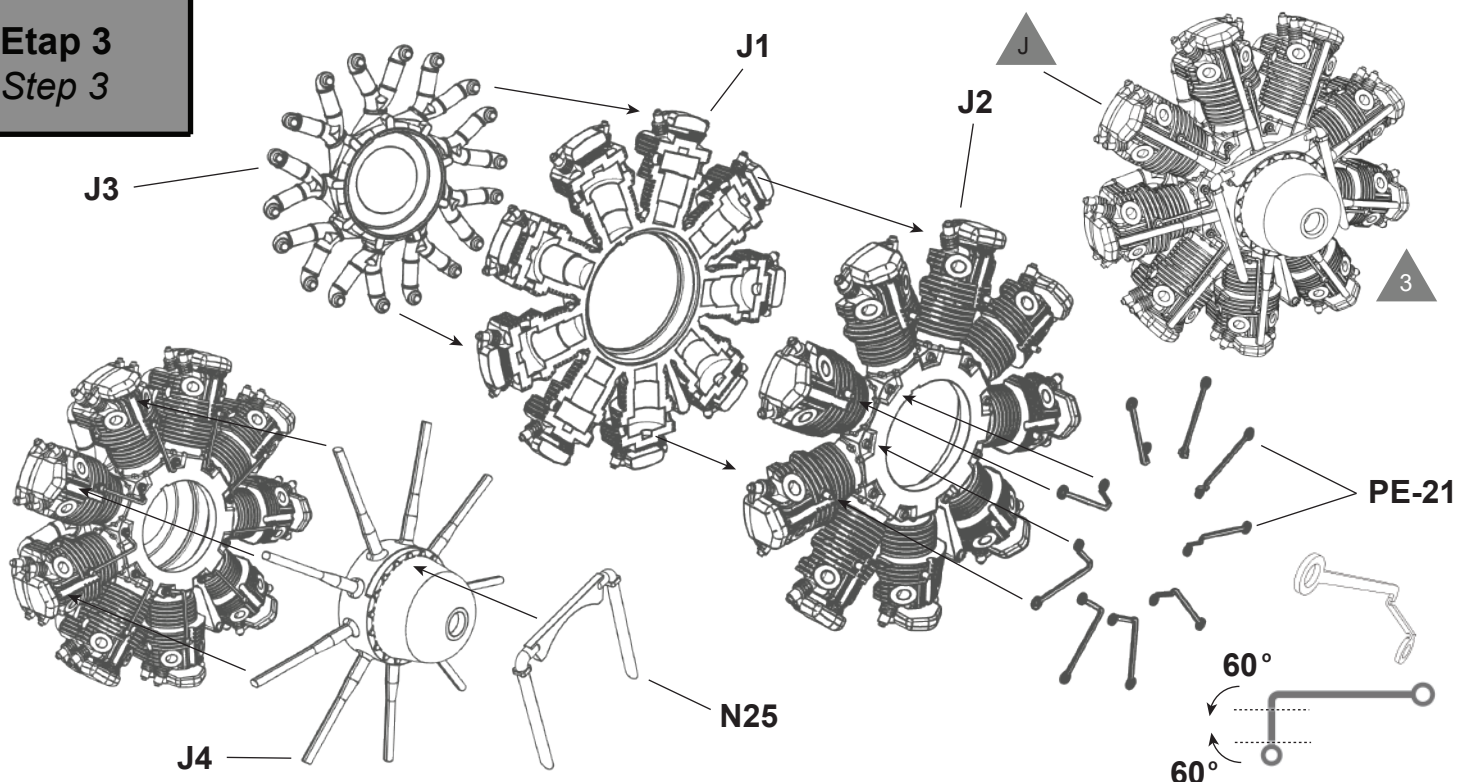
Wykonaj 2
Make 2

Etap 2 Step 2

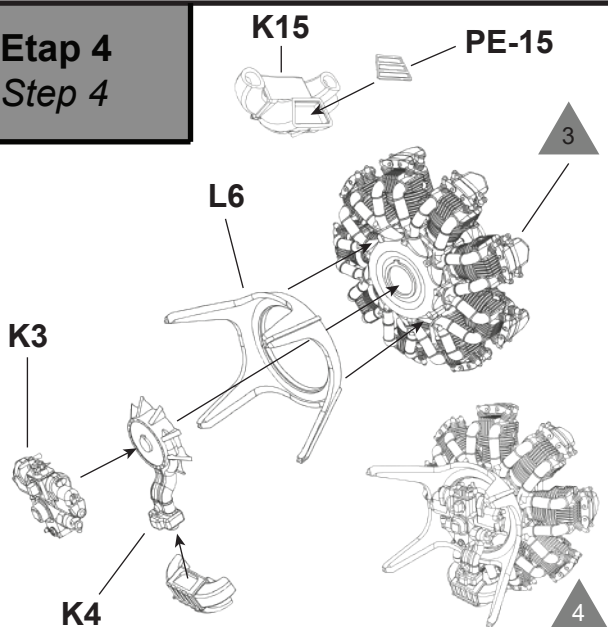


Aby śmigło się obracało sklej ze sobą elementy
N18 i N24, ale nie przyklejaj ich do M5.
For the propeller to rotate glue elements N18 and N24
together, but do not glue them to M5.

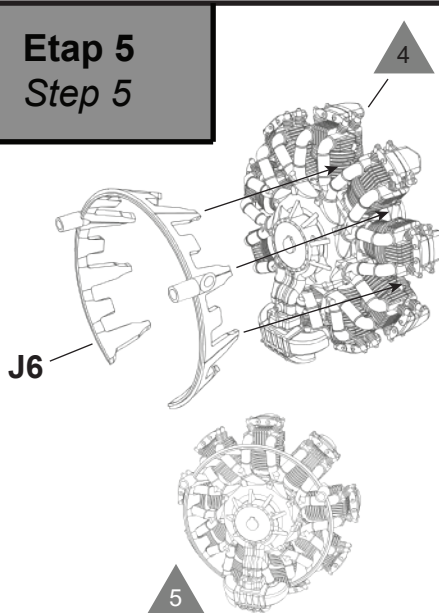
Etap 3
Step 3



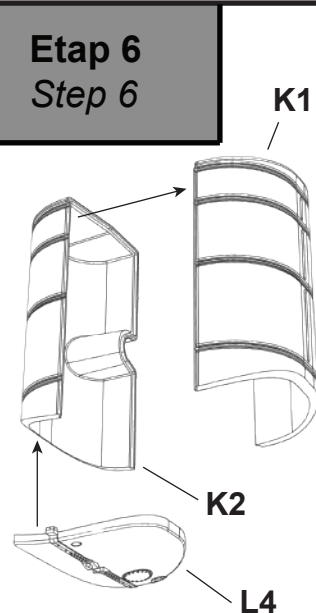
Etap 4
Step 4



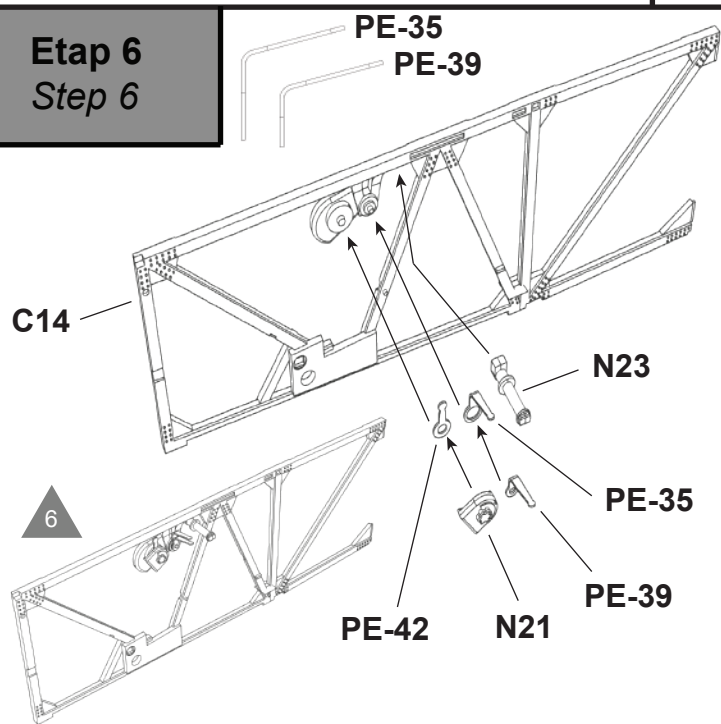
Etap 5
Step 5



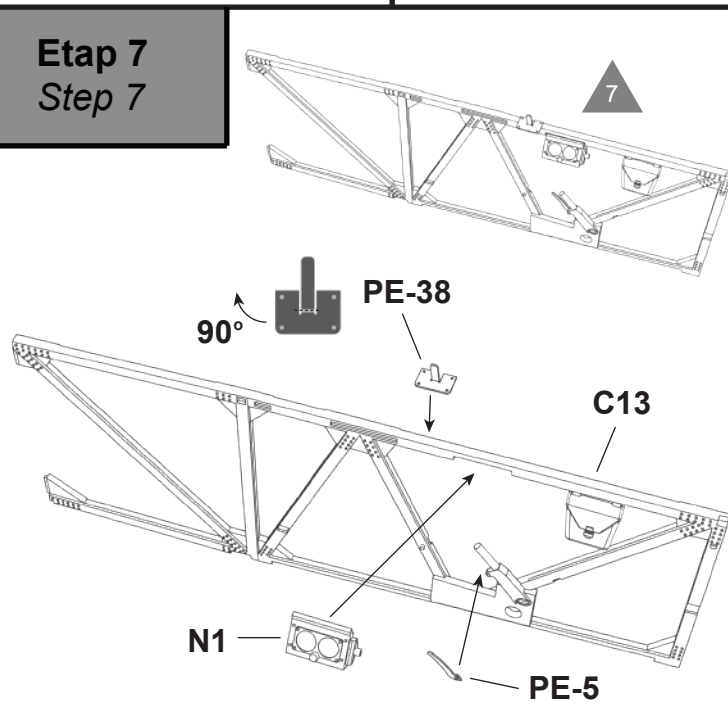
Etap 6
Step 6



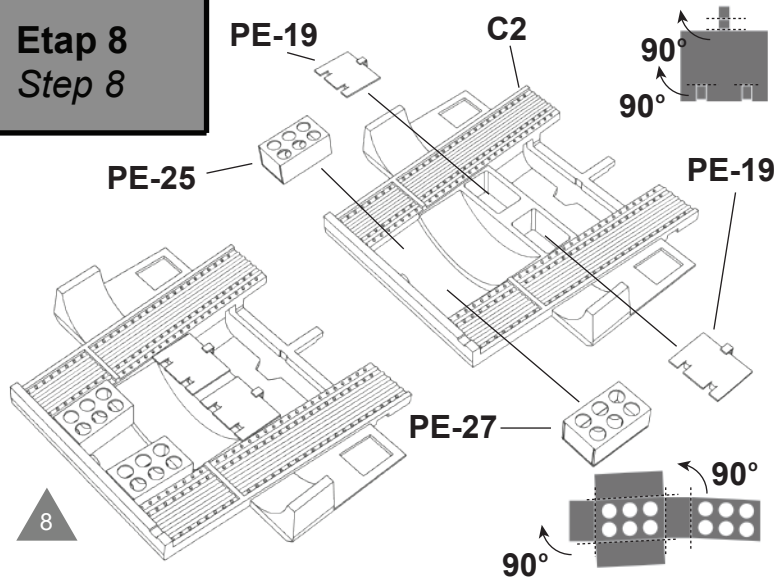
Etap 6
Step 6



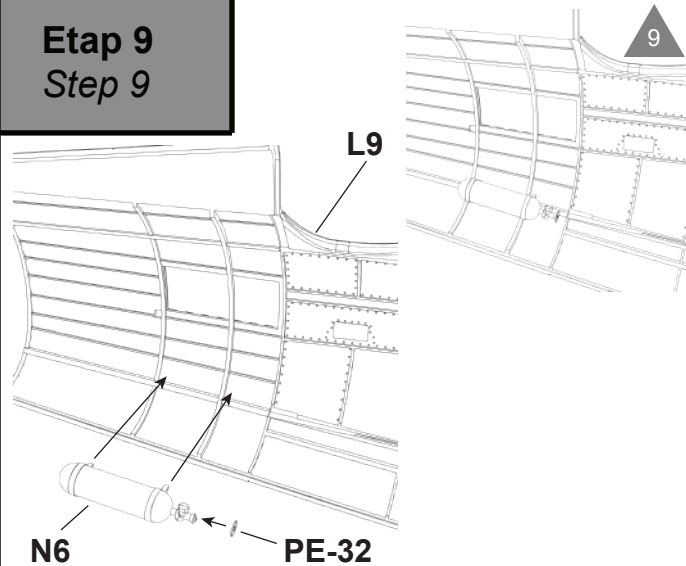
Etap 7
Step 7



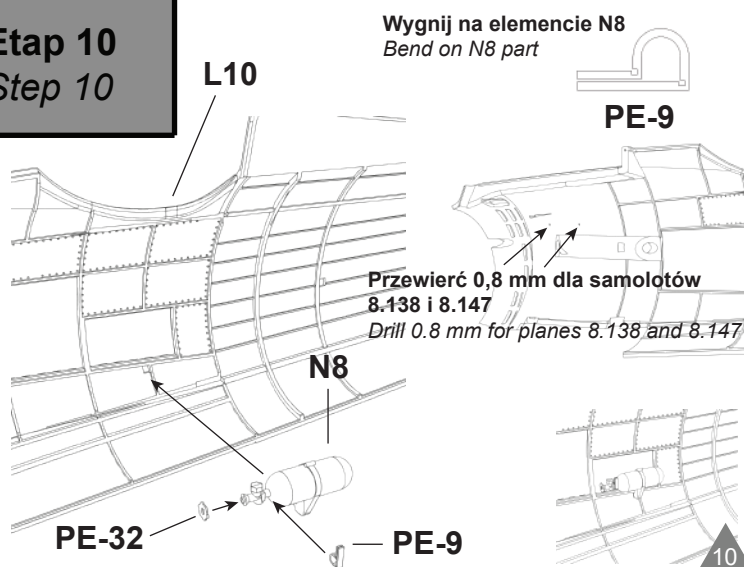
Etap 8 Step 8



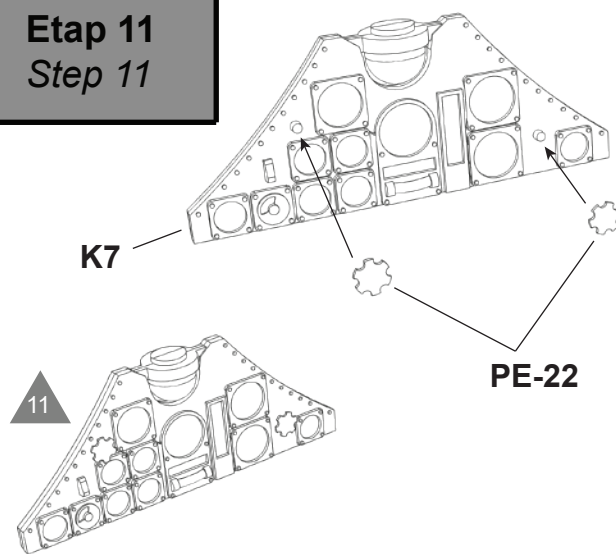
Etap 9 Step 9



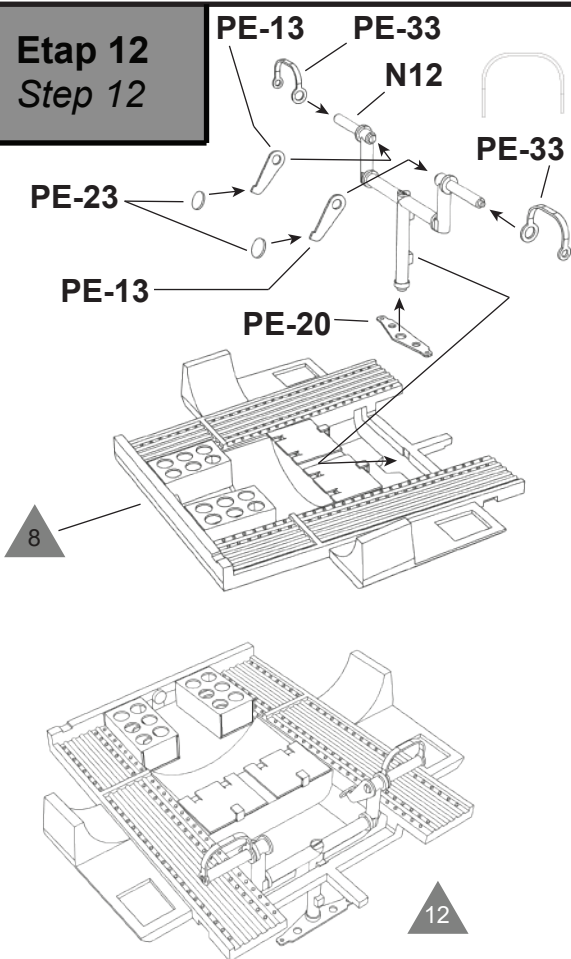
Etap 10 Step 10



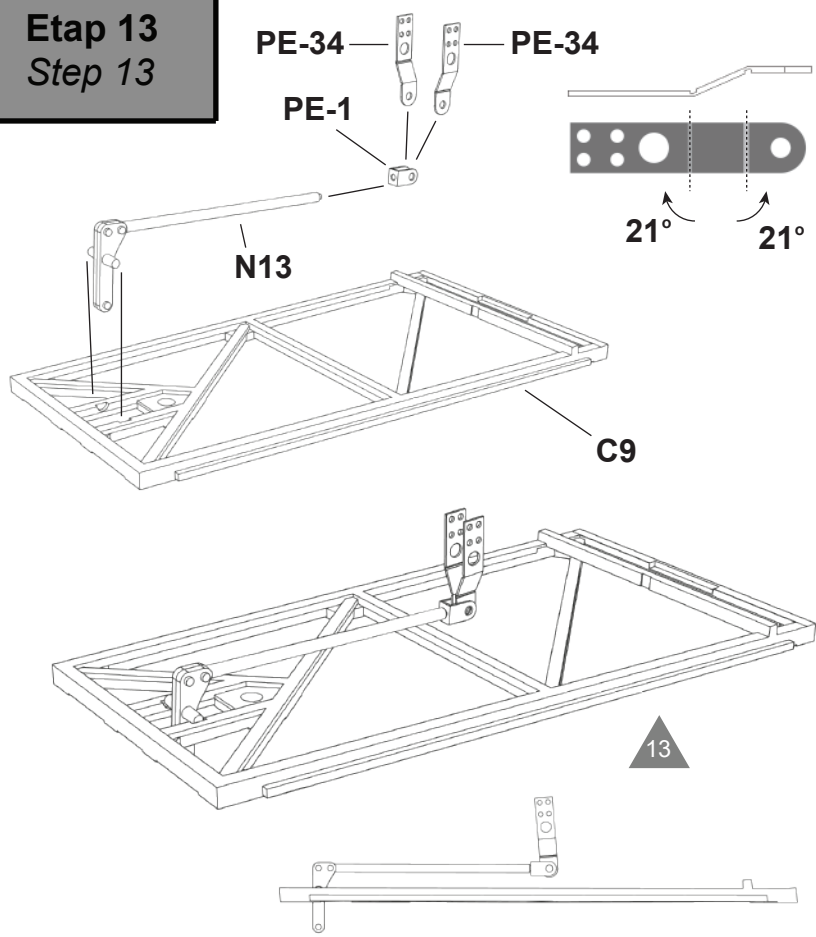
Etap 11 Step 11



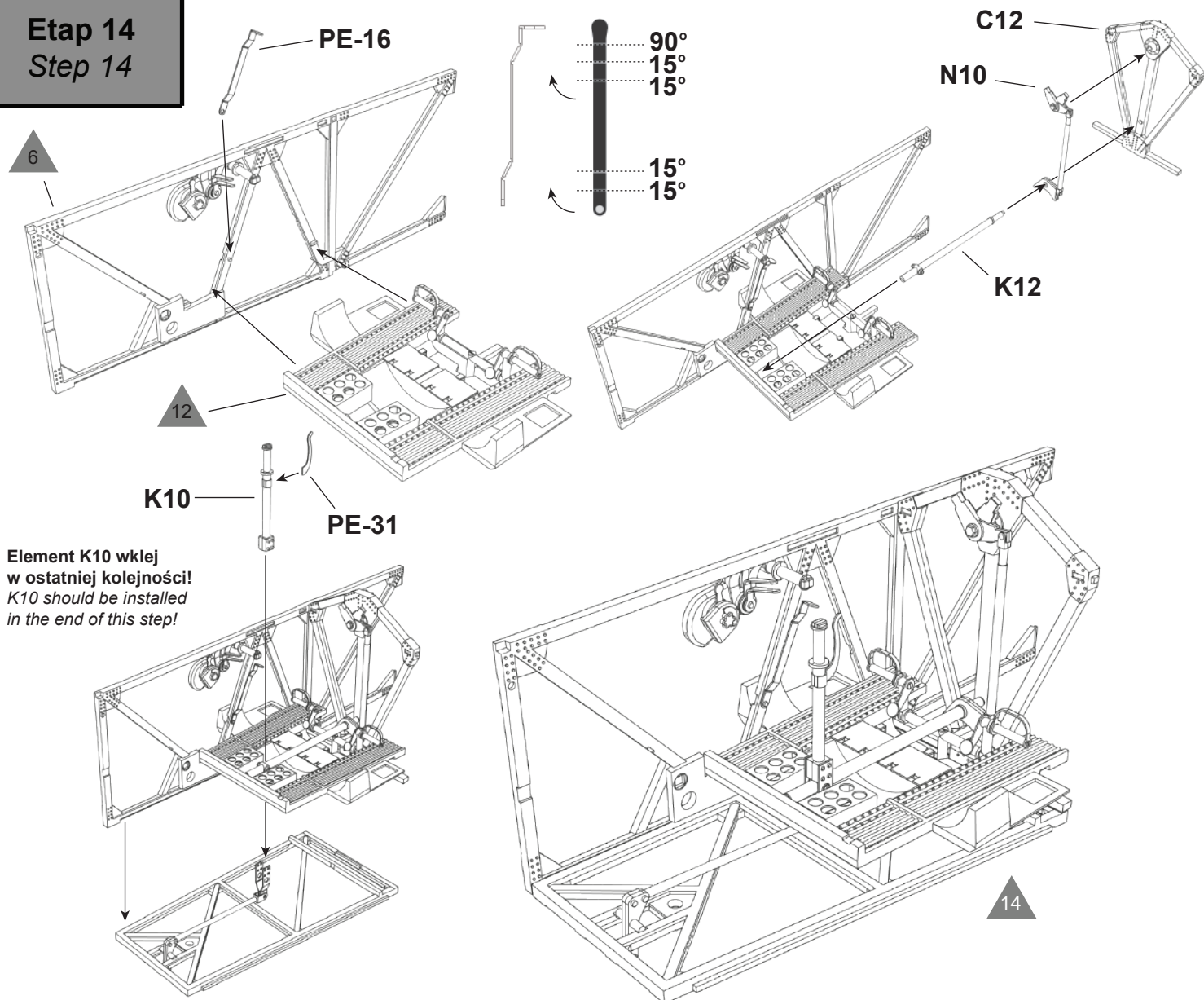
Etap 12 Step 12



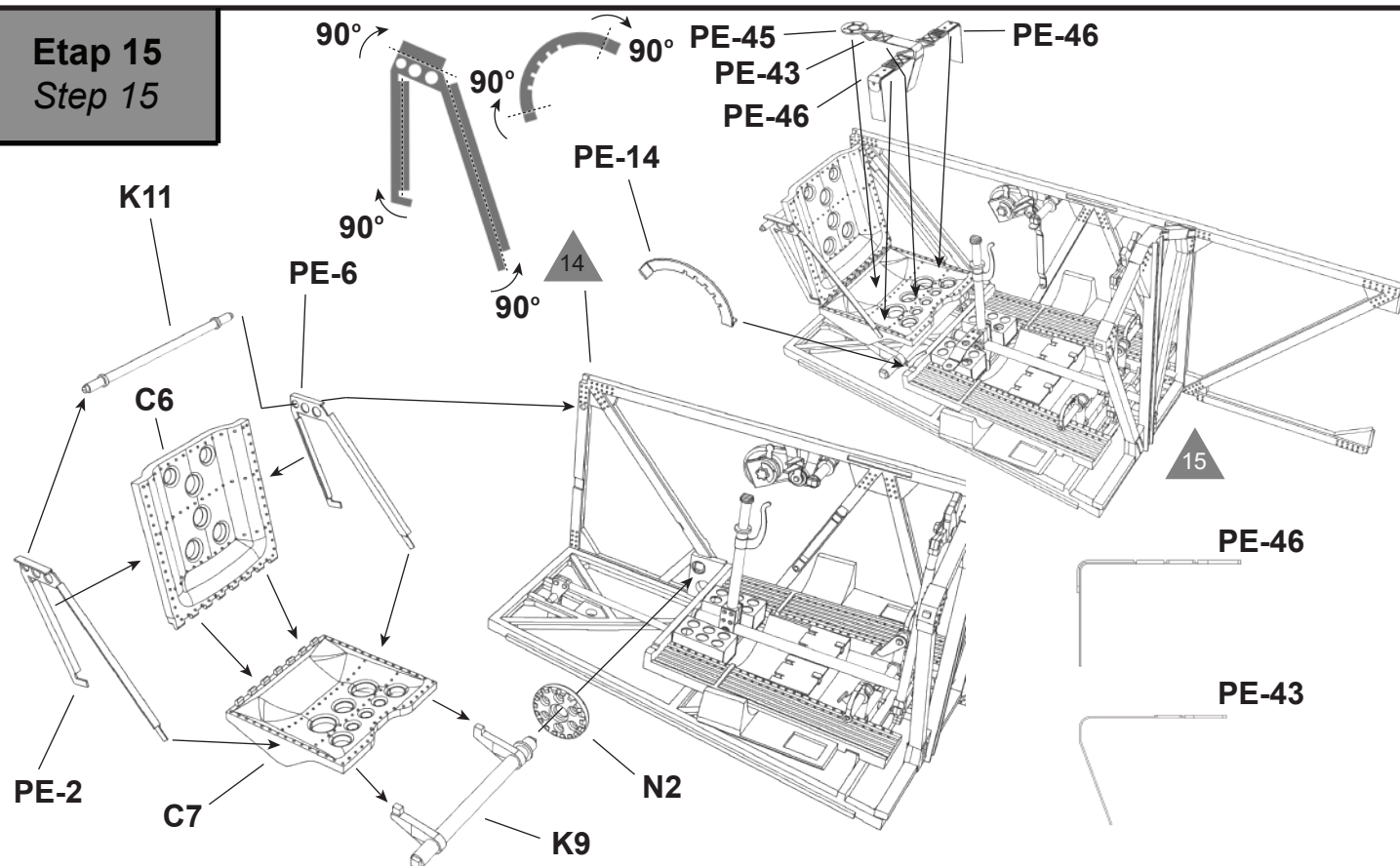
Etap 13 Step 13



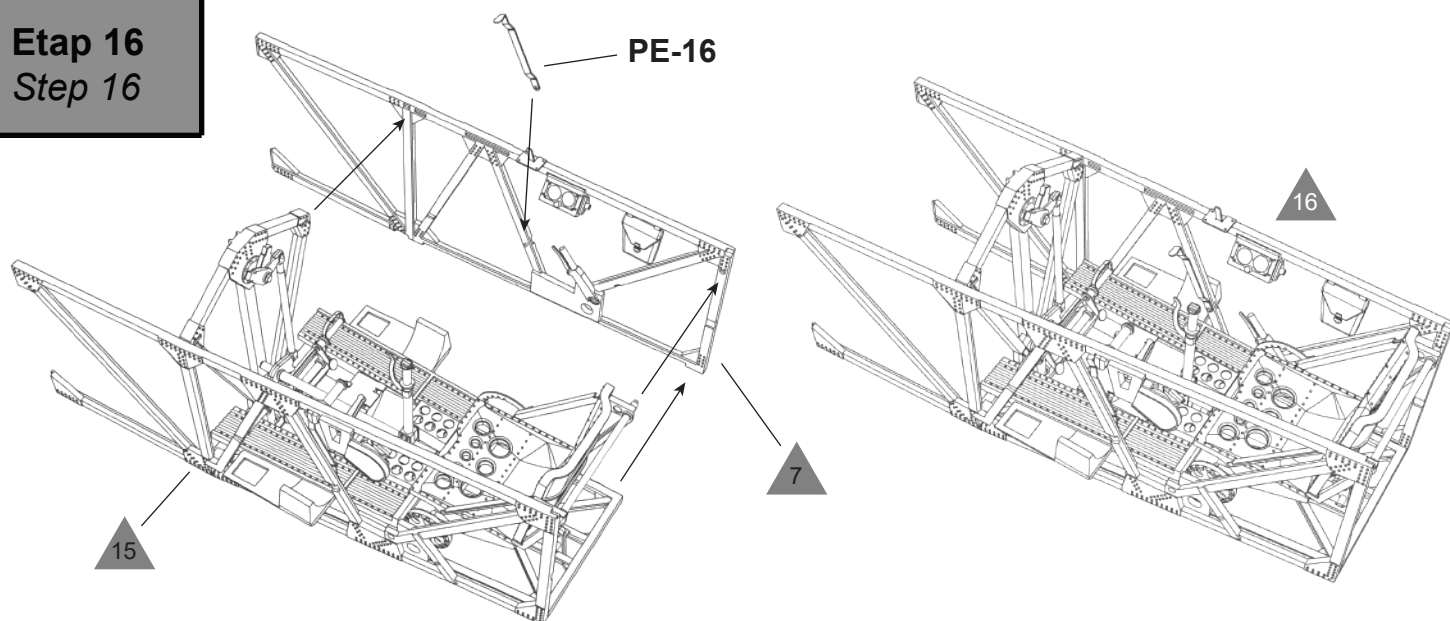
Etap 14 Step 14



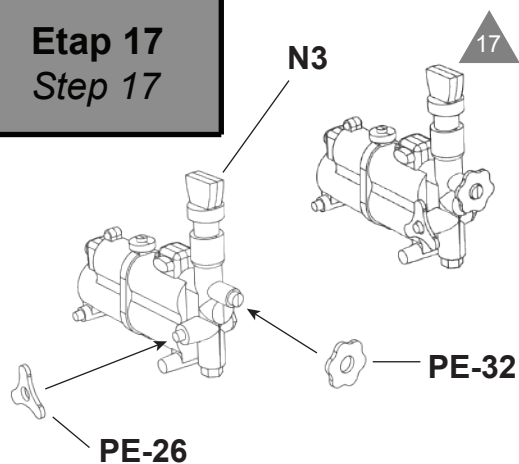
Etap 15 Step 15



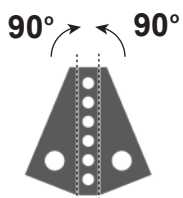
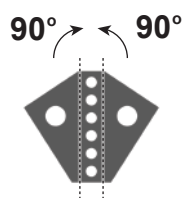
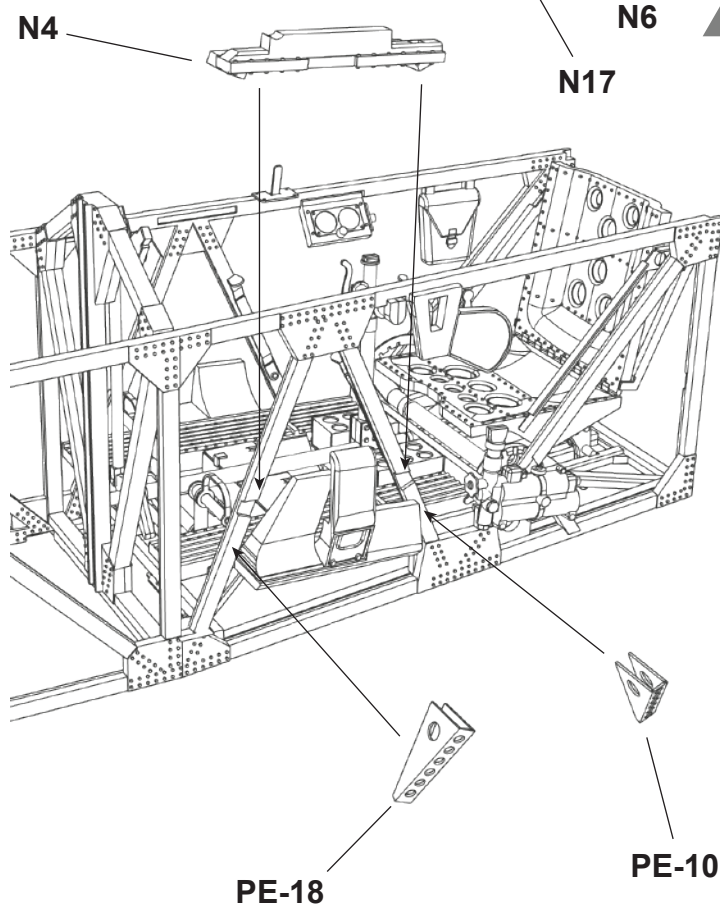
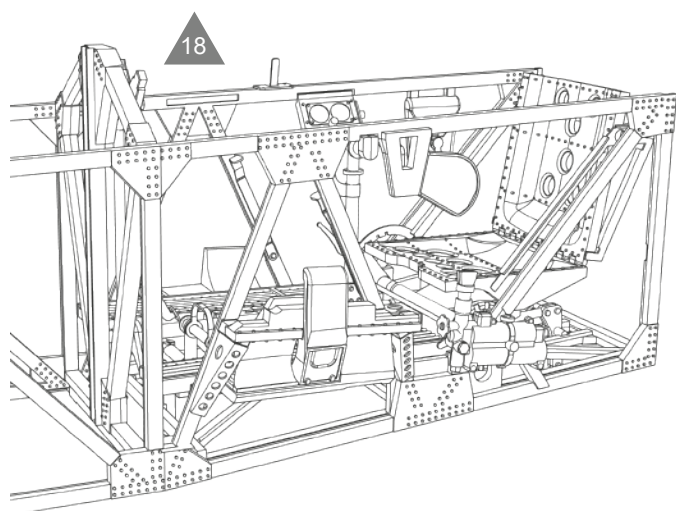
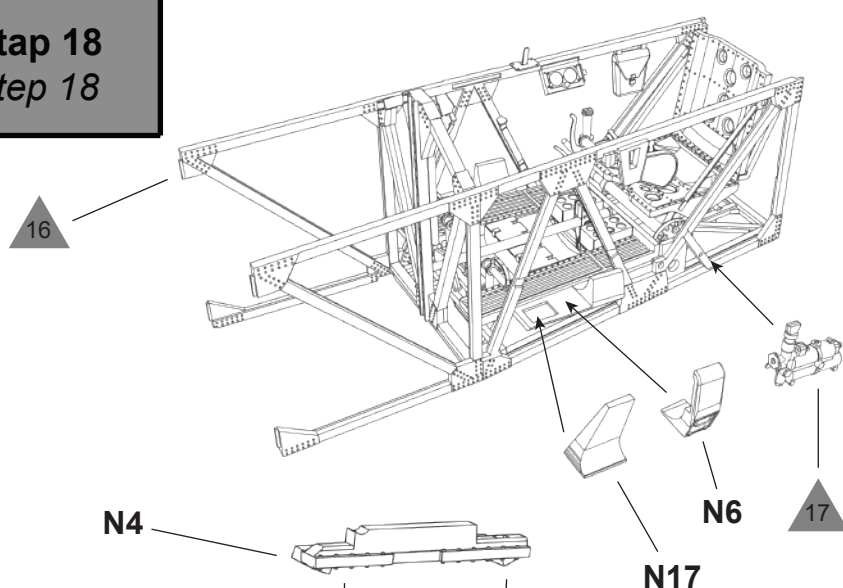
Etap 16
Step 16



Etap 17
Step 17



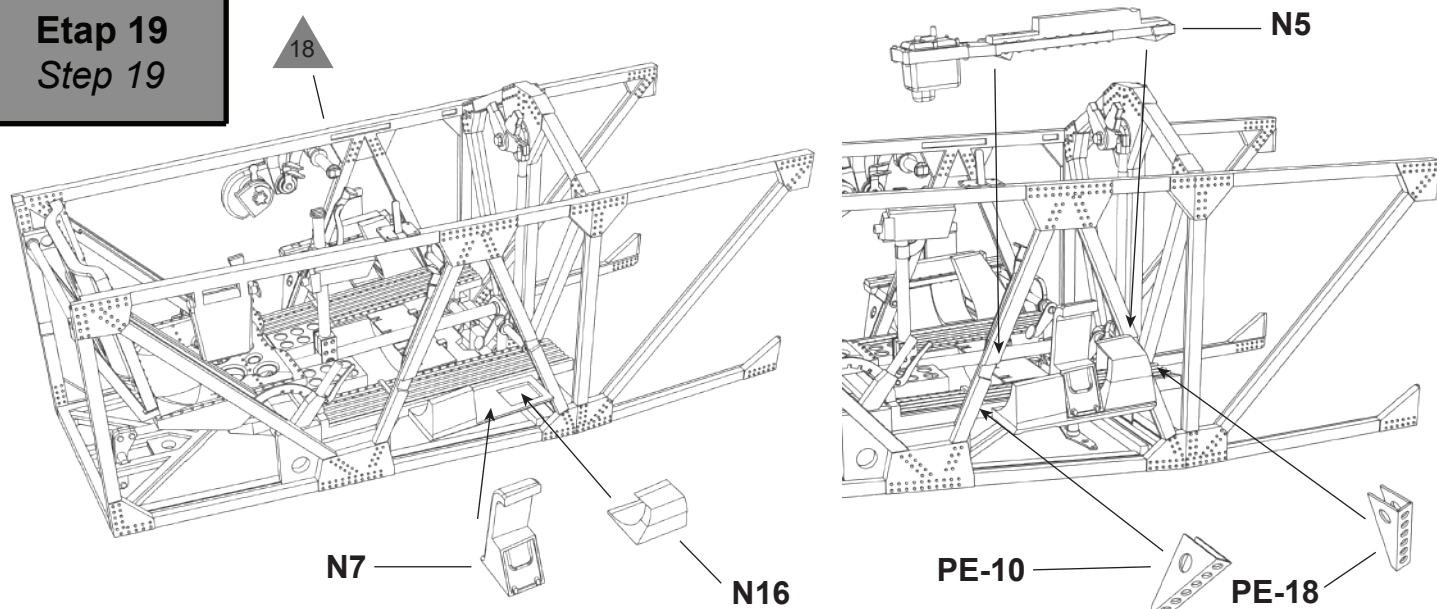
Etap 18
Step 18



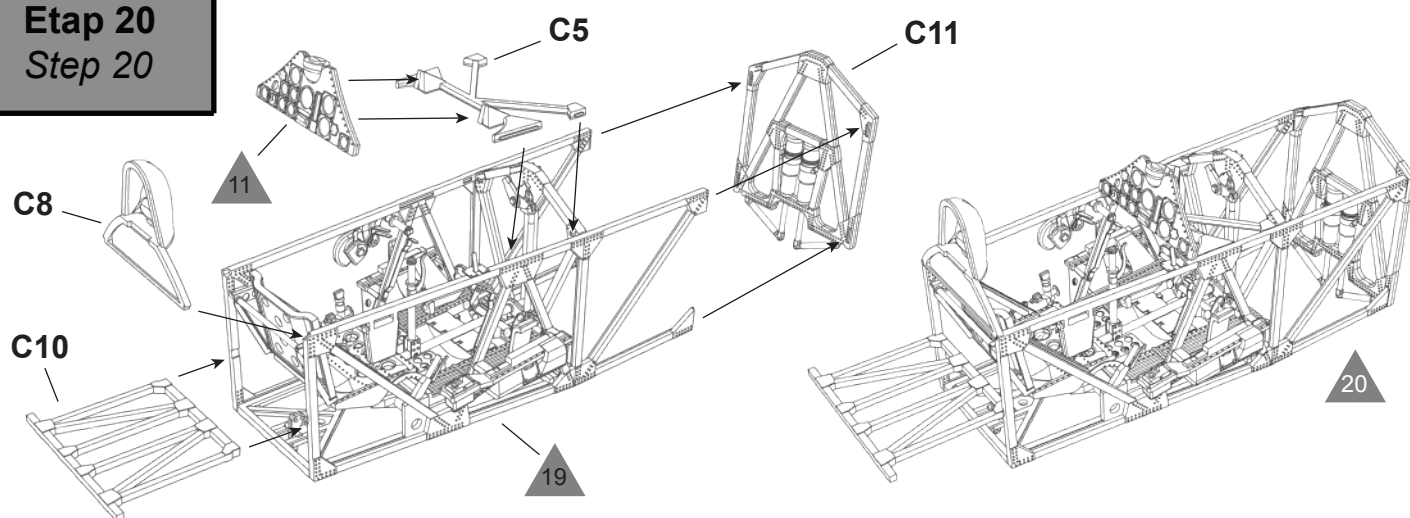
PE-18

PE-10

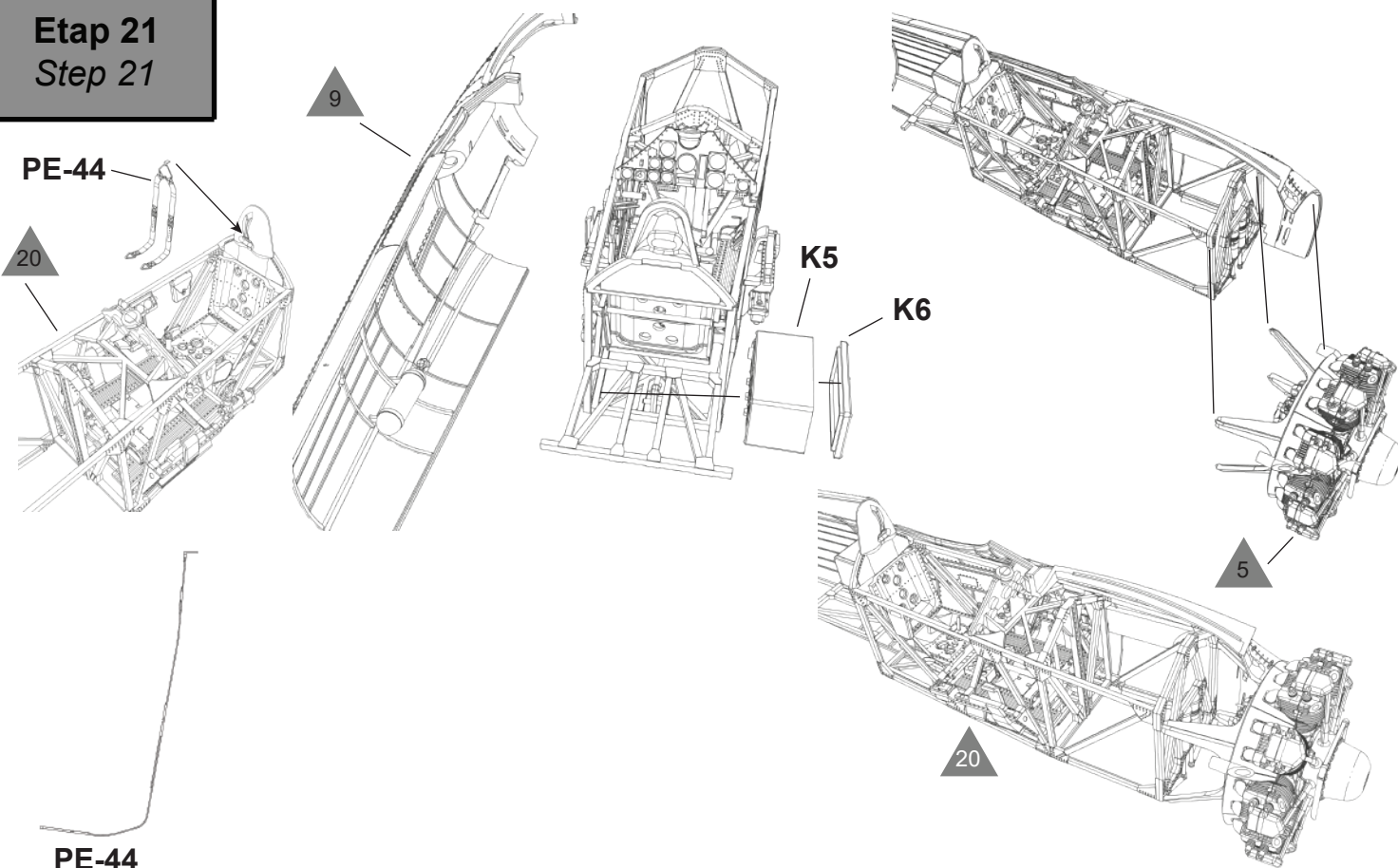
Etap 19 **Step 19**



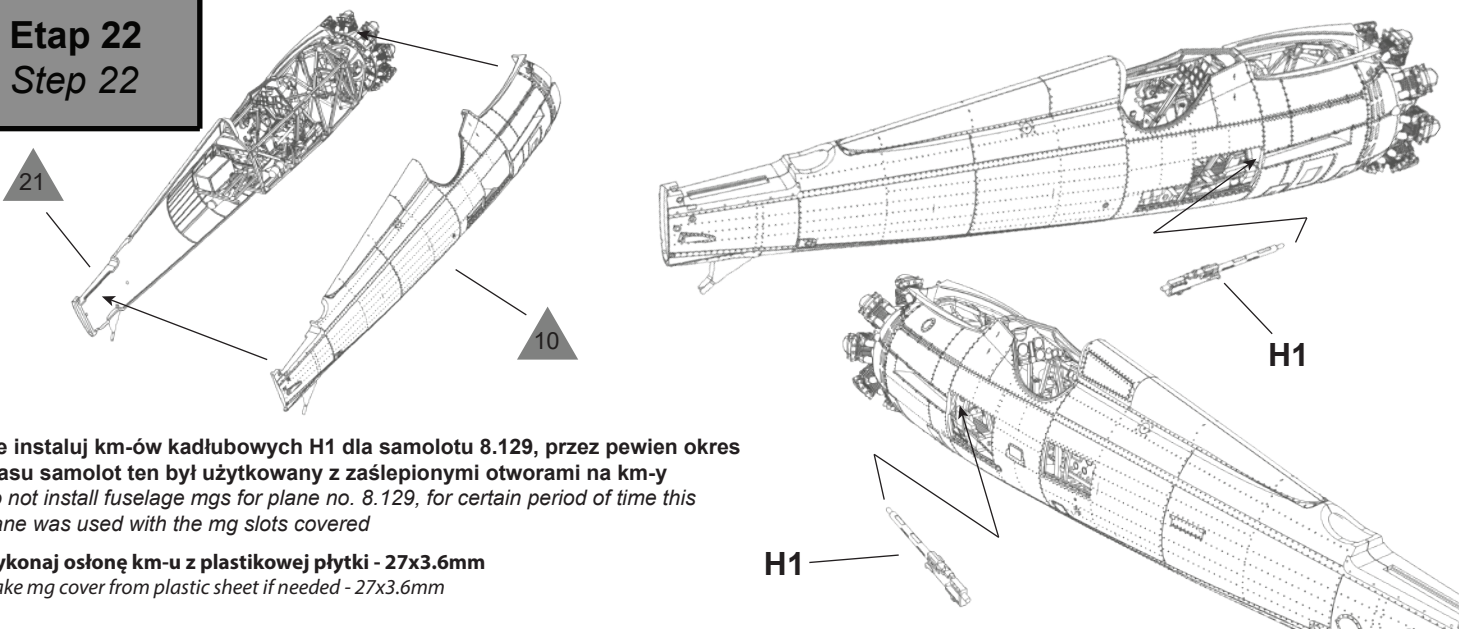
Etap 20 **Step 20**



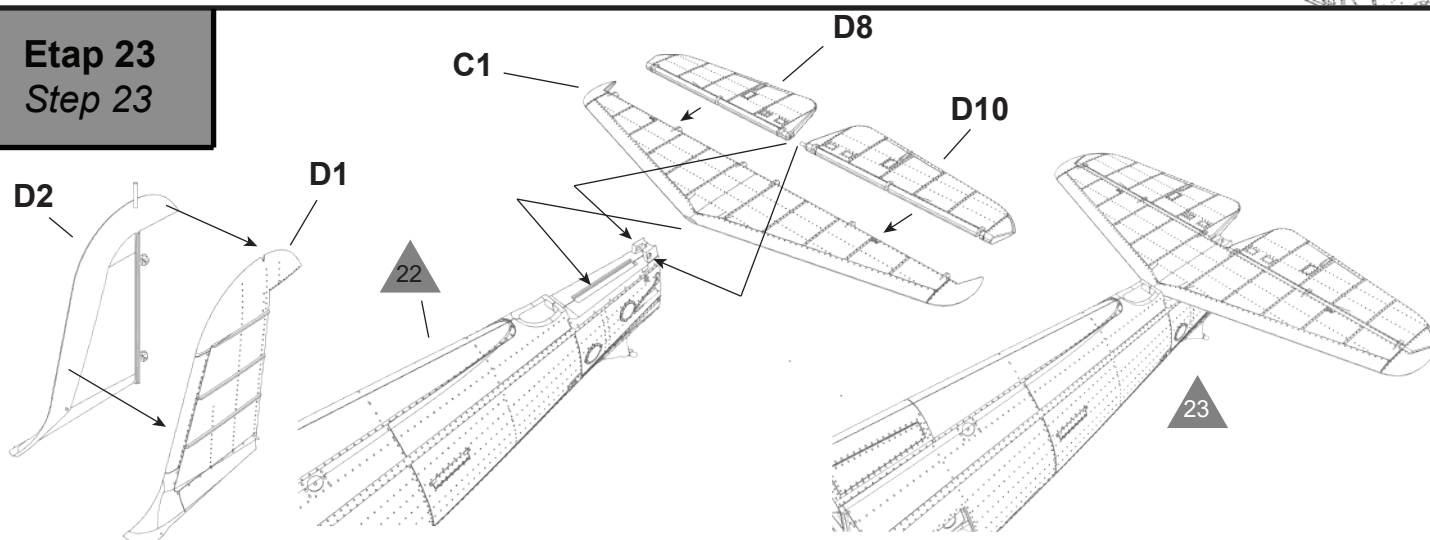
Etap 21 **Step 21**



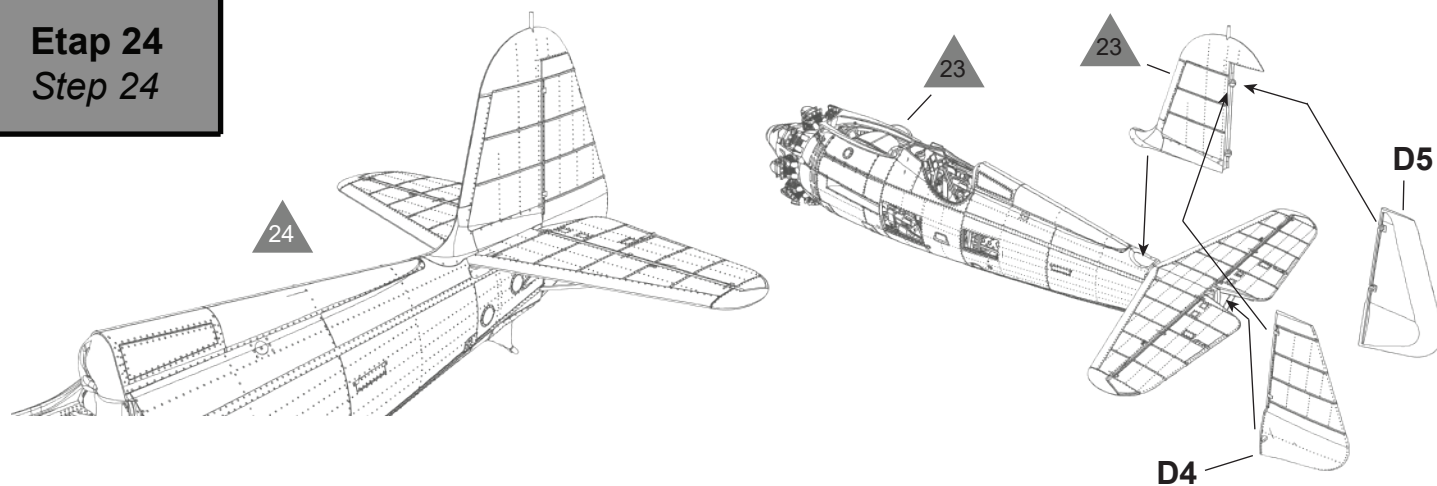
Etap 22 Step 22



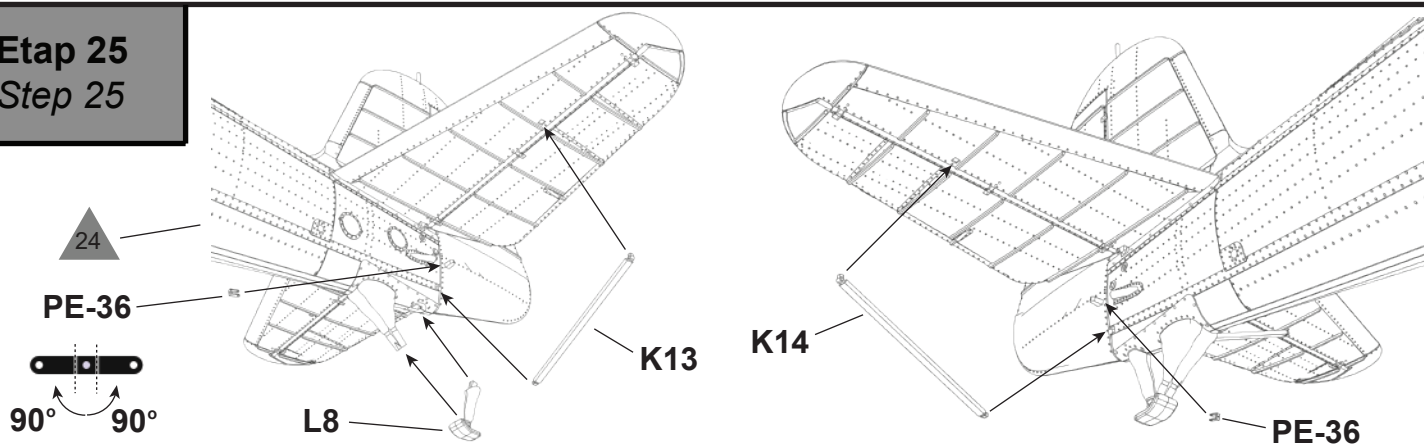
Etap 23 Step 23



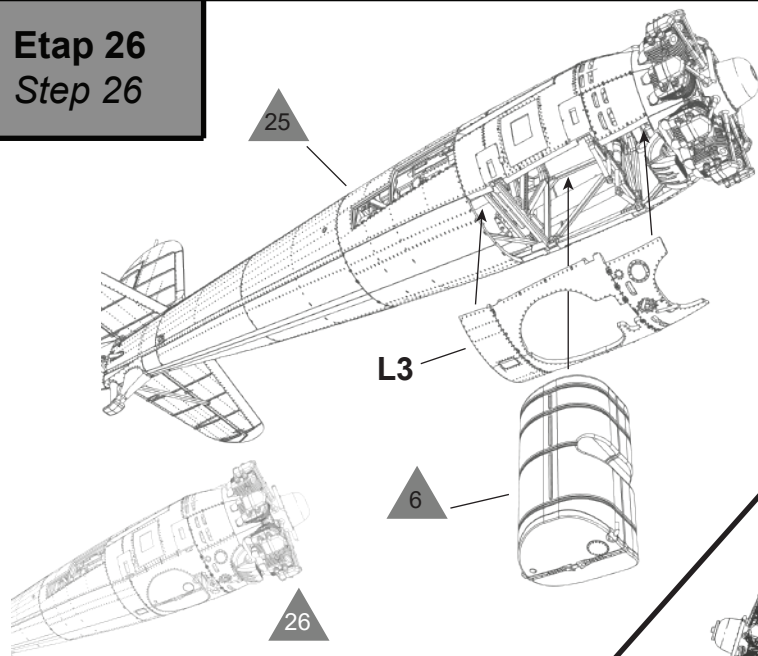
Etap 24 Step 24



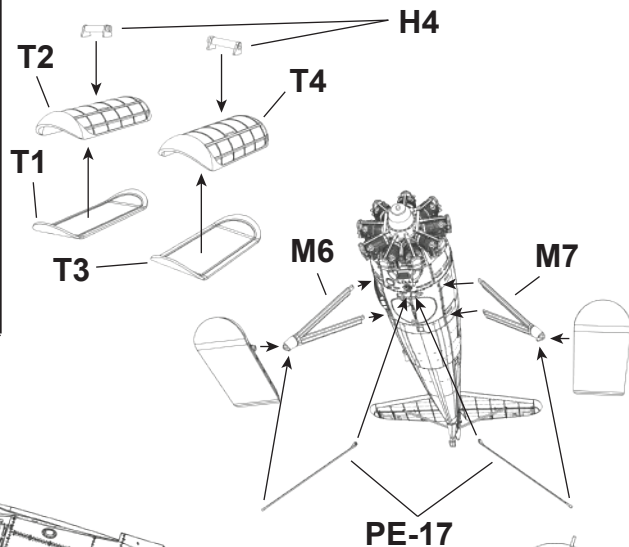
Etap 25 Step 25



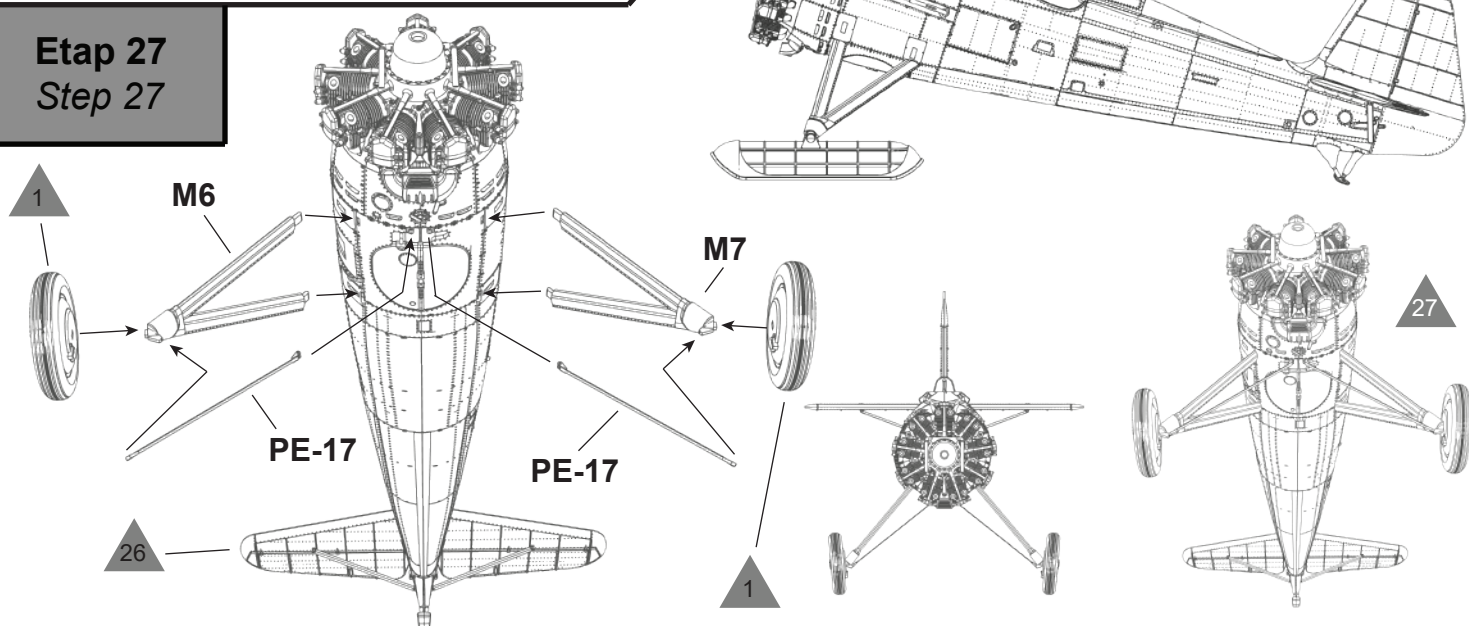
Etap 26 **Step 26**



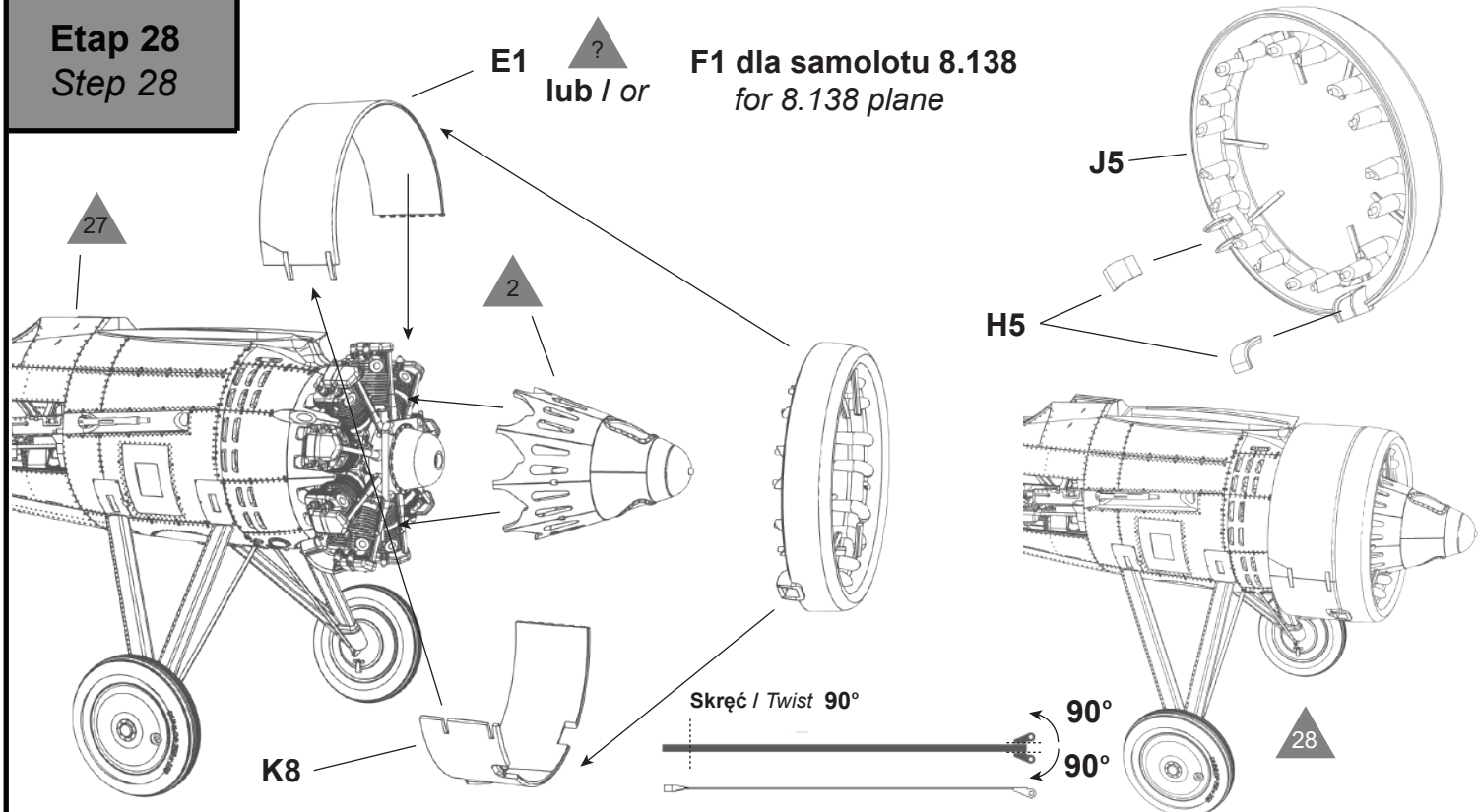
Dla samolotu 8.147 użyj nart zamiast kół
For 8.147 use skis instead of wheels



Etap 27 **Step 27**

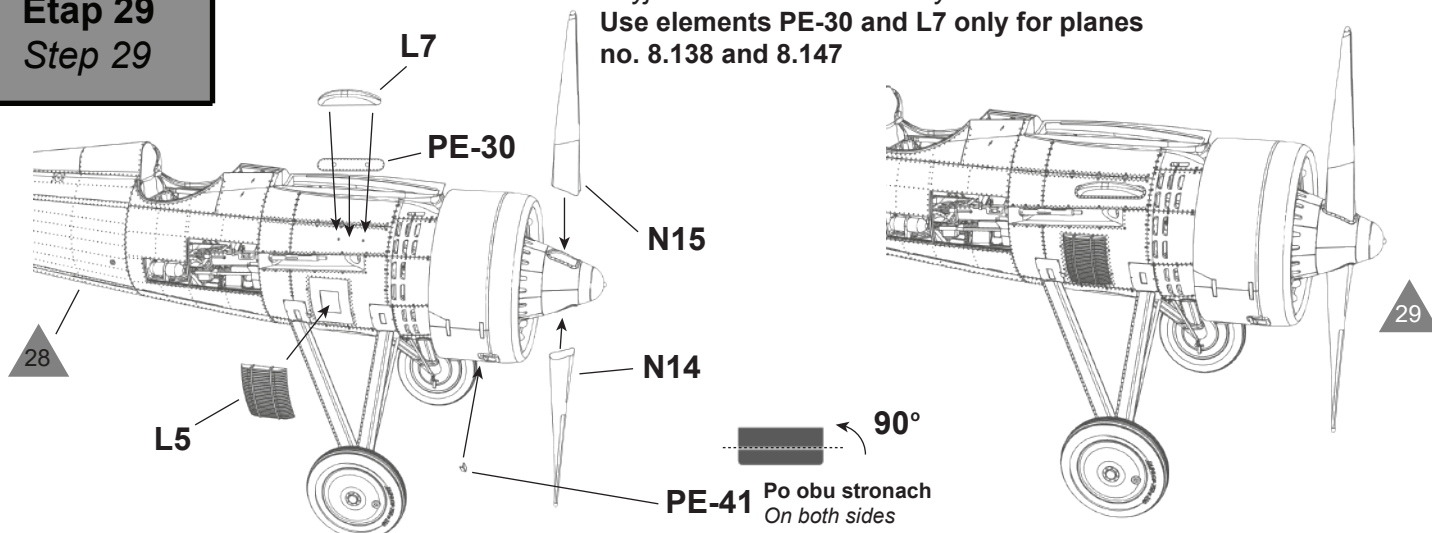


Etap 28 **Step 28**



Etap 29 Step 29

Użyj elementów PE-30 i L7 tylko dla samolotów 8.138 i 8.147
Use elements PE-30 and L7 only for planes
no. 8.138 and 8.147

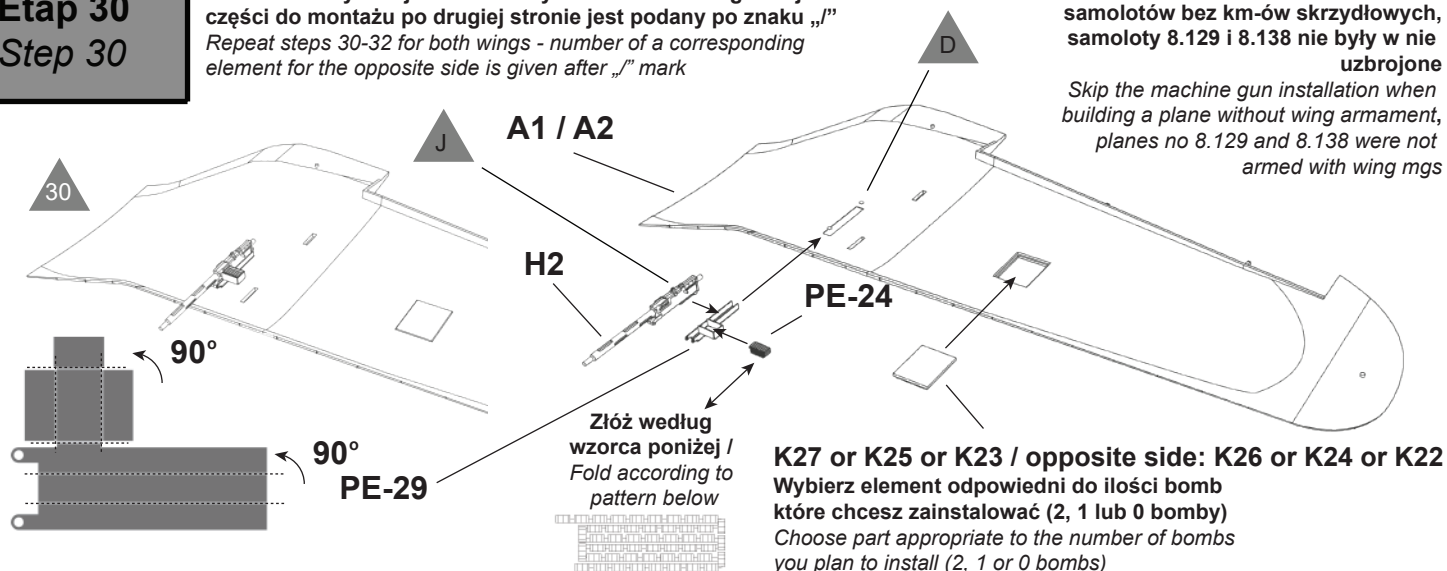


Etap 30 Step 30

Kroki 30-32 wykonaj dla obu skrzydeł - numer analogicznej części do montażu po drugiej stronie jest podany po znaku „/”
Repeat steps 30-32 for both wings - number of a corresponding element for the opposite side is given after „/” mark

Pomiń instalację karabinu dla samolotów bez km-ów skrzydłowych, samoloty 8.129 i 8.138 nie były w nie uzbrojone

Skip the machine gun installation when building a plane without wing armament, planes no 8.129 and 8.138 were not armed with wing mgs



K27 or K25 or K23 / opposite side: K26 or K24 or K22
Wybierz element odpowiedni do ilości bomb które chcesz zainstalować (2, 1 lub 0 bomby)
Choose part appropriate to the number of bombs you plan to install (2, 1 or 0 bombs)

Etap 31 Step 31

K18 / K19 wersja z km-em, version with mg
K21 / K20 bez km-u, no mg in the wing

B1 / B2

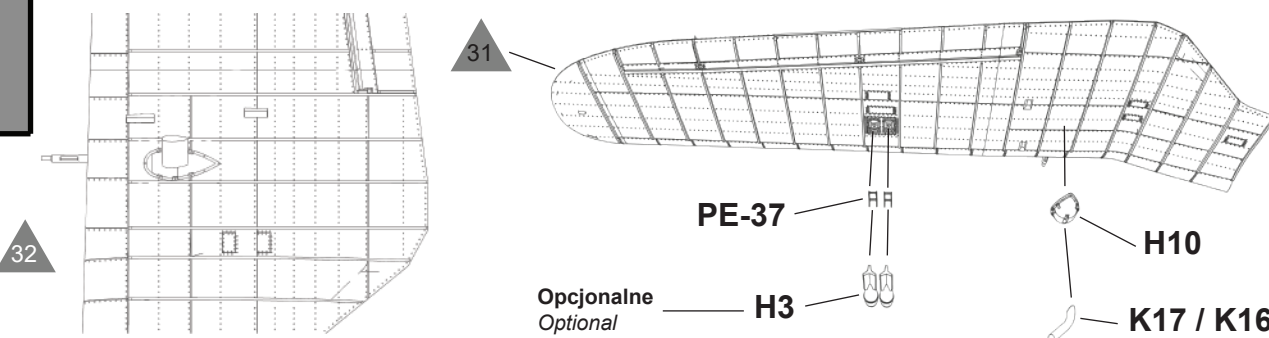
PE-7 / PE-8

PE-11

D11 / D9

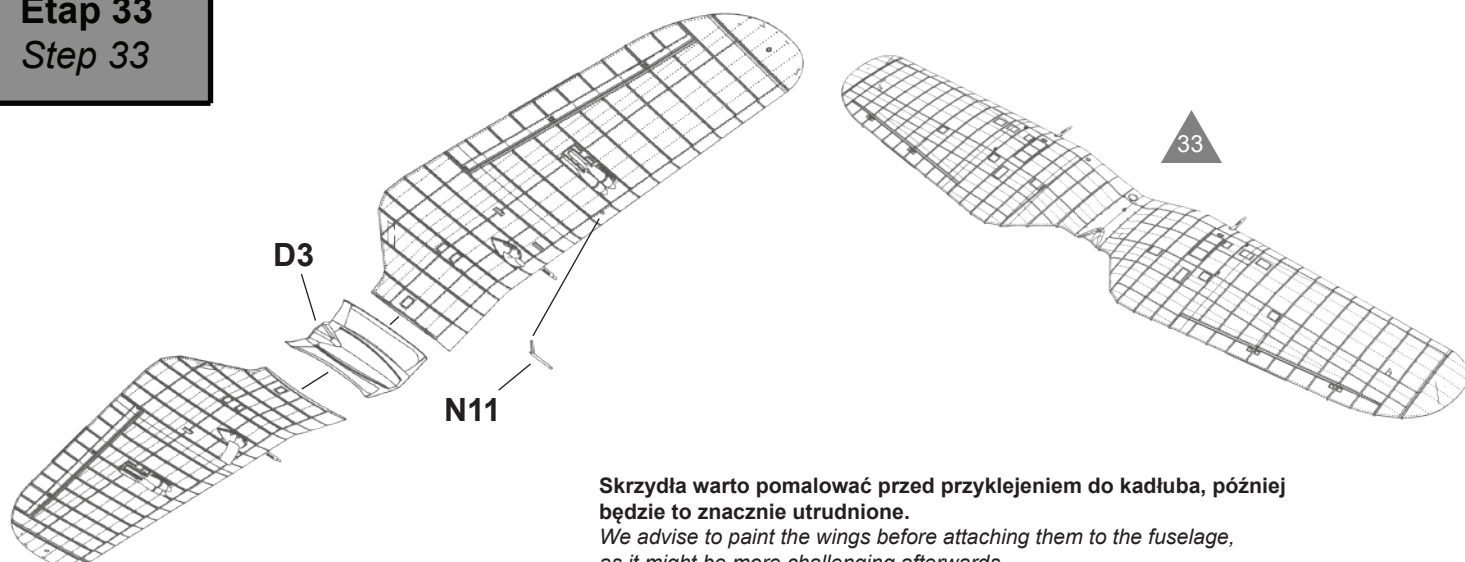
Aby zbudować model z otwartą wnęką km-u wytnij tutaj
Cut here to build the model with open mg bay

Etap 32 Step 32



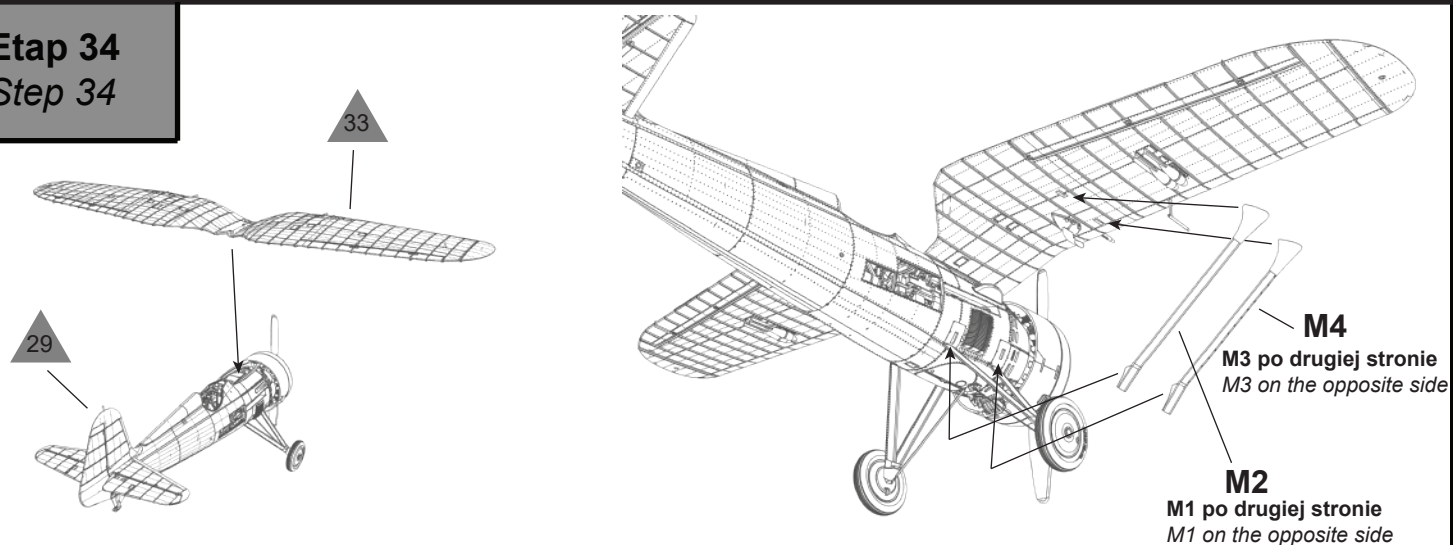
Opcjonalne
Optional

Etap 33 Step 33

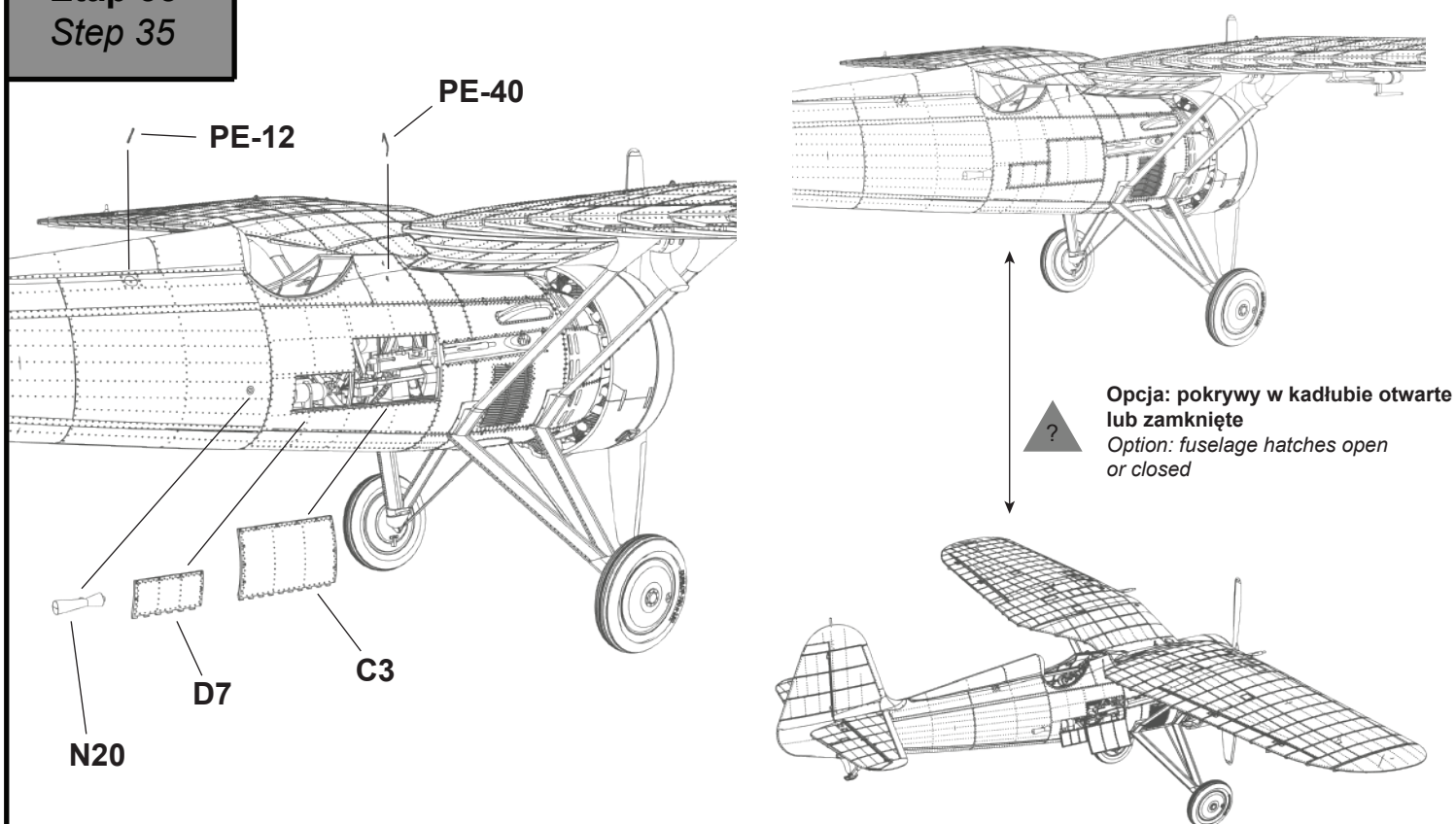


Skrzydła warto pomalować przed przyklejeniem do kadłuba, później będzie to znacznie utrudnione.
We advise to paint the wings before attaching them to the fuselage, as it might be more challenging afterwards

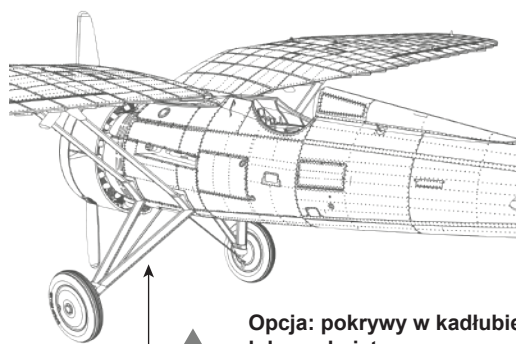
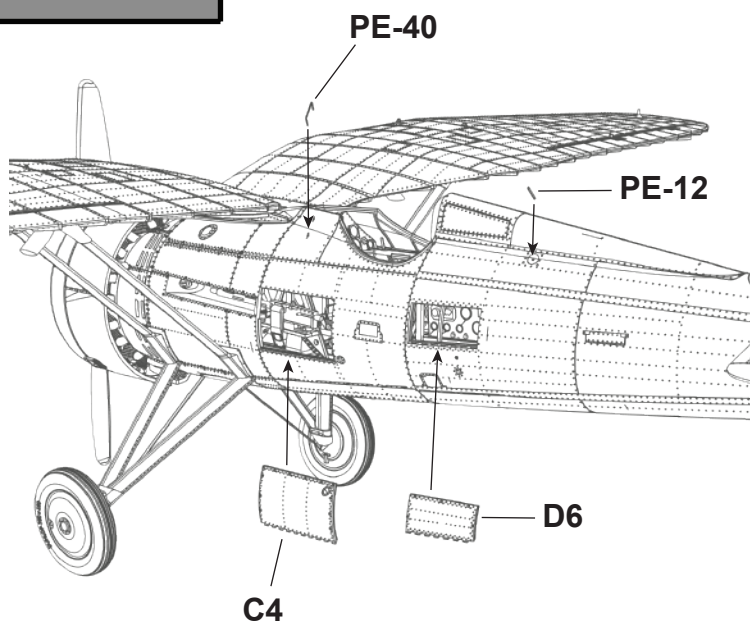
Etap 34 Step 34



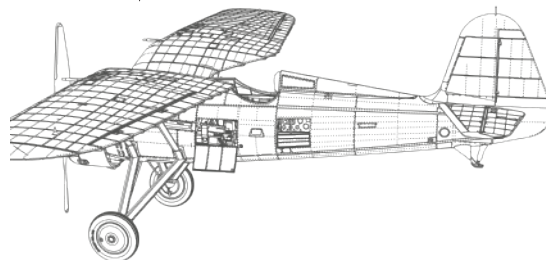
Etap 35 Step 35



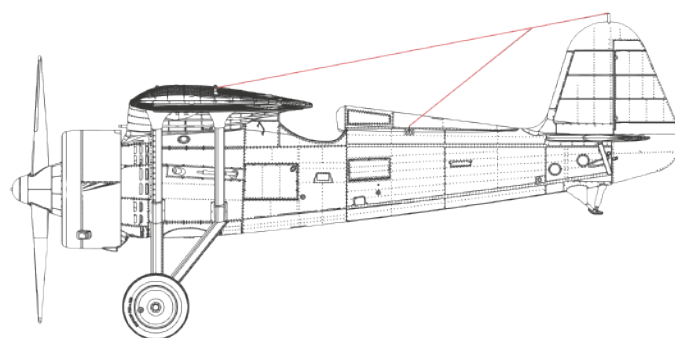
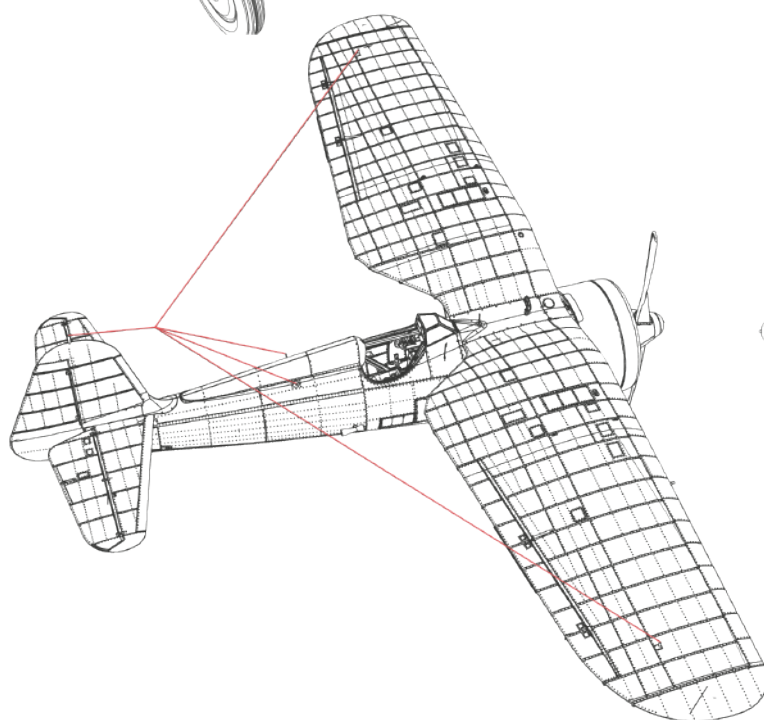
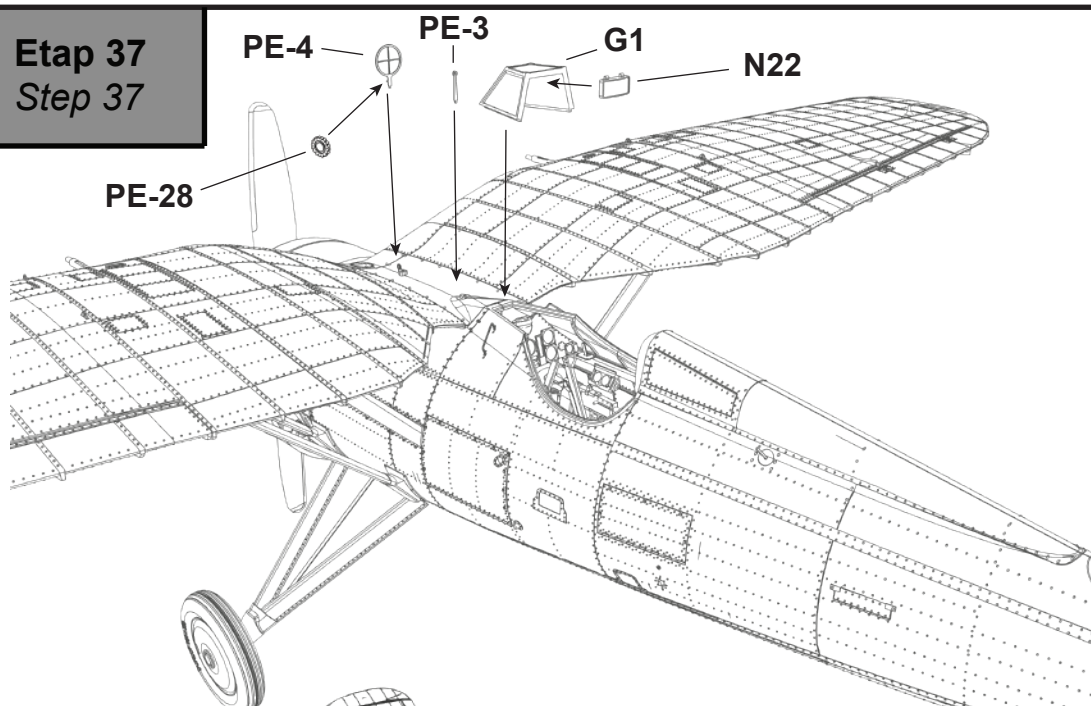
Etap 36 Step 36



Opcja: pokrywy w kadłubie otwarte
lub zamknięte
Option: fuselage hatches open
or closed



Etap 37 Step 37

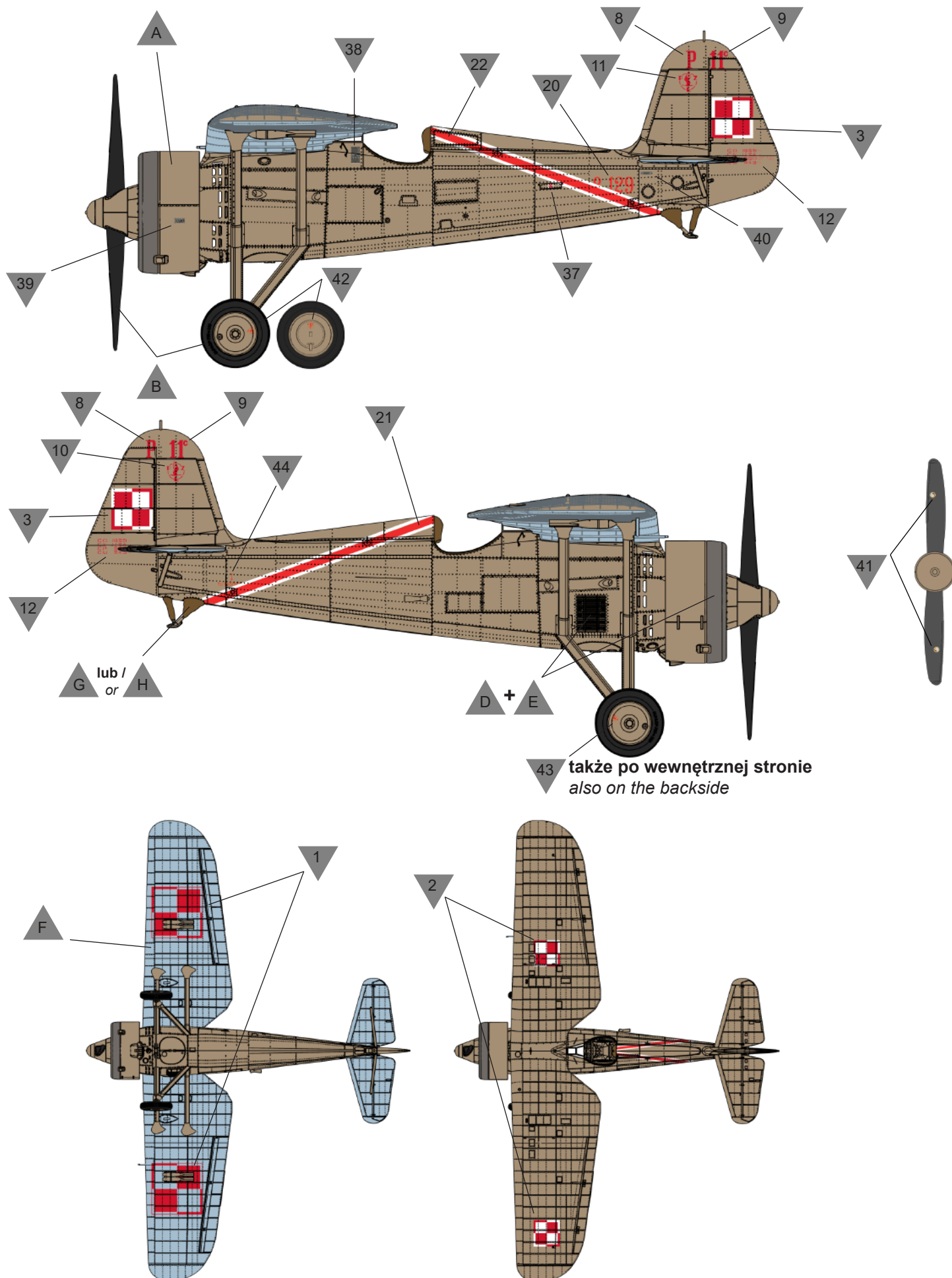


**Schemat ułożenia linek antenowych
dla samolotów 8.138 i 8.147 (8.129 ich
nie miał)**

*Antenna wire schematic for plane no. 8.138
and 8.147 (8.129 did not have them)*

Malowanie Painting

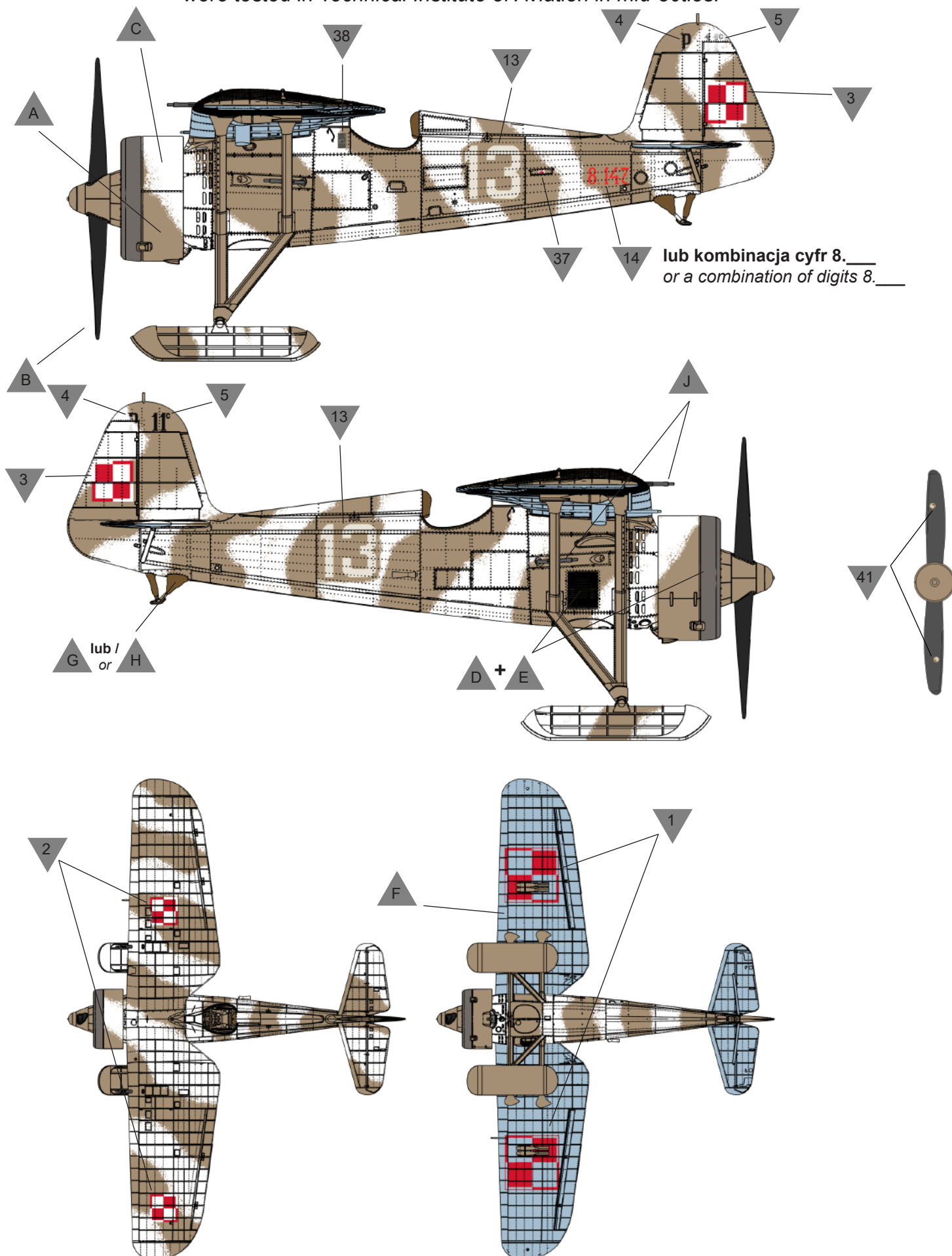
PZL P.11c nr 8.129 pilotowany przez Generała Rayskiego, wizyta polskiego lotnictwa w Szwecji z okazji wystawy lotniczej ILIS, Sztokholm, maj 1936 r.
PZL P.11c no. 8.129 piloted by General Rayski, visit of Polish aviation to Sweden at the time of ILIS International Aviation Exhibition, Stockholm, May 1936



Malowanie Painting

PZL P.11c na nartach - schemat „what-if”, wschodnia Polska, wczesny 1940.
Narty tego typu były testowane w ITL w połowie lat 30-tych.

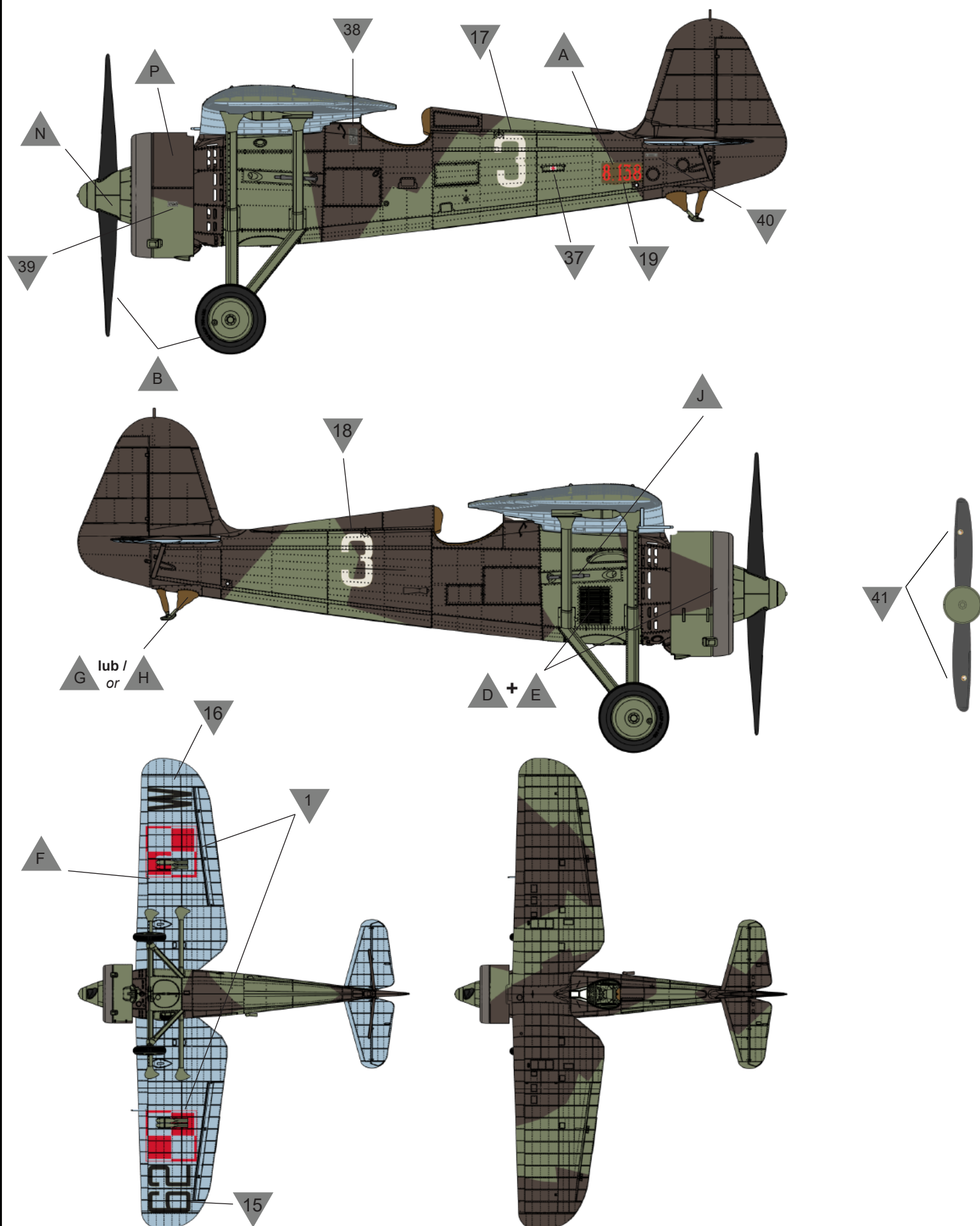
What-if scheme of PZL P.11c plane on skis, Eastern Poland, early 1940. These skis were tested in Technical Institute of Aviation in mid-30ties.



Malowanie

Painting

PZL P.11c no. 8.138 in experimental camouflage, most likely one of the airplanes of Pursuit Brigade defending Warsaw, September 1939



Analysis of available photographs has shown that there might have been two camouflage colors painted on top of Polish Khaki base still to be seen under the serial number. The actual colors are impossible to determine in the present state of knowledge, but camouflage paints used in Polish Army in the 30ties have similar level of contrast, so we suggest to use Polish Olive Green (N) and Polish Dark Brown (P) for this scheme.