

PRZEDSIĘBIORSTWO DOŚWIADCZALNO-PRODUKCYJNE SZYBOWNICTWA

"PZL-BIELSKO"

BIELSKO-BIAŁA

S P A R P A R T S C A T A L O G U E

S Z D - 5 5 - 1

Issue I , August 1991

Translated by

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1. Instruction for use the catalogue.

On the Figs 100, 200, 300, 400, 500 and 600 all the sailplane sets (except of instrument panel equipment, transceiver and oxygen equipment) are presented.

Sets and elements replaceable by means of typical tools have been marked on the drawings with catalogue numbers. The sets and details glued in between the shell layers or glued on have not been taken into account. The normal joining elements (screws, washers, nuts, split-pins) have not been specified also. The symmetrical elements (left-right) have the separate catalogue numbers.

Two separate design of wheel brake and its control system are shown. In the specification (remarks) the Fact. Nos have been listed to which the particular version applies.

2. Procedure of ordering the spar parts.

2.1. When ordering the spar parts it should be listed

1. Sailplane type.
2. Fact. No.
3. Catalogue No of part.
4. Designation of part.
5. Amount of ordered pieces.

The very important information is the Factory No, since during the production some modifications could be introduced.

2.2. When ordering the parts not listed in the specification apart of the type and Fact. No of the sailplane the copy of applicable drawing (100+600) with the ordered part marked should be sent.

2.3. The details of major sets e.g. pedals can be ordered with the type, Factory No of sailplane and description with the sketch or photograph of the element (if it is not possible to mark on the assembly drawing copy).

2.4. When ordering the normal element apart of type and Fact. No of the concerned sailplane the details which are connected with these normal parts and their catalogue Nos should be listed as well.

2.5. In case of ordering the parts which are glued in to the sailplane structure shells the directions for assembling them will be forwarded together.

CAT NO	DESIGNATION OF PART	PART NO	REMARKS
101	Cross (with screw)	550.45.15.00 item 9+10	
102	Lever (complete with axle)	550.45.15.00 item 7+8+11+16	
103	Instrument panel cover	551.46.20.00	
104	Tension member (complete)	550.60.00.00/2 item 30+66+67+68	
105	Special screw	551.46.16.00	
106	Instrument panel	550.46.10.00 item 3+5+9+15+16+22	without openings for tools
107	Spring	550.67.14.00	
108	Threaded sleeve	550.67.17.00	
109	Washer	550.60.00.00/2 item 29	
110	Hand-grip	550.60.00.00/2 item 65+80	
111	Hand-grip	550.60.00.00/1 item 64+65	
112	Grip	551.49.12.00	
113	Push-rod	550.49.11.00	
114	Hand-grip - right	550.45.14.00 P item 5+10	
115	Side pocket	550.40.60.00 item 10	
116	Canopy lock - right	550.45.14.00 P	
117	Push-rod No 2	550.61.13.00	
118	Undercarriage control push-rod	550.68.10.00	
119	Control column cover	551.40.23.00	

CAT NO	DESIGNATION OF PART	PART NO	REMARKS
120	Lever	550.61.12.00	
121	Pulley	550.61.65.00	
122	Control column	551.61.60.00	
123	Control stick	550.61.61.00	
124	Push-rod No 1	550.61.11.00	
125	Drainage	550.46.00.00 item 25	
126	Instrument panel base	550.46.00.00 poz. 1+2+10+14+17+	
127	Broached cable tension member	550.65.11.00	
128	Tension member	550.60.00.00/1 item 59+63	
129	Bracket	550.65.16.00	
130	Connector	550.65.66.00 20+23+26	
131	Spliced tension member	550.40.00.00 item 31	
132	Band	550.40.00.00 item 32+33	
133	Gas spring	550.40.00.00 item 24	
134	Pedals - set	550.60.00.00/1 item 1	

CAT NO	DESIGNATION OF PART	PART NO	REMARKS
201	Canopy lock - left	550.45.14.00 L	
202	Hand-grip - left	550.45.14.00 L item 5+9	
203	Lock	CT.05.01.04	
204	Canopy window	550.45.00.00 item 18	
205	Airbrake push-rod	550.64.10.00	
206	Air condition control	550.60.00.00/2 item 28+82	up to Fact. No 551190006
207	Air condition stepless control	550.60.00.00/2 item 59+82	from Fact. No 551190007
208	Hand-grip	550.60.00.00/2 item 64+81	
209			
210			
211	Tension member	550.60.00.00/2 item 30+63	in case of c.g. hook only
212	Tension member	acc. to 551.67.25.00	in case of front and c.g. hook
213	Bracket with roll	550.67.17.00	
214	Screw with lug	550.67.18.00	
215	Special washer	550.67.19.00	
216	Canopy	550.45.00.00	
217	Throttle	550.51.13.00	
218	Axle with lever	550.51.11.00	
219	Spring	550.51.12.00	

CAT NO	DESIGNATION OF PART	PART NO	REMARKS
220	Tension member	550.51.15.00	
221	Electrical bonding end	551.67.21.00	
222	TOST E hook		
223	Front hook arm	551.67.23.00	
224	Inspection hole cover	551.67.26.00	
225	Grip	551.46.24.00	
226	Control column bracket	550.61.63.00	
227	Bowden's nest	551.63.13.00	
228	Funnel	550.40.00.00 item 49	
229	Gaiter	551.40.65.00	
230	Elevator control push-rod	550.66.05.00	
231	Brake lever	550.64.11.00	up to Fact. No 551191025
232	Brake tension member	550.58.18.00	up to Fact. No 551191025
233	Reeved abdomen belts	550.40.00.00 item 22	
234	Tension member	550.63.12.00 + 550.63.17.00	
235	Seat pillow	550.40.60.00 item 3	
236	Upholstery of inner shell	550.40.60.00 item 1	

CAT NO	DESIGNATION OF PART	PART NO	REMARKS
301	Back belts with locking clamp	550.40.00.00 item 21	
302	Pilot's rest version II	550.44.70.00/1	without cat No 303, 307, 308, 337
303	Spring	550.44.75.00	
304	Wall	551.40.67.00	
305	Cover	550.40.62.00	
306	Rest pillow	551.40.66.00	
307	Bracket	550.44.71.00	
308	Rest pillow	550.44.72.00	
309	Head pillow - single	550.40.63.00	
310	Head pillow - 2 steps	550.40.63.00	
311	Head pillow - pneum. controlled	550.44.73.00/2	
312	Tube	550.44.10.00	
313	Pivot (front)	550.44.11.00	
314	Lever	550.49.16.00	
315	Water ballast control torque tube	550.49.10.00	
316	Safety pin	550.00.10.00 item 9	
317	Bracket	550.49.17.00	
318	Valve tension member	550.44.90.00 item 6+7	
319	Airbrake torque tube	550.64.15.00	up to Fact. No 551191025

CAT NO	DESIGNATION OF PART	PART NO	REMARKS
320	Inspection hole cover	551.40.41.00	
321	Pivot (rear)	550.44.12.00	
322	Screw with grip	550.44.92.00	
323	Tube fixing	551.61.70.00	
324	Aileron control torque tube	550.61.14.00	
325	Push-rod (with bearings)	550.60.00.00/1 item 44+45	
326	Spring (rear)	551.58.52.00	
327	Hub 350/400 A	550.60.00.00/2 item 31	up to Fact. No 551191025
328	Wheel axle	550.58.36.00	up to Fact. No 551191025
329	Brake lever	550.58.10.00	up to Fact. No 551191025
330	Undercarriage leg	550.58.20.00	up to Fact. No 551191025
331	Axle	550.67.07.00	
332	TOST G hook	550.60.00.00/2 item 35	
333	Lever arm	551.67.22.00	
334	Spring (front)	551.58.53.00	
335	Hook cover	550.67.08.00	
336	Undercarriage housing cover (right)	551.58.50.00 P	with hinges
337	Rest lock version II	551.44.93.00	

CAT NO	DESIGNATION OF PART	PART NO	REMARKS
401	Control lever	550.68.25.00	
402	Dog lever	550.68.29.00	
403	Airbrake torque tube	550.64.15.00	from Fact. No 551191026
404	Push-rod (with bearings)	550.60.00.00/1 item 43+45	
405	Locking arm	550.68.26.00	
406	Buffer sleeve	550.68.28.00	
407	Gas spring	550.60.00.00/2 item 38	
408	Push-rod (with bearing)	550.60.00.00/2 item 37+72	
409	Spring (rear)	550.63.20.00	
410	Locking mechanism	550.63.10.00	without cat. No 234
411	Spring (front)	550.63.20.00	
412	Clamp	550.63.18.00	
413	Hinge axle	550.68.22.00	
414	Hinge screw	550.68.23.00	
415	Special washer	550.68.30.00	
416	Adjusting screw	550.68.24.00	
417	Front leg	550.58.20.00	from Fact. No 551191026 without cat No 413 & 416
418	Adjusting fitting	550.58.47.00	
419	Tyre and tube 350x135	550.60.00.00/2 item 34	

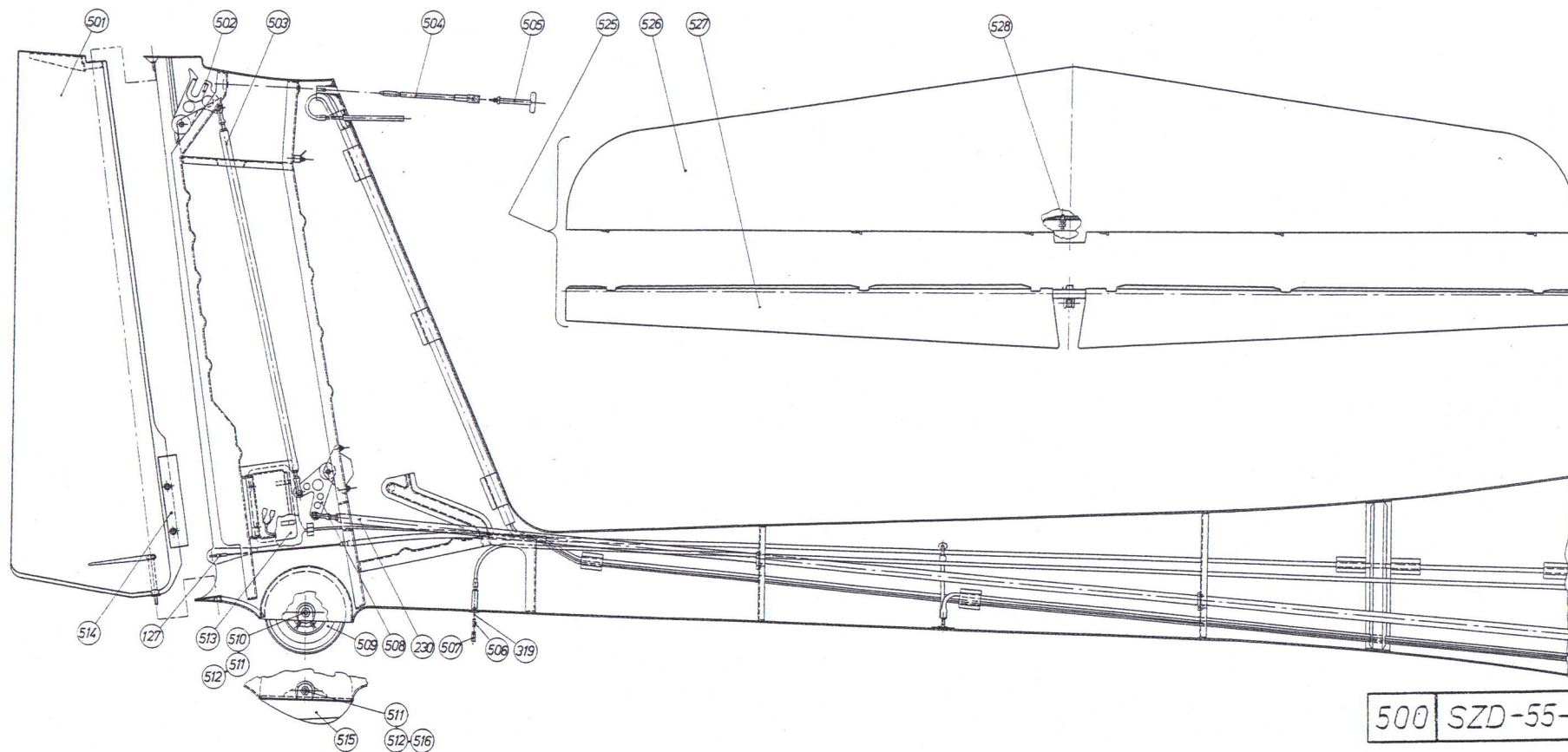
CAT NO	DESIGNATION OF PART	PART NO	REMARKS
420	Tension member spring	551.58.68.00	from Fact. No 551191026
421	Wheel brake tension member, version II	551.58.63.00	from Fact. No 551191026
422	Hub 350/400 A	550.60.00.00/2 item 31	from Fact. No 551191026
423	Wheel axle version II	551.58.65.00	from Fact. No 551191026
424	Threaded sleeve	550.60.00.00/2 item 32	
425	External sleeve	550.60.00.00/2 item 33	
426	Axle screw	551.58.66.00	from Fact. No 551191026
427	Spring	550.60.00.00/2 item 12	
428	Wheel brake lever	551.58.62.00	from Fact. No 551191026
429	Connector	550.58.35.00	
430	Screw	551.58.32.00	
431	Rear undercarriage leg	550.58.30.00	without cat. No 401, 413, 416, 435
432	Adjusting fitting	550.58.49.00	
433	Spring	550.68.27.00	
434	Undercarriage housing cover (left)	551.58.50.00 L	with hinge
435	Axle	550.68.20.01	on side of lever cat. No 401
436	Driving screw	550.68.21.00	on side of lever cat. No 401

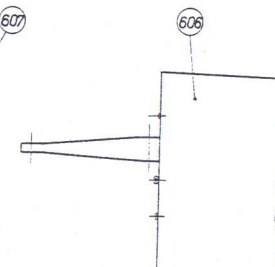
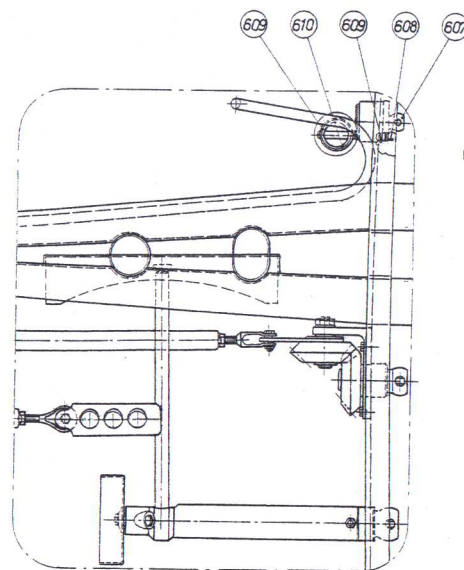
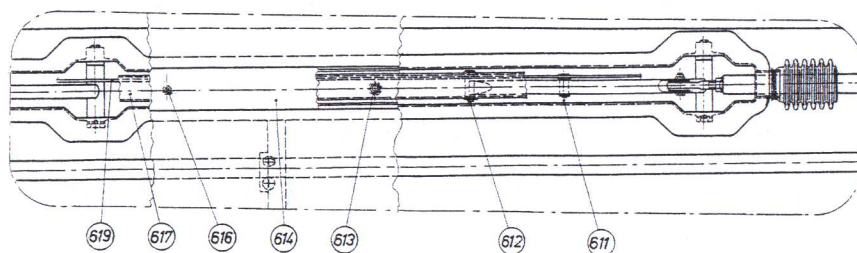
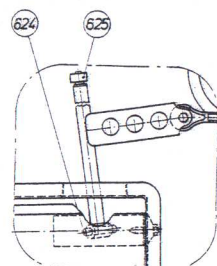
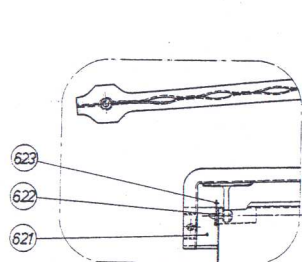
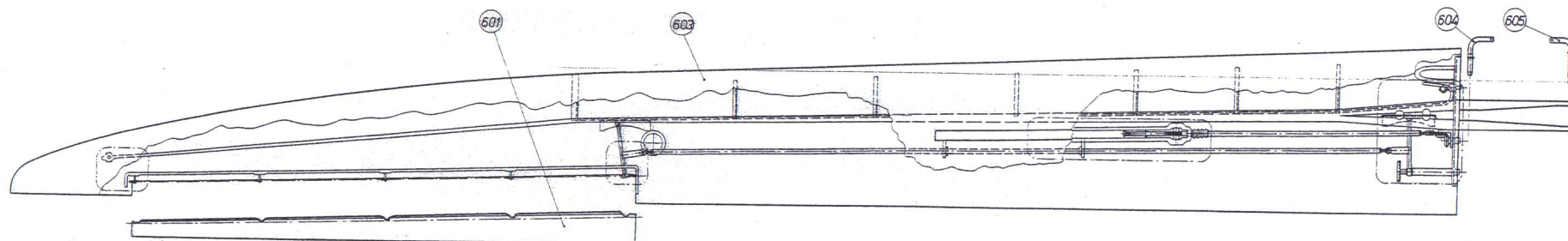
CAT NO	DESIGNATION OF PART	PART NO	REMARKS
501	Rudder	550.75.00.00	together with cat. No 514
502	Upper lever	550.66.09.00	
503	Push-rod	550.60.00.00/1 item 29	
504	Fitting bolt	551.44.16.00	
505	Handwheel	551.04.02.00	
506	Spring	550.44.90.00 item 8	
507	Piston	550.44.90.04	
508	Lower lever	550.66.07.00	
509	Wheel 200x50	550.40.00.00 item 15	
510	Reduction sleeve	550.59.11.00	
511	Rear wheel axle	550.59.12.00	
512	Nut	551.58.53.00	
513	Inspection hole cover	551.40.59.00	
514	Balancing weight	550.75.17.00	
515	Tail skid	551.80.15.00	
516	Sleeve	551.80.15.00 item 4	
517			
518			
519			

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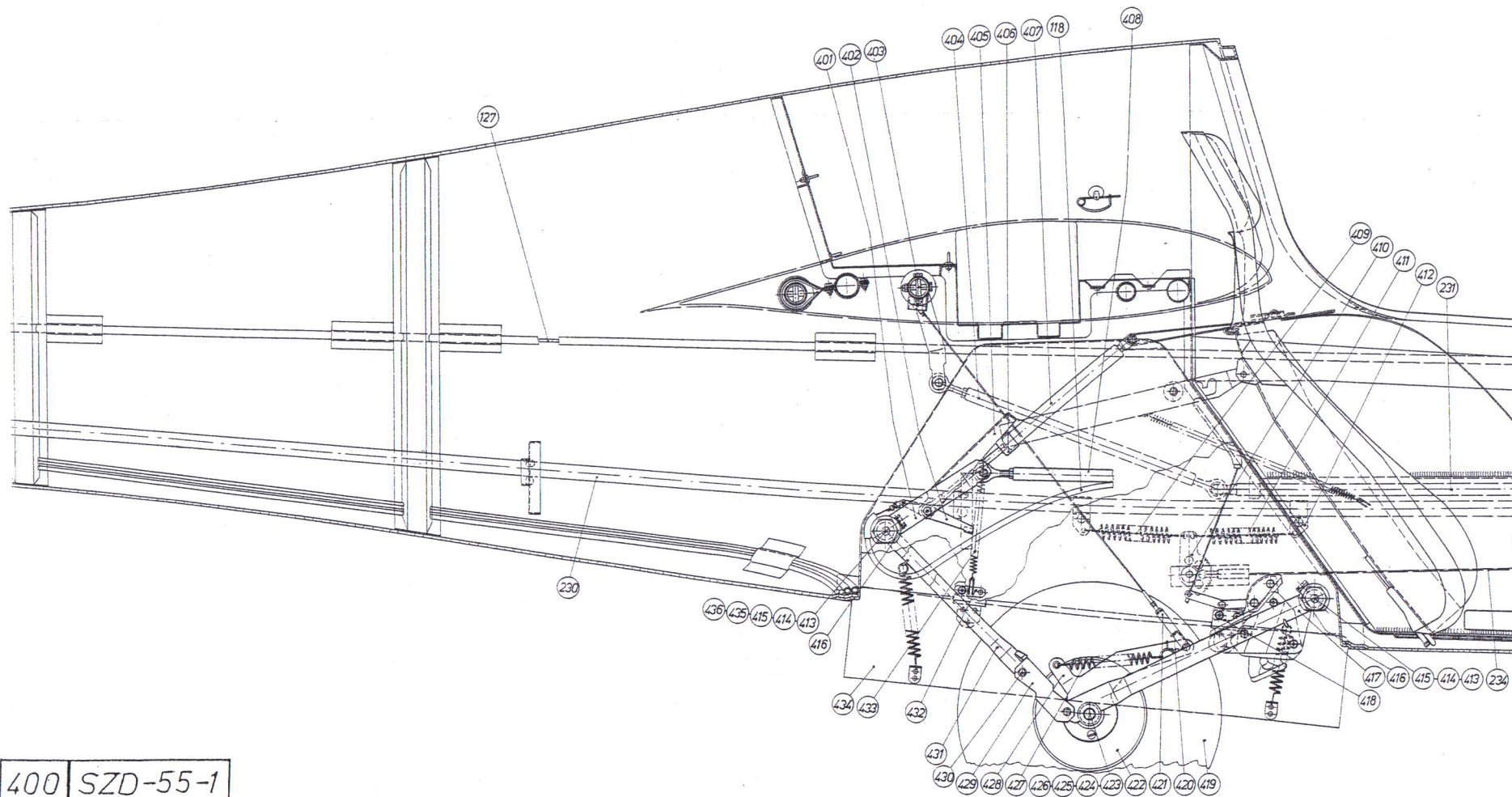
CAT NO	DESIGNATION OF PART	PART NO	REMARKS
601	Left aileron	551.21.00.00 L	
602	Right aileron	551.21.00.00 P	
603	Left wing - complete	551.10.00.00 L	together with cat. No 601
604	Spar bolt (left)	550.14.11.00	
605	Spar bolt (right)	550.14.10.00	
606	Right wing - complete	551.10.00.00 P	together with cat. No 602
607	Driving excentre	551.14.33.00	
608	Spring ring	551.10.10.00 L/1 item 29	
609	Sealing ring	551.10.10.00 L/1 item 34	
610	Plug	550.14.31.00	
611	Special bolt (short)	550.24.23.00	
612	Special bolt (long)	550.24.22.00	
613	Pressing screw ϕ 12	551.10.00.00 L/1 item 14	
614	Cap (left)	551.24.20.00 L	
615	Cap (right)	551.24.20.00 P	
616	Pressing screw ϕ 8	551.10.00.00 L/1 item 15	
617	Outer airbrake plate (left)	551.24.10.00 L	
618	Outer airbrake plate (right)	551.24.10.00 P	
619	Inner airbrake plate (left)	550.24.11.00 L	

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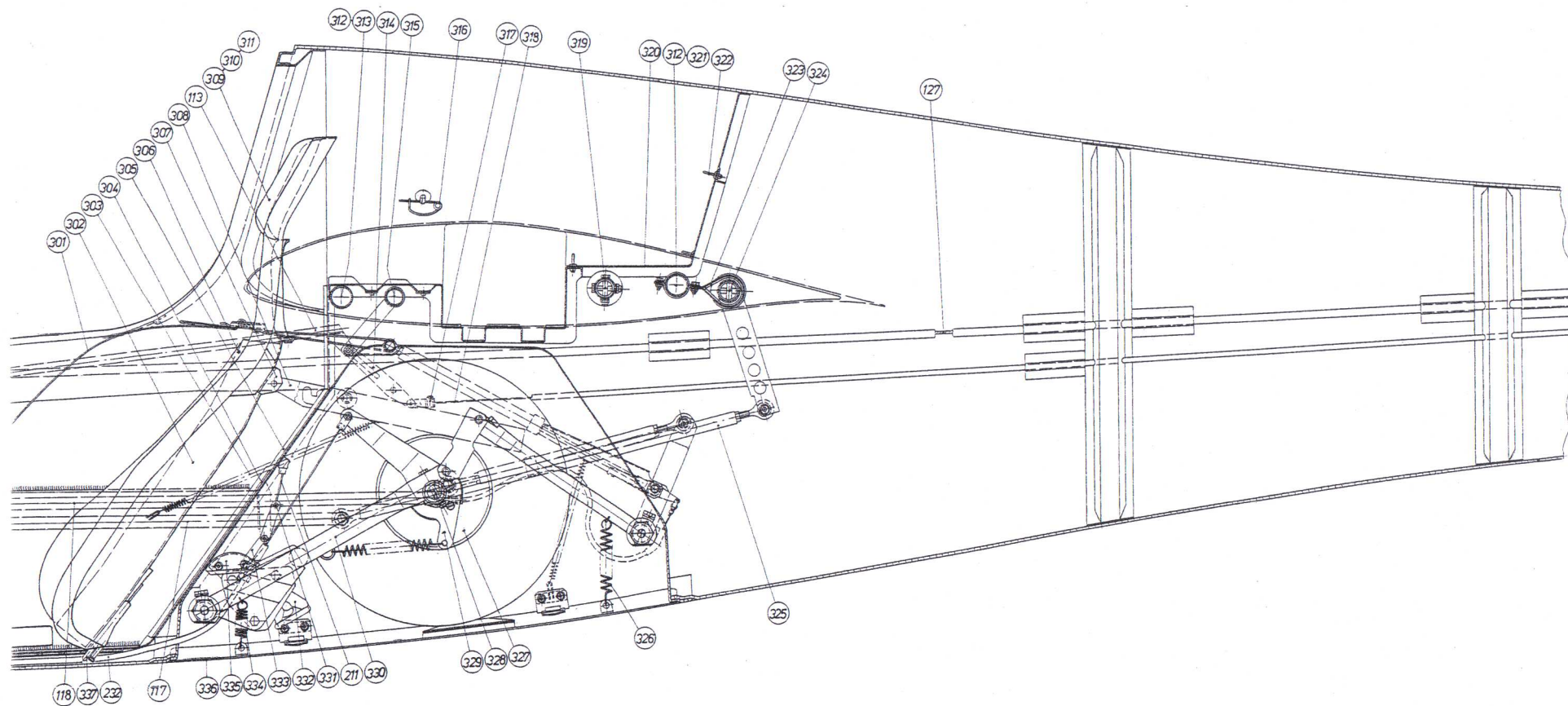


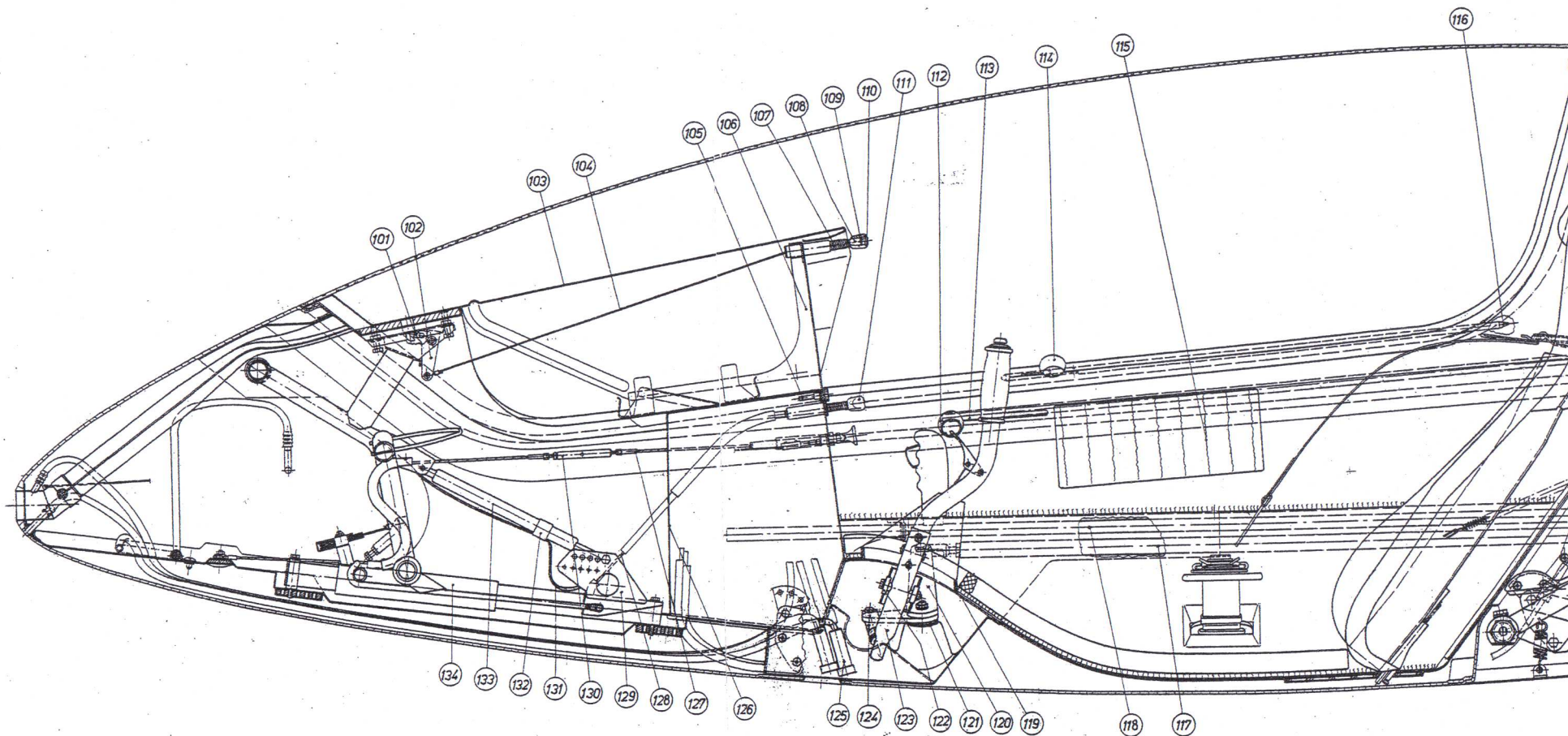


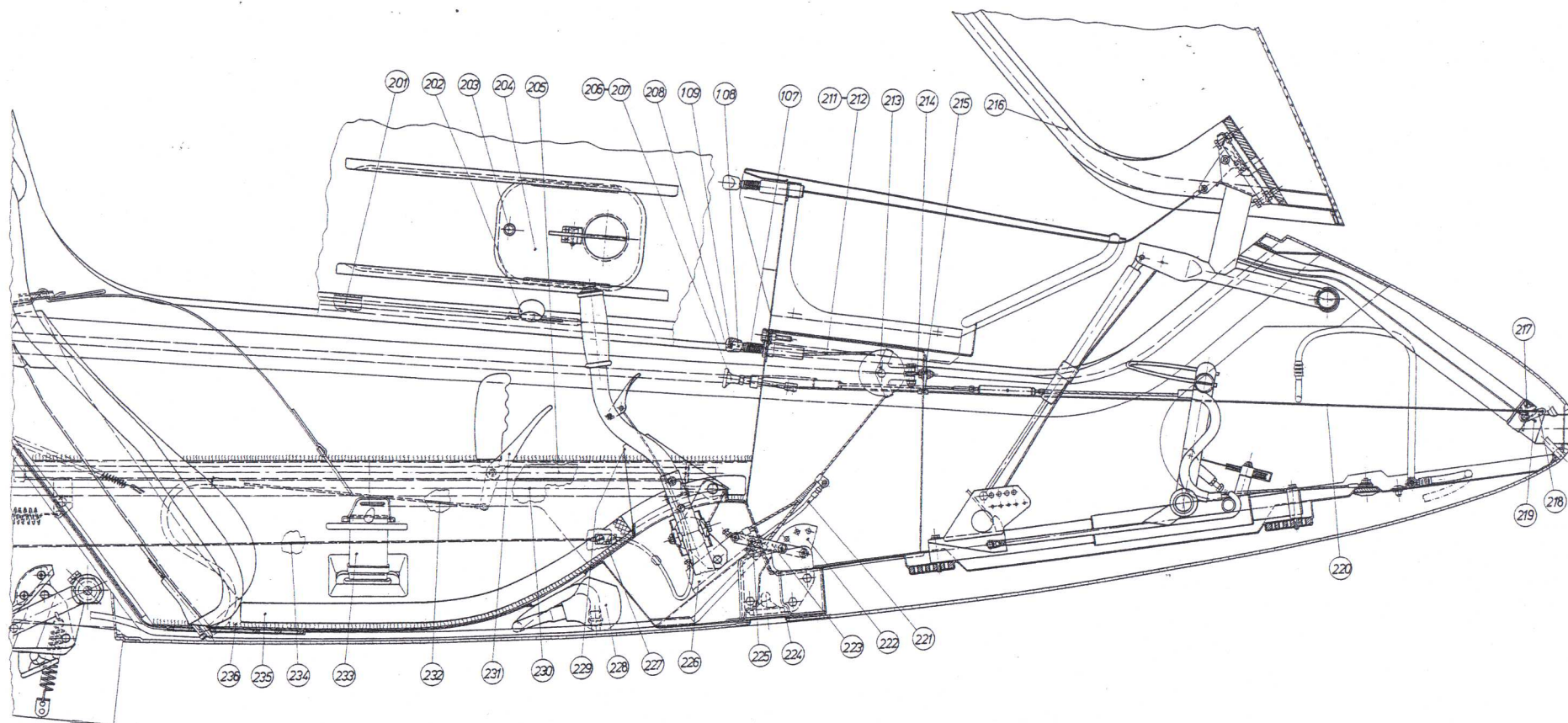
600 SZD-55-1



400 SZD-55-1







200 SZD-55-1