

SAILPLANE / ELECTRO SAILPLANE

Albatros 2,74



Manufactured by:

TOPMODEL CZ

679 05 HABRŮVKA 100 - CZECH REPUBLIC

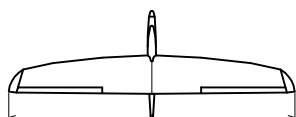
www.topmodelcz.cz

e-mail: info@topmodelcz.cz

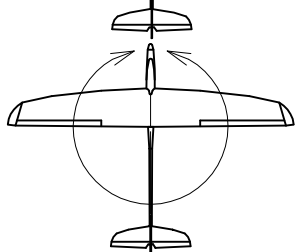
Order N°: 020116



1385mm



2740mm

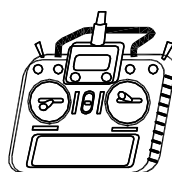


61,6dm²
29,2-35,7g/dm²



1,8 - 2,2kg

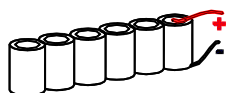
Radio system you'll need :



5channel
with
6 servos



MVVS 3,5/960



3S Lixx 2,2-2,6Ah



MH32 mod.

*Není-li uvedeno jinak, všechny
neoznačené míry jsou v milimetrech
UNLES STATED, ALL DIMENSIONS
ARE IN MILLIMETERS*

Part #	Part name	Material/dimensions	Loose	In bag
	building instruction		01	
1	fuselage	fibreglass	01	
1-1	engine mount	fibreglass 3mm		01
1-2	servo tray	plywood 4x56x60mm		01
1-3	link support	balsa 5x10x56		01
1-4	tow hook	steel Ø3mm, washer, nut M3		01+02+02
1-5	tow hook support	plywood 3x16x50mm		01
1-CT	cutting template	plywood 3mm	01	
2	wing	balsa assembly	03	
2-1	aileron	balsa	02	
2-11	flap	balsa	02	
2-2	wing fixing screw	M4x20		02
2-21	centering pin	fibreglass Ø3x30mm		01
2-25	centering pin	fibreglass Ø6x75mm		01
2-3	wing nut	AL M4		02
2-31	nut mount	plywood 3x23x53		01
2-4	servo mount	polyurethan 12mm		08
2-41	wing servo cover	ABS plastic		04
2-5	aileron&flap pushrod	steel Ø1,8mm		04
2-6	clevis	MPJ 2110		04
2-8	aileron horn	fibreglass plate 1,5mm		02
2-81	flap horn	fibreglas plate 1,5mm		02
24	wing joiner	steel Ø6x140mm		02
3	horizontal stabilazer	balsa assembly		02
3-21	centering pin	fibreglass Ø3x70mm		01
3-3	elevator joiner	fibreglass Ø4x150mm		01
3-5	elevator link	balsa Ø10x770mm	01	
3-5F	elevator link	steel Ø2x180mm		01
3-5N	thread	2m		01
3-5R	elevator link	steel M2x180mm		01
3-6F	threaded rod tip M2	MPJ 2762		01
3-6R	clevis	metal M2, nut M2		01+01
3-8	elevator horn	fibreglass plate 2mm		01
4	fin	balsa assembly	01	
4-3	closing strip	plywood 6mm		01
4-5	rudder link	bowden Ø3x900mm, steel Ø1,2x1000mm	01 01	
4-6	threaded rod tip M2	MPJ 2762		01
4-8	rudder horn	fibreglass plate 1,5mm		01
6	canopy	fibreglass	01	
6-2	canopy fixing	fibreglass Ø2x200mm		01
6-21	mount	plywood 1x6x12mm		02
7	stickers		04	
11	pinned hinge	MS0124028		02

ATTENTION!

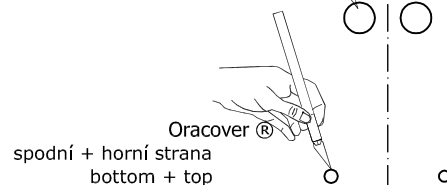
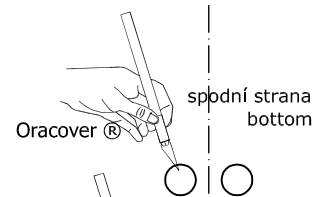
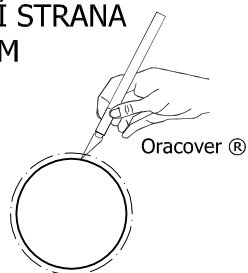
This model construction kit is not a toy and is not suitable for children under the age of 14. Incorrect use of this model could cause material damage or personal injury. You are fully responsible for your actions when you use this model.

Fly at a safe distance from occupied zones. Before switching on the radio, be sure, that no one else is using the same frequency as you !

Before first take-off check up please the center of gravity, the sense and size of the control surface angle and if model aeroplane parts aren't crooked. The reparation is possible through the use of hot-air dryer.

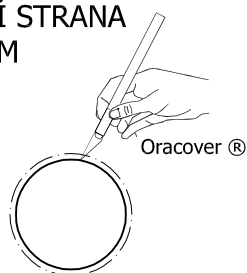
SPODNÍ STRANA
BOTTOM

②



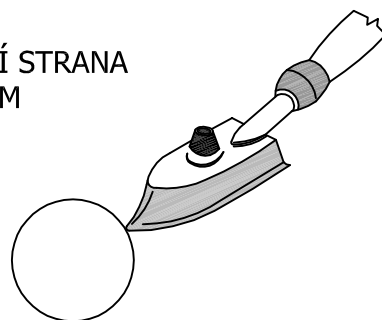
SPODNÍ STRANA
BOTTOM

②



SPODNÍ STRANA
BOTTOM

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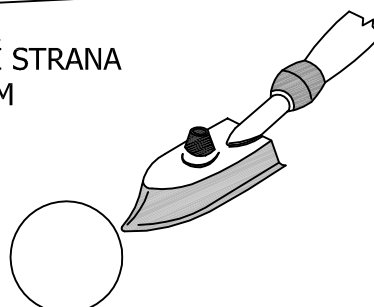


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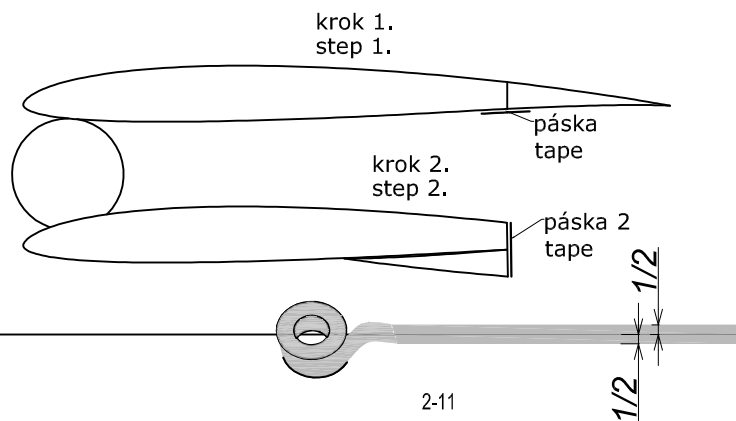


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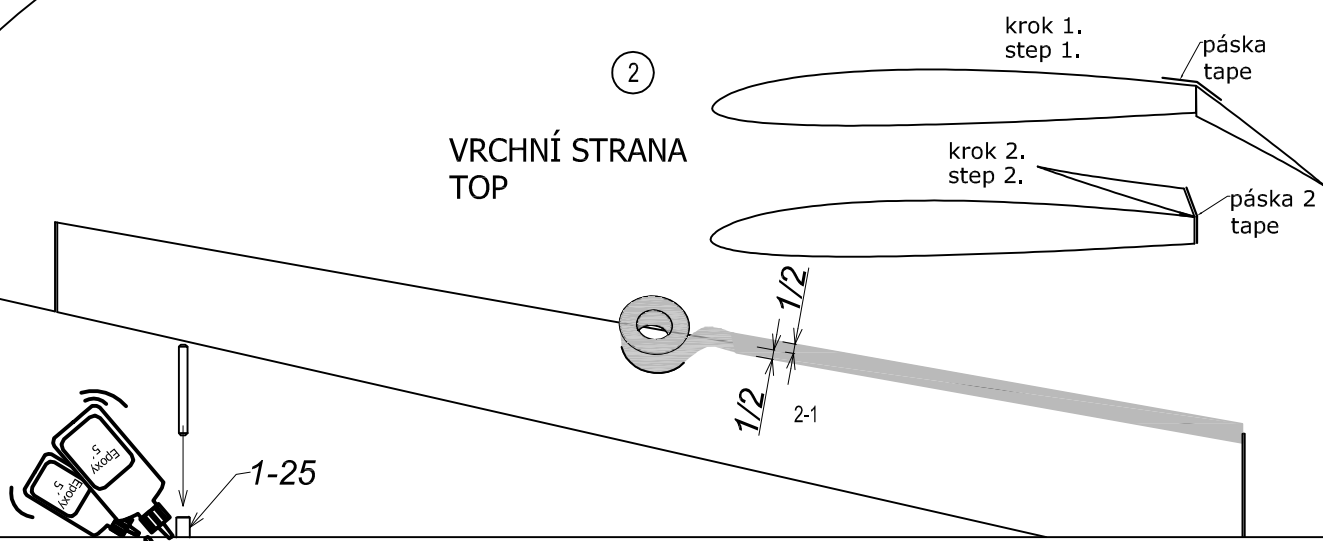
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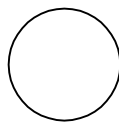
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SPODNÍ STRANA
BOTTOM



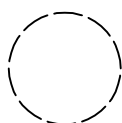
②
VRCHNÍ STRANA
TOP



②



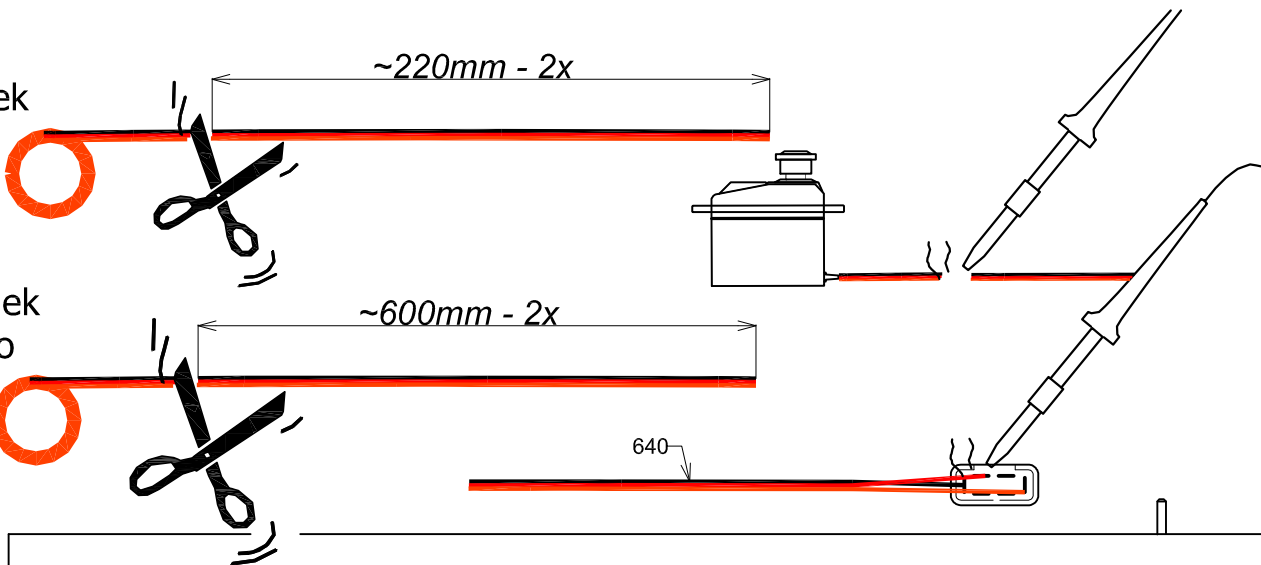
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2-21

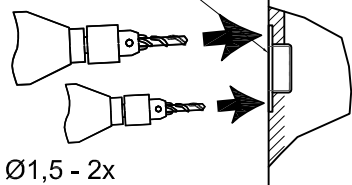


pro servo klappek
for flaps servo



pro servo křidélek
for aileron servo

Nes001



$\varnothing 1,5 - 2x$

2

2

zástrčka
plug

MULTIPLEX 6 PIN - 2x

2

SPODNÍ STRANA
BOTTOM

MULTIPLEX 6 PIN - 2x (L + R)
zástrčka
plug

SPODNÍ STRANA
BOTTOM

2

NEUTRAL

2-4

SPODNÍ STRANA
BOTTOM

2-5

"Z"

2

Ø1,5 pro 2-81
Ø1,5 for 2-81

2-11

2-81

"Z"

2-5

2-6

2-81

"CANON" 15pin

SPODNÍ STRANA
BOTTOM

2

2-41

2-11

"CANON" 15pin

Ω

+

SERVO 1

+ = +

- = -

Ω = Ω

SERVO 2

+ = +

- = -

Ω = Ω

SERVO 3

+ = +

- = -

Ω = Ω

SERVO 4

+ = +

- = -

Ω = Ω

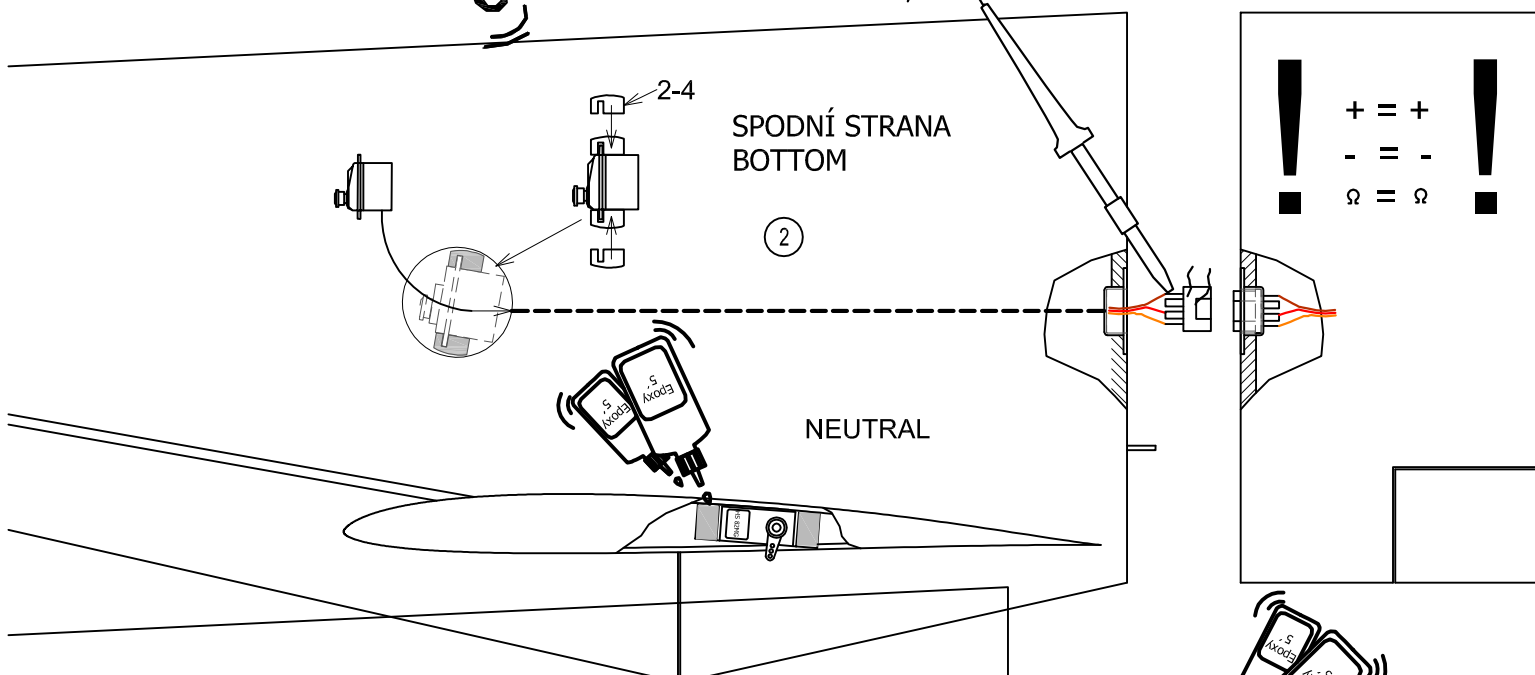
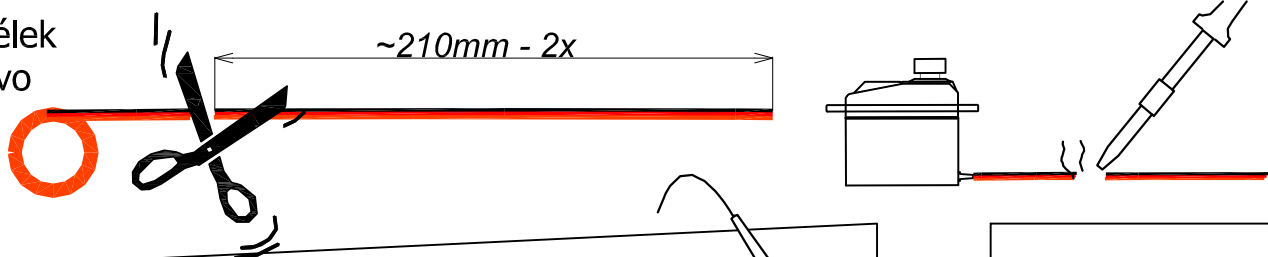
Nes001

Ø1,5 - 2x

2

2

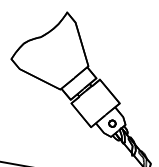
pro servo křidélek
for aileron servo



SPODNÍ STRANA
BOTTOM

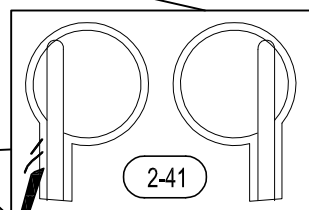
2

2-4

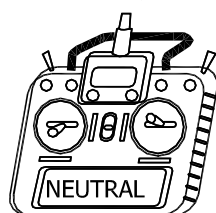


2-1

Ø1,5 pro 2-8
Ø1,5 for 2-8



2-41



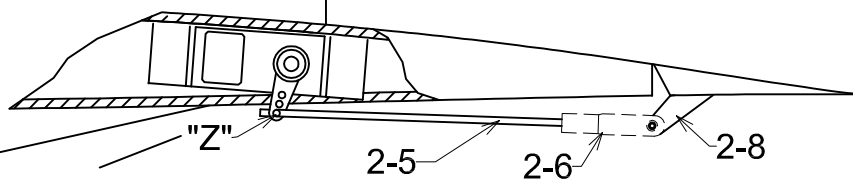
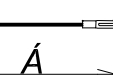
A

2-8

"Z"

2-5

!!! A=Á !!!



2-5

2-6

2-8

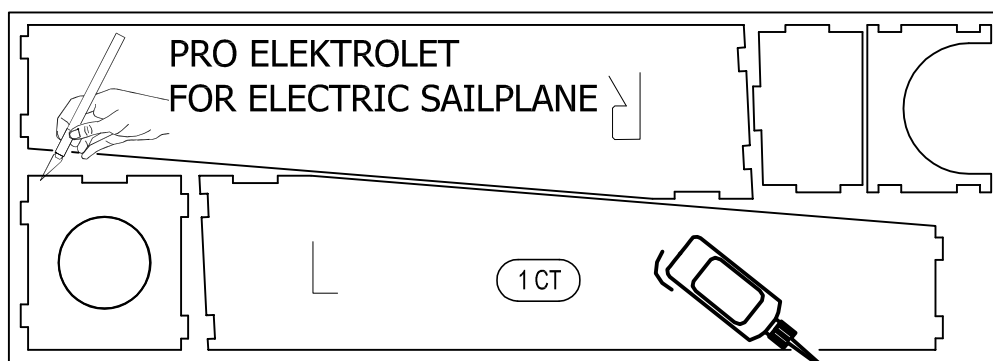
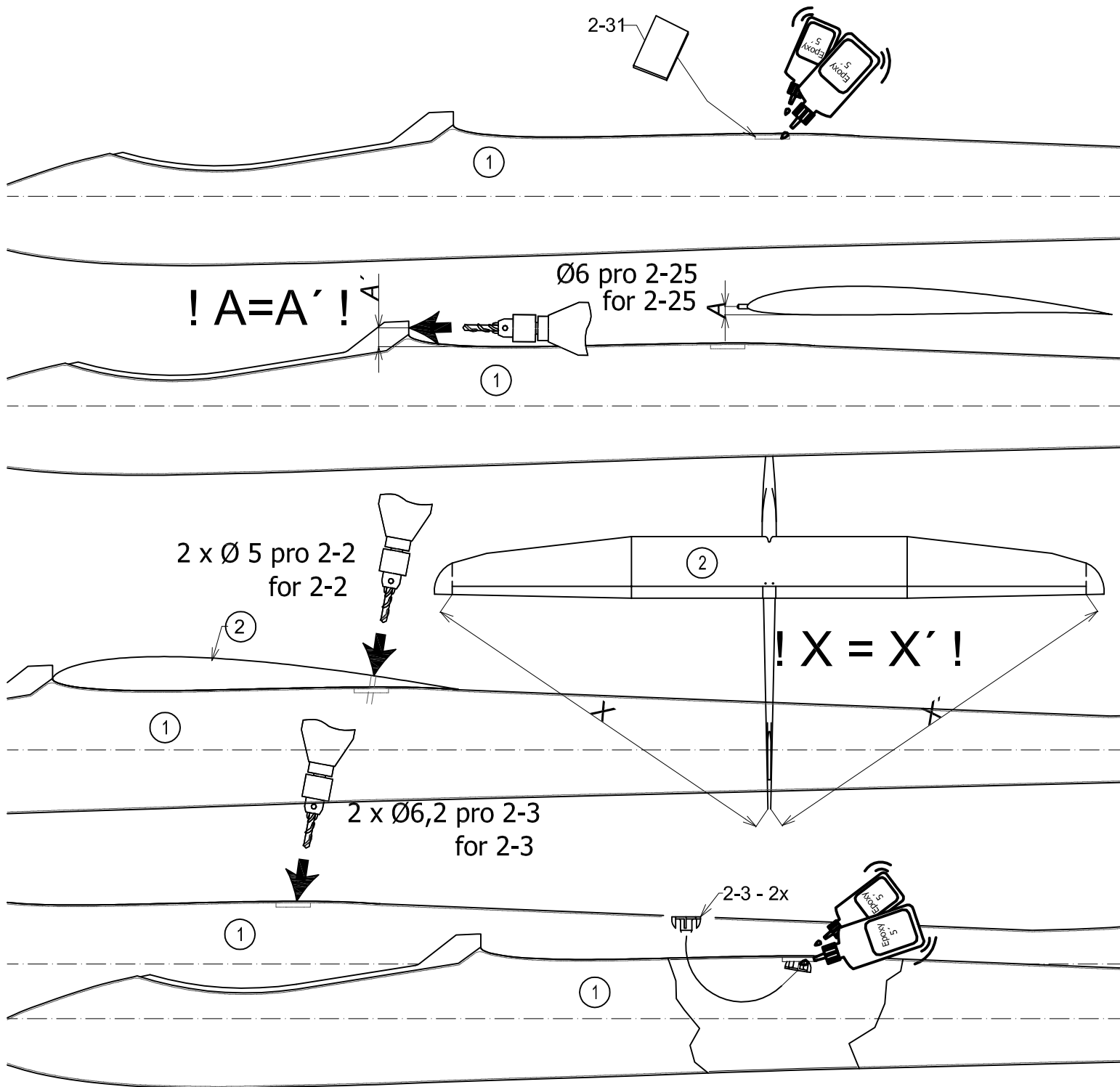
kontaktní lepidlo (Chemopren)
dry-bond adhesive

SPODNÍ STRANA
BOTTOM

2

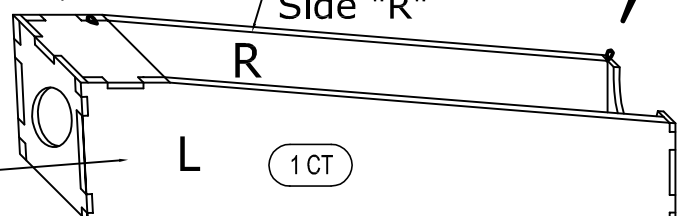


2-41

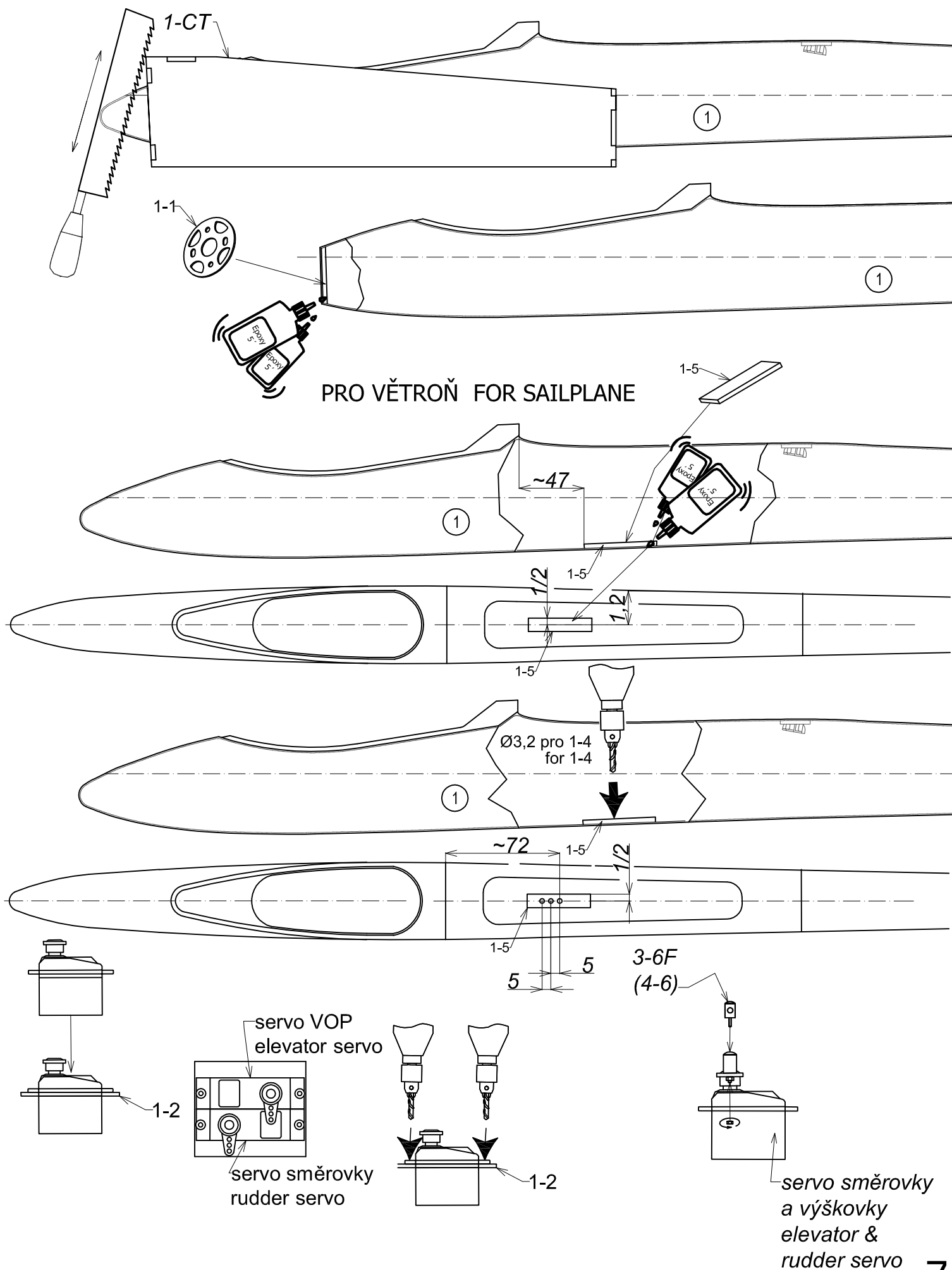


Bočnice "L"
Side "L"

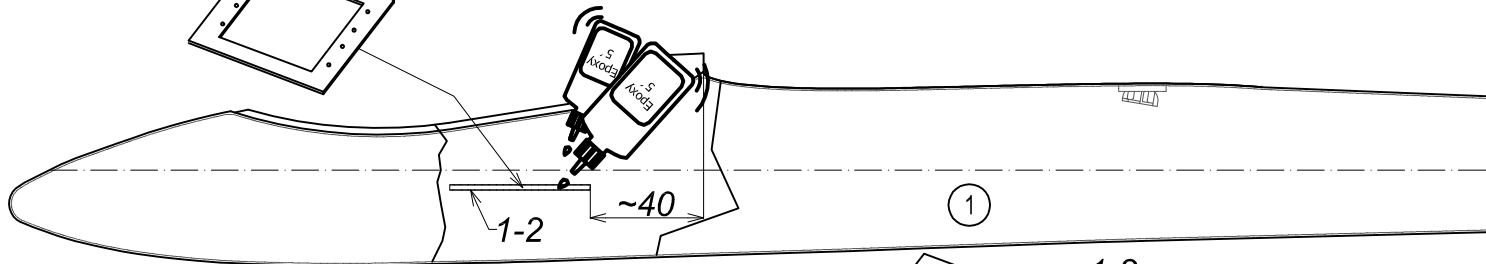
Bočnice "R"
Side "R"



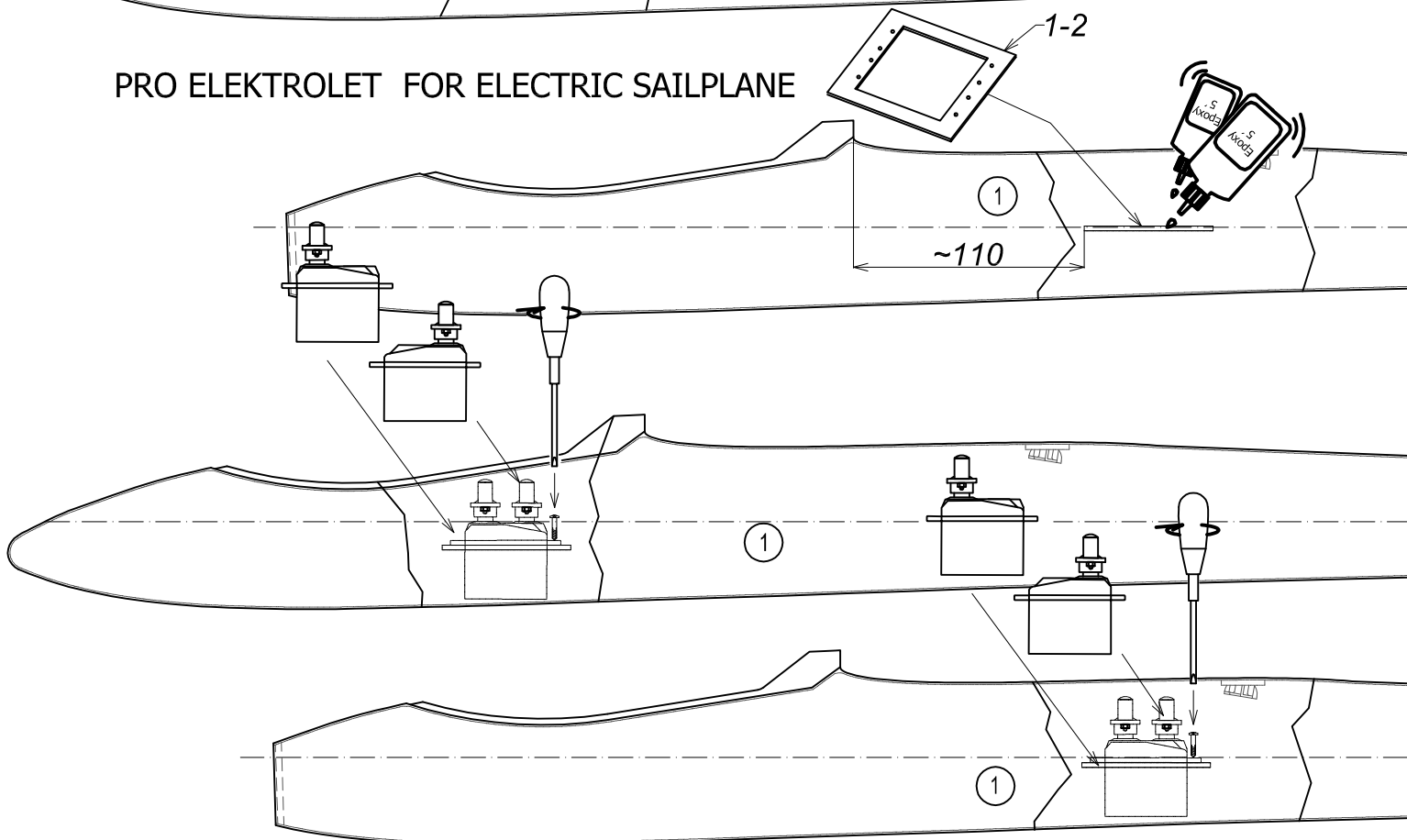
PRO ELEKTROLET FOR ELECTRIC SAILPLANE



1-2 PRO VĚTROŇ FOR SAILPLANE

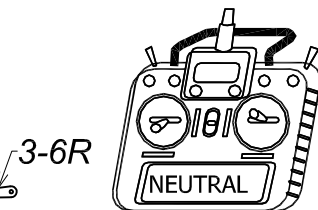
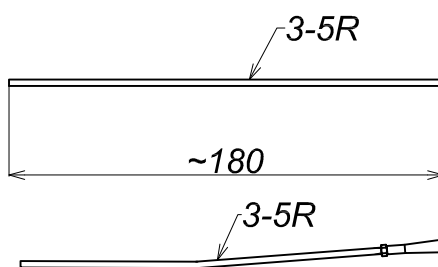
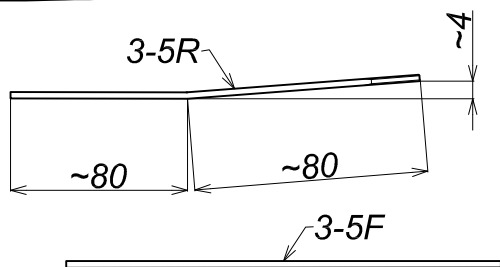
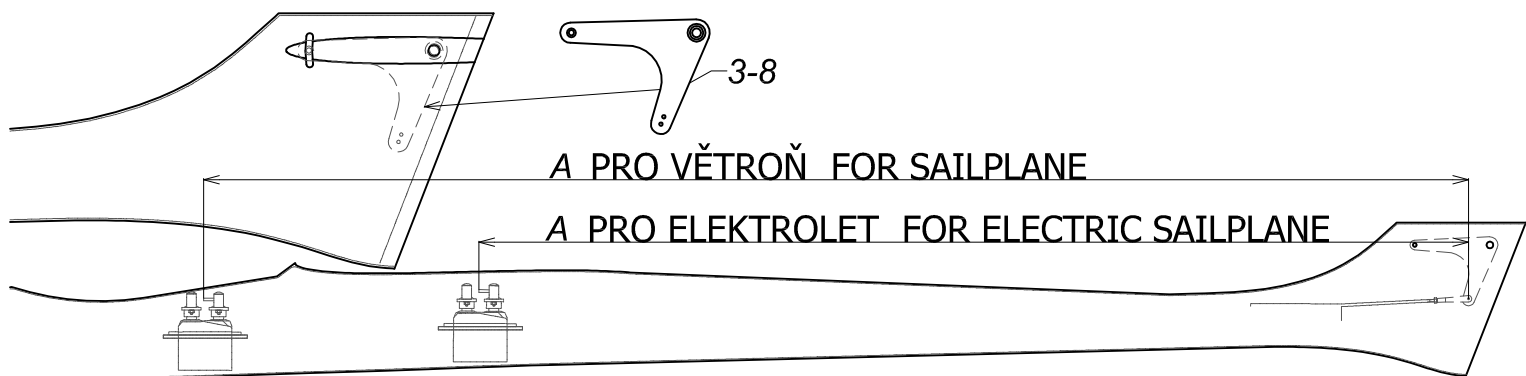


PRO ELEKTROLET FOR ELECTRIC SAILPLANE



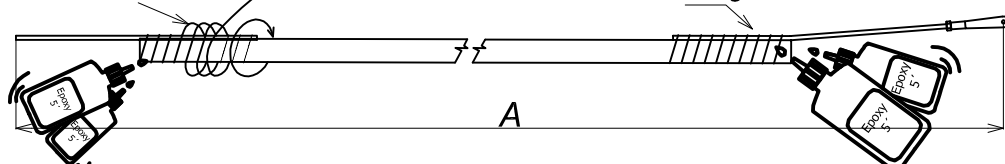
A PRO VĚTROŇ FOR SAILPLANE

A PRO ELEKTROLET FOR ELECTRIC SAILPLANE

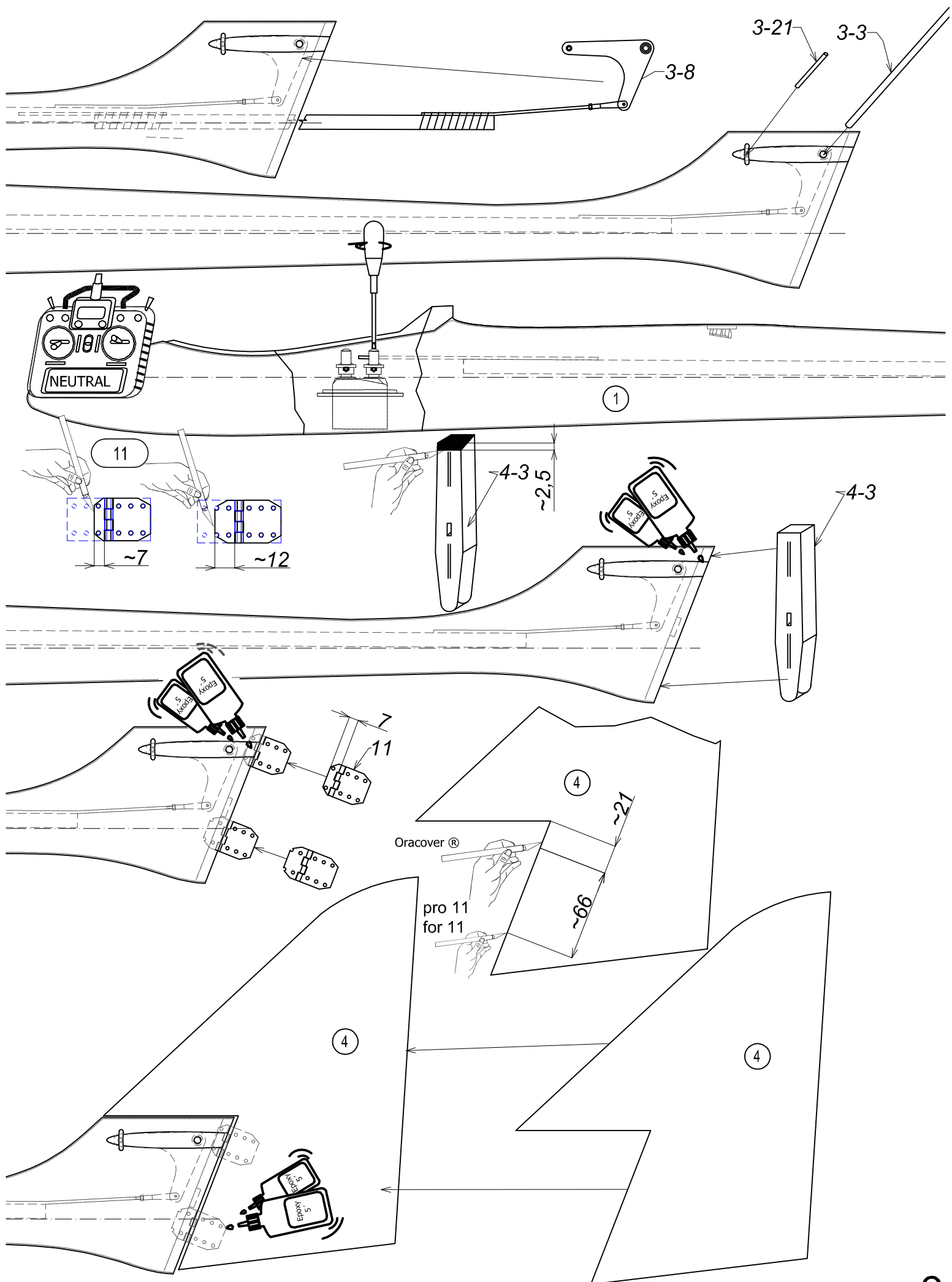


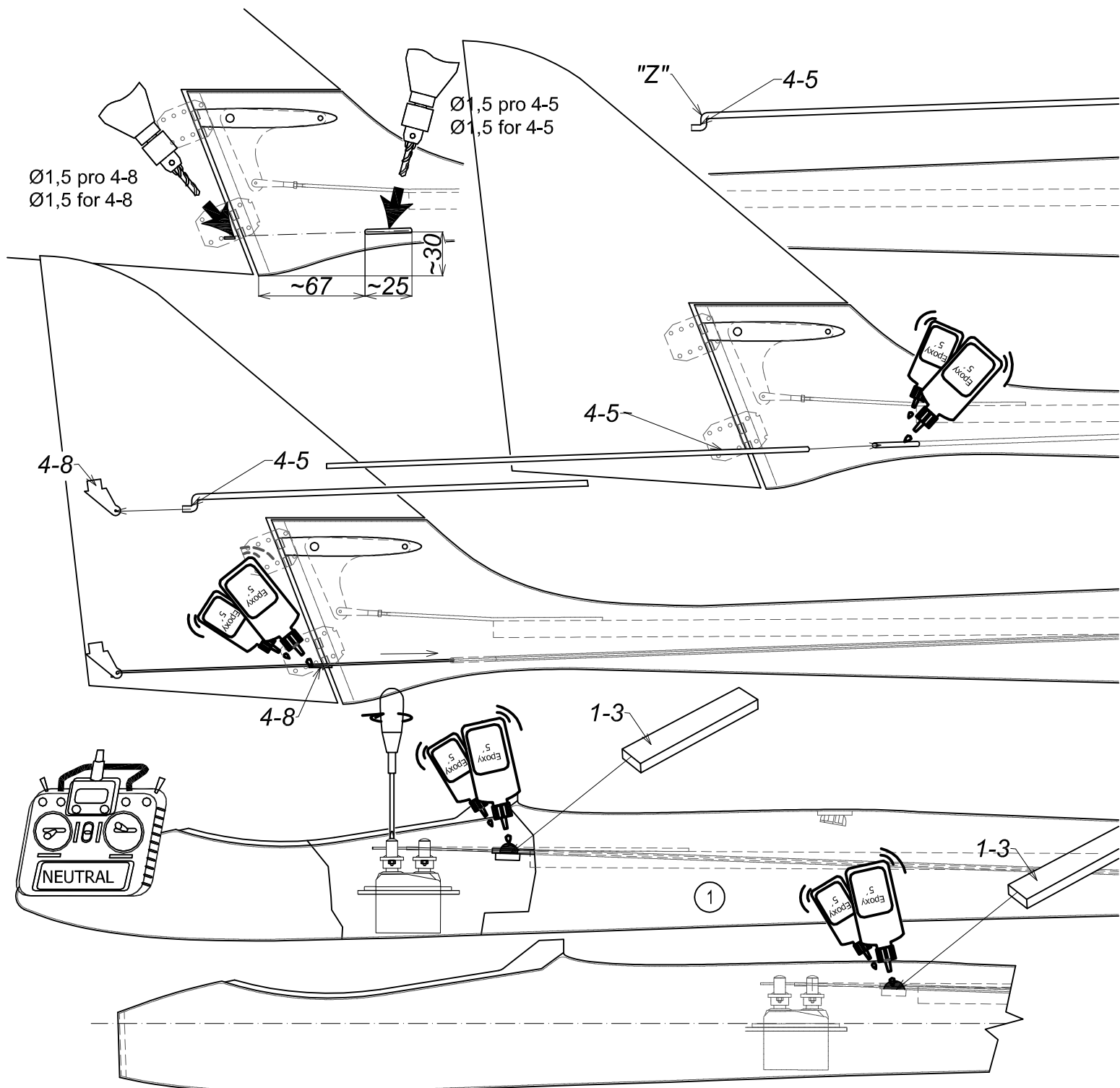
omatat nitř
bind with string

omatat nitř
bind with string

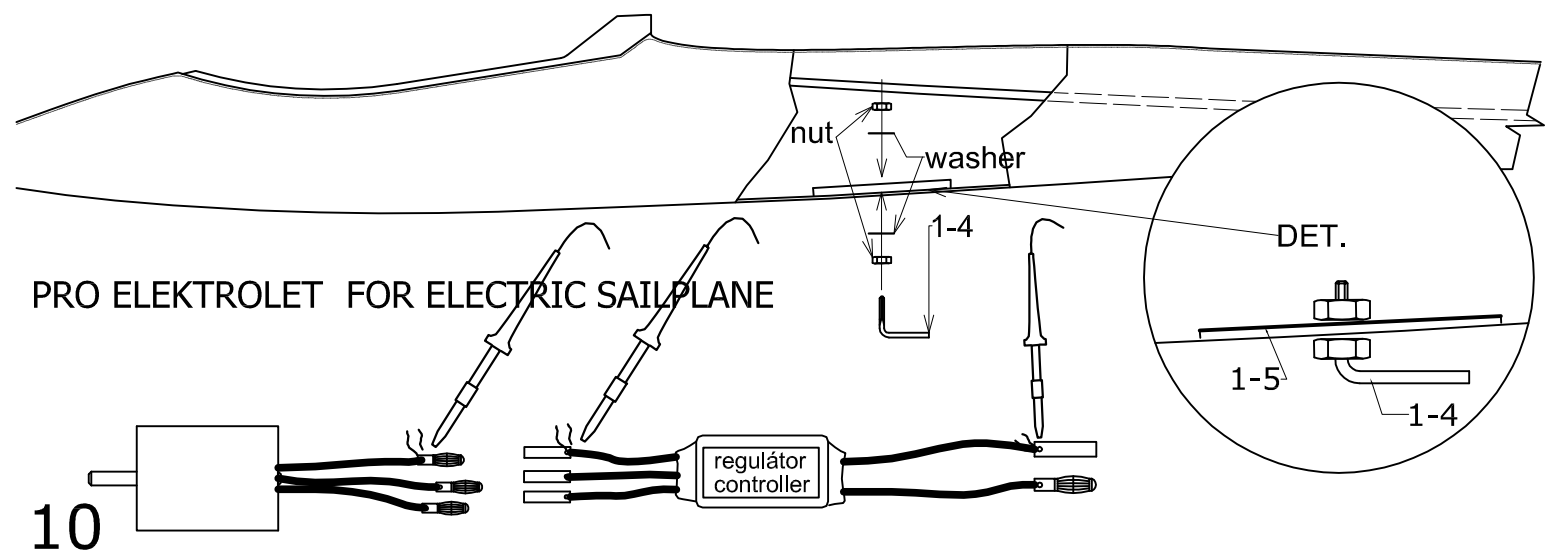


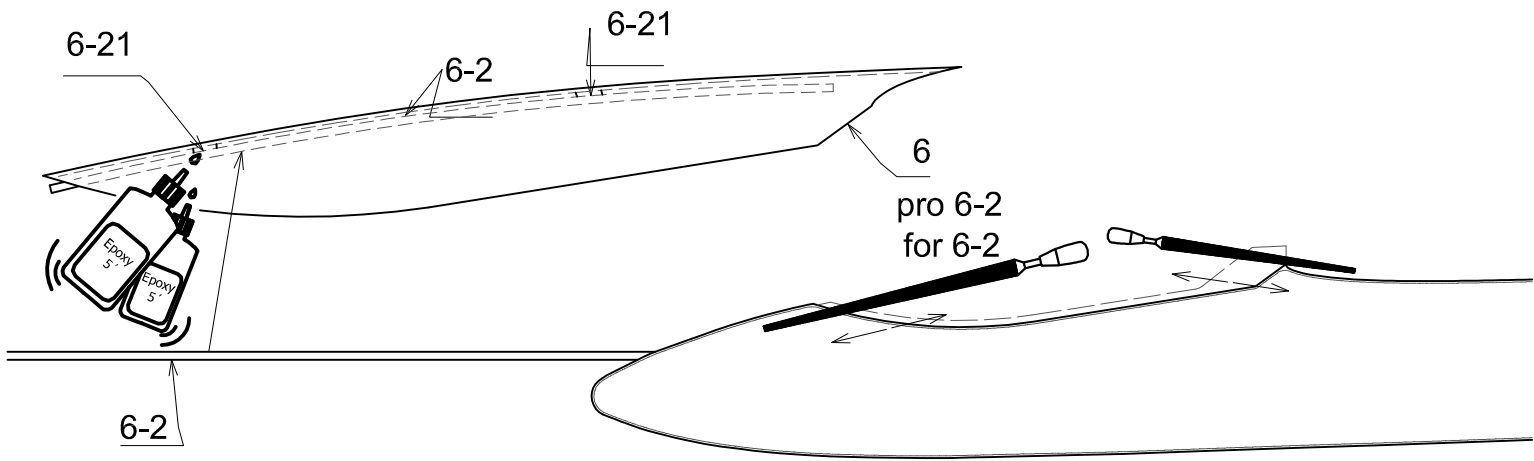
A = A



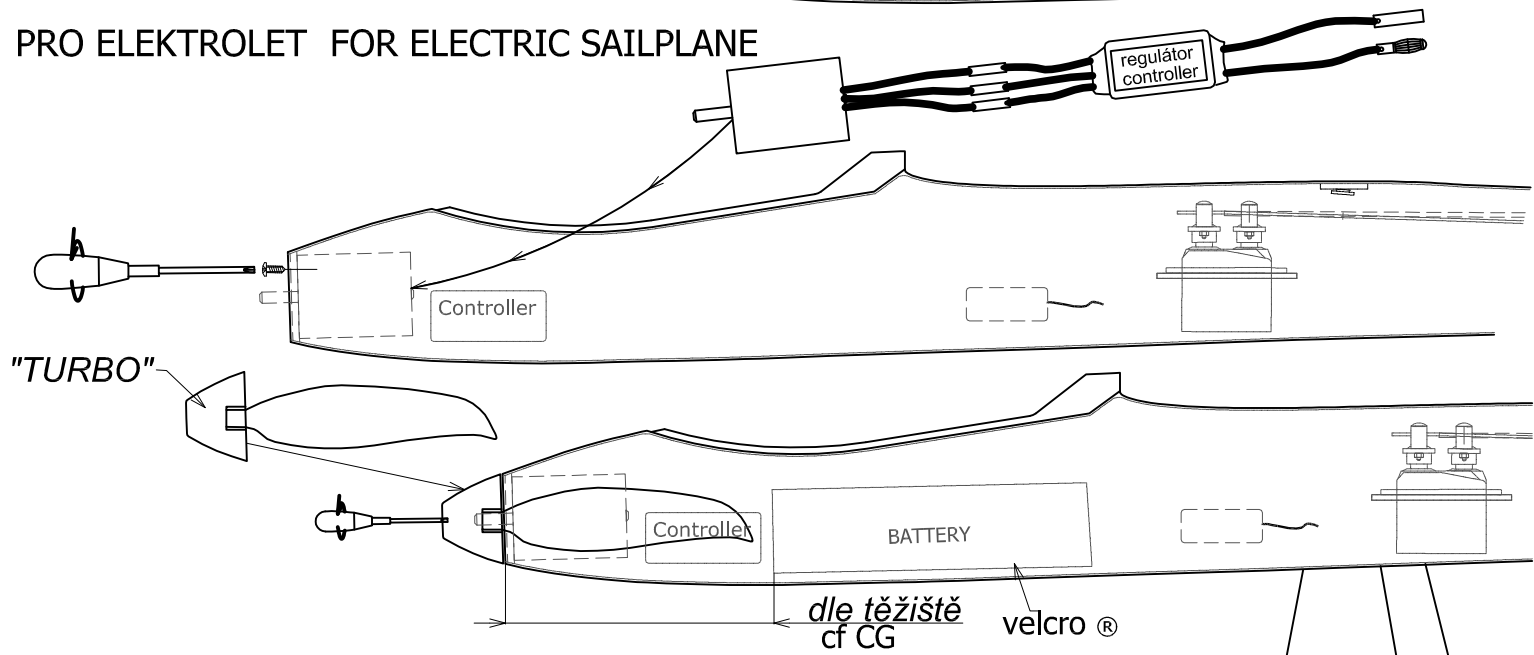


PRO VĚTROŇ FOR SAILPLANE

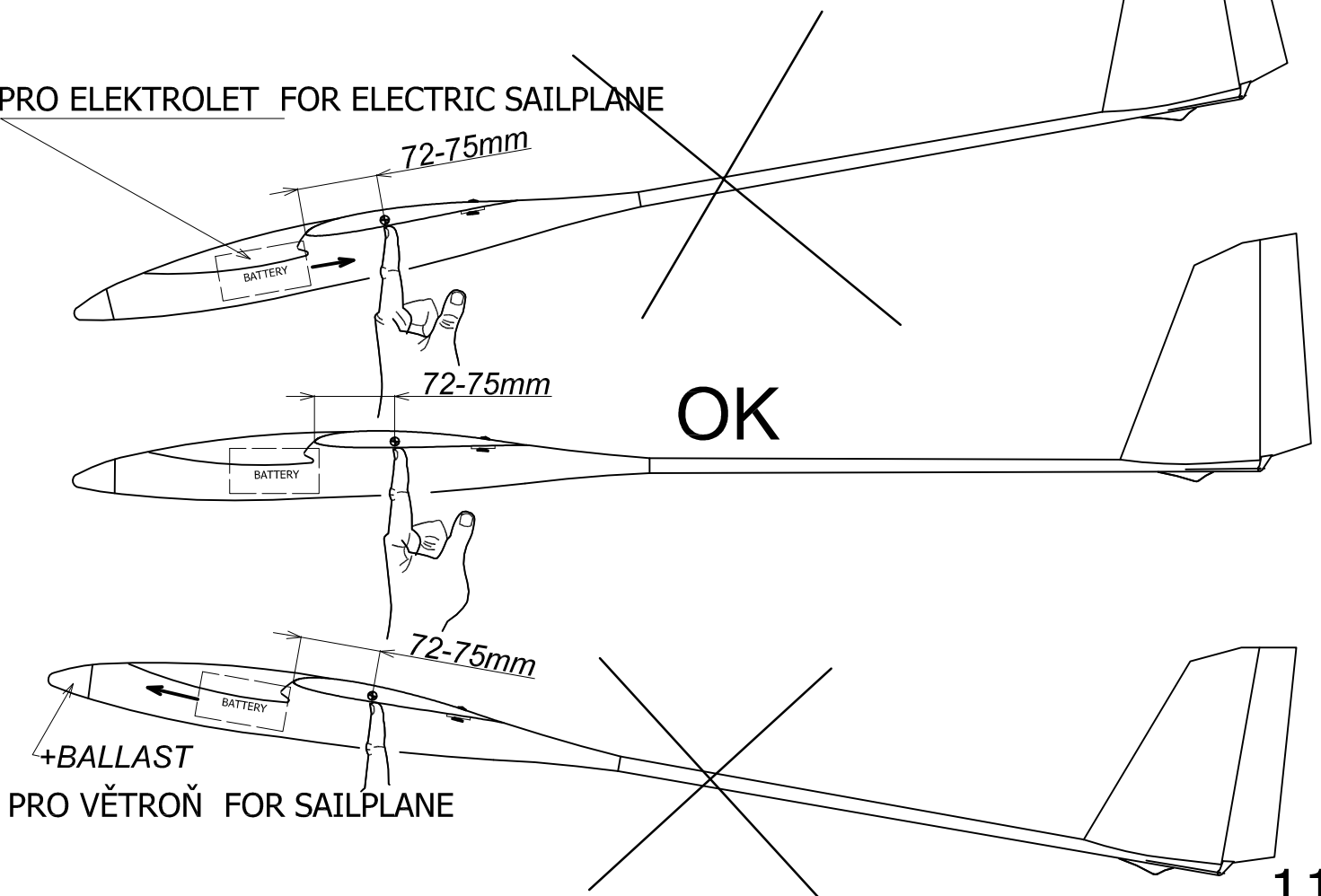




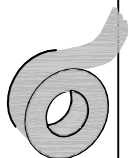
PRO ELEKTROLET FOR ELECTRIC SAILPLANE



PRO ELEKTROLET FOR ELECTRIC SAILPLANE



②



②

Recommended rudder angles:

Ailerons: up 18 °
down 11 °
Elevator: Up 8 °
down 8 °
Rudder: 25 °

Settings for thermal flying:

Ailerons works as flap: down 1-1.5 °
Flap: down 2 °

Settings for landing:

Flap works as airbrakes (for landing): down 80 °
Ailerons works as airbrakes (for landing): up 17 °
Elevator for landing: -5 ° (suppression - compensation of overturning moment for flaps)

RECOMMENDED EQUIPMENT

		Pieces		Item No. www.topmodelcz.cz
transmitter	5 channel			
reciever	6-7 channel			
servo	HS-82MG	4	for ailerons & flaps	1HI7297
	HS-485HB	2	for elevator & rudder	1HI3085
motor	MVVS 3,5/960	1		2045
controller	SPIN 44	1		1RC23203
spinner	turbo Ø40;5;8	1		0201559
propeller	CAM Carbon 12x6,5"	1		723446
battery	Hyperion G3 VX-3S 2950mAh	1		HP-LG335-2950-3S