

	Service bulletin	Doc. No. 017.23.002
		Revision 0
		Date: 2023-06-22
"SA ir Ko" EASA.AP160	Airbrake blades inspection and modification	Page 1 of 4

Subject: Inspection of the lower airbrake blades bushings and replacement of washers.

Applicability: LAK-17A FES – all serial numbers;
LAK-17C FES – all serial numbers up to sn 309.

Urgency: This bulletin must be accomplished within 90 days after publication.


Reason: In case of glue failure, the lower blade of the airbrake may be pushed out of the fixing screw due to air pressure (Figure 1). The washer with bigger outside diameter (Figure 2b) would prevent the blade from separating from its supporting structure.

Actions:

1. Inspection. Remove the lower airbrake blades (see *Instruction 1*) and check all the bushings of the blades. Look around the metal parts for cracks and splits in plastics.
If the damage is found, report to sailplane manufacturer.
2. Repair. If cracks or splits in plastics are found, these shall be repaired in accordance with instructions obtained from the sailplane manufacturer.
3. Modification. Reassemble using different type washers (see *Instruction 1*).

Weight and Balance: Accomplishment of this bulletin does not affect the C.G. of the sailplane. A new weight and C.G. determination is not necessary.

Release to Service: Inspection, repair and modification shall be done by the certified staff.

2023-06-22	Pociūnai, Prienai, Lithuania	JSC "Sportinė aviacija ir KO" Chief Designer  /K. Juočas
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	Service bulletin	Doc. No. 017.23.002
		Revision 0
"SA ir Ko" EASA.AP160	Airbrake blades inspection and modification	Date: 2023-06-22
		Page 2 of 4

Figure 1: Lower blade separation scheme

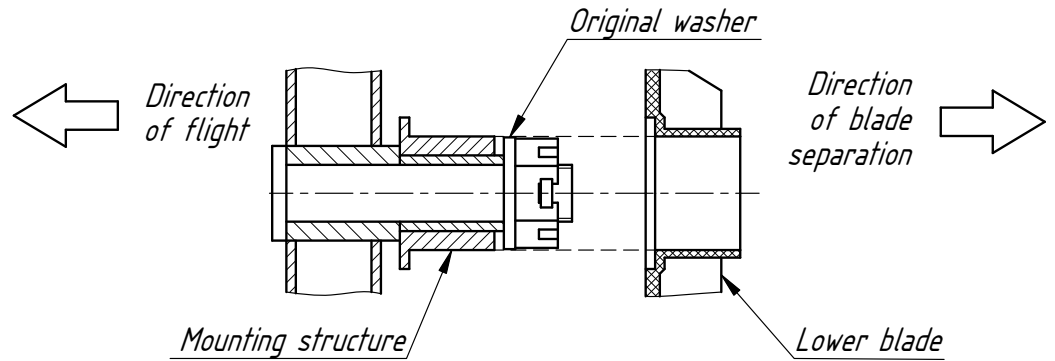
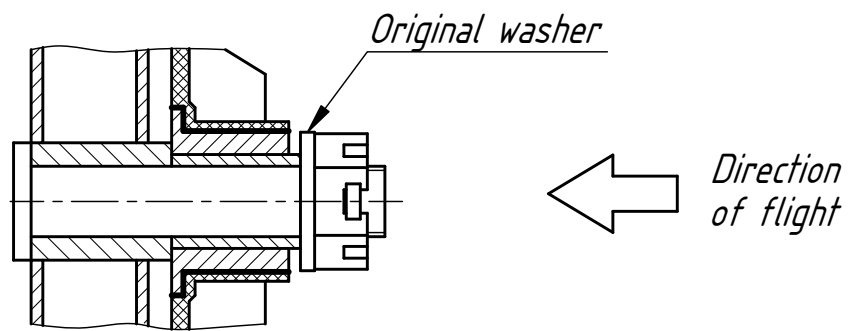
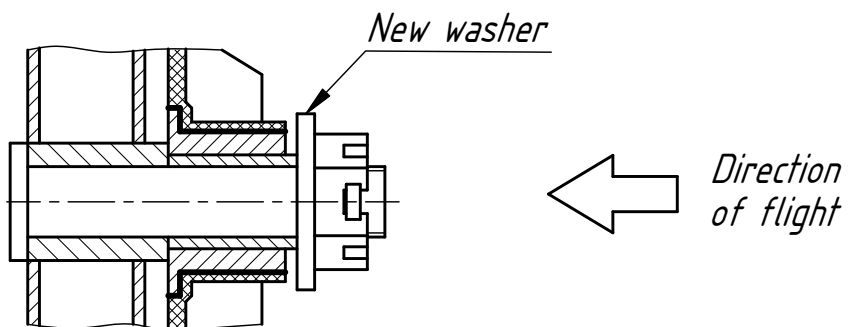


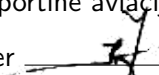
Figure 2: Original and modified design of the lower blade mounting points



(a) Original version (with small washer)



(b) Modified version (with bigger washer)

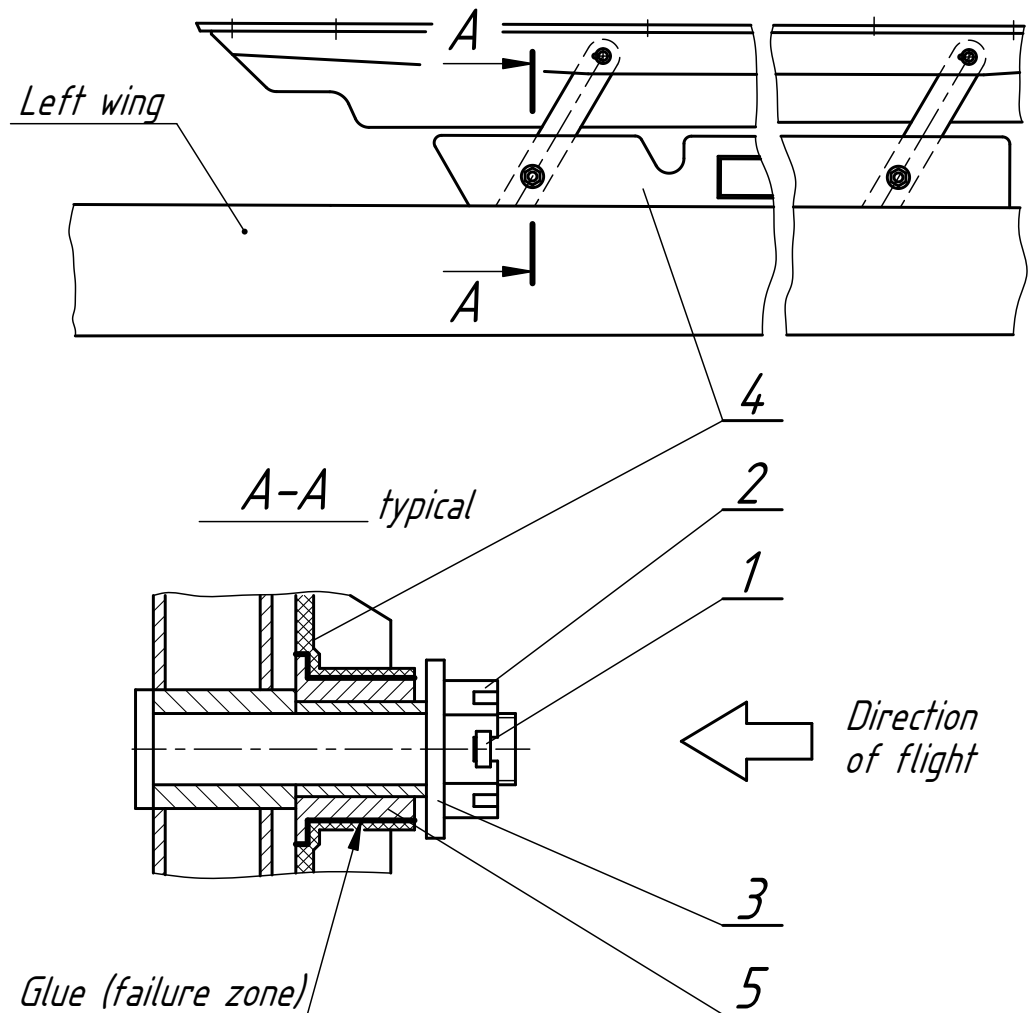
2023-06-22	Pociūnai, Prienai, Lithuania	JSC "Sportinė aviacija ir KO" Chief Designer  /K. Juočas
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	<h1>Service bulletin</h1>	Doc. No. 017.23.002
		Revision 0
"SA ir Ko" EASA.AP160	Airbrake blades inspection and modification	Date: 2023-06-22
		Page 3 of 4

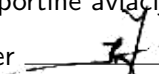
Instruction 1: Airbrake blades inspection and modification:

1. Remove the split pins (pos. 1), unscrew the nuts (pos. 2), and remove the washers (pos. 3);
2. Remove the lower airbrake blades (pos. 4) and check all the bushings (pos. 5). Look around the metal parts for cracks and splits in plastics.
3. After inspection (and repair, if needed), reassemble using different type washers and new split pins (see *Parts List*).

Warning: Do not use the original washers.



(continued on the next page)


2023-06-22	Pociūnai, Prienai, Lithuania	JSC "Sportinė aviacija ir KO" Chief Designer  /K. Juočas
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	Service bulletin	Doc. No. 017.23.002
		Revision 0
		Date: 2023-06-22
"SA ir Ko" EASA.AP160	Airbrake blades inspection and modification	Page 4 of 4

Instruction 1:
(continued)

PARTS LIST

ITEM NO.	DESCRIPTION	QTY
A03-01	Washer DIN 522 A6.4x15x1.5 Znp	4
A03-02	Split pin DIN 94 1.6x16 Znp	4

2023-06-22	Pociūnai, Prienai, Lithuania	JSC "Sportinė aviacija ir KO" Chief Designer  /K. Juočas
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