



Modification Bulletin

Aircraft Type
Safir 91B and 91C

Reference Wing Flap Control Inspection and possible replacement of journal pin, torsion tube.	Date November 10 1954	No 91.4/4
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Urgency II To be introduced December 31, 1954 at the latest, on civil aircr.	Royal Swedish Board of Civil Aviation S. Fogelström	

Marking -	Effect on weight distribution		
	Weight change Lbs	Station In.	Moment change Lbsin.
	-	-	-

Time of delivery for necessary parts
Checking gauge: 10th November 1954
Journal pin: Immediately after order
 K/K

Drawings: Not essential

506576 Wing flap
 506578 Journal pin, wing flap mechanism

Parts required per plane:

Item, Drawing 506576

04 2 Journal pin 506578
 6 Rivet AS 211501-3.2x8
 Aluminium 3514-3

Tools required:

Checking gauge 911542

Aircraft concerned:

91201 - 91289

Spare parts involved:

Torsion tube LH SA 590397
 Torsion tube RH SA 590398
 Journal pin 506578

In some cases it has been revealed that the thickness of material of the journal pin 506578 on the torsion tube of the wing flap has been less than the minimum tolerance. For this reason all journal pins shall be checked as to material thickness. If journal pins with a material thickness less than 1.2 mm is found the pin shall be replaced.

Work procedure:

Dismount the wings.
 Check the material thickness on the journal pin 506578 by means of the gauge 911542 according to the directions below. If the material thickness is less than 1.2 mm the journal pin shall be replaced. When replacing the journal pin, the center line from the old pin is transferred to the torsion tube enabling the fitting of the new journal pin in the same position as the old one.
 Install the wings.

Checking directions:

Enter the checking gauge 911542 in the journal pin placing it according to the figure.



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Measure the distance a according to the figure.
Measure the total distance between the two end surfaces of the gauge.
Subtract the distance a from the total distance between the gauge end surfaces.
The measure received shall be minimum 1.2 mm.

