SAAB

MODIFICATION BULLETIN

AIRPL MODEL 91

91.4100/1

Replacement of cable guards on elevator and rudder bellcranks

URGENCY: III

TIME OF DELIVERY FOR NECESSARY PARTS: 1st Nov. 1947

Saab/C

EFFECT ON WEIGHT DISTRIBUTION:

WEIGHT CHANGE LBS.	STATION IN.	MOMENT CHANGE LBSIN.
-	-	-

MARKING: None

Drawings: Not essential

505637 Elevator bellcrank
Fuselage controls

505638 Rudder bellcrank
Fuselage controls

Parts required on each plane

4 Cable guards 540163

Following parts on each plane are obsolete:-

1. Cable guard 505676
1. Cable guard 505677ur
1. Cable guard 524470
1. Cable guard 524471ur

} Scrap

Aircraft concerned:-

91102-91132

(Number of aircraft: 31)

Spare Parts not involved.

The screws attaching the cable guards to the elevator bellcrank 505637 and the rudder bellcrank 505638 are not locked for which reason danger exists that they will get loose and block the movement of the bellcranks.
In order to prevent this a new type of cable guard 540163 should be installed. These are provided with a screwed pin and screwed directly into the bellcrank, which makes the attachment screws for the old cable guards obsolete.
Note: Until the modification is introduced, the cable guards should be checked every 25th hour of operation.

Working procedure:-
Remove the protective plate at the elevator and rudder bellcranks. Remove the cable guards and unfasten the cables from the bellcranks.
Remove the bellcranks.
Drill and tap the bellcranks for the cable guards according to fig. 1 and 2 respectively.
Screw the cable guards into the bellcranks and mount them on the airplane.
Pull the cable through the cable guards and secure the cables, then stretch them.
Check the cable tension according to SM 2/91, Chapter II in the Service Manual.
Mount the protective plate.

20 DEC 1948

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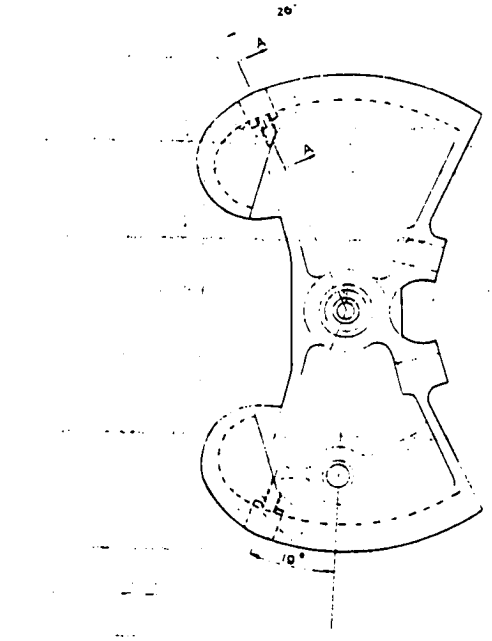
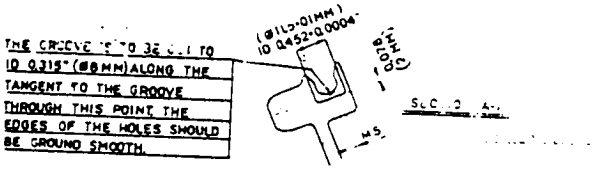
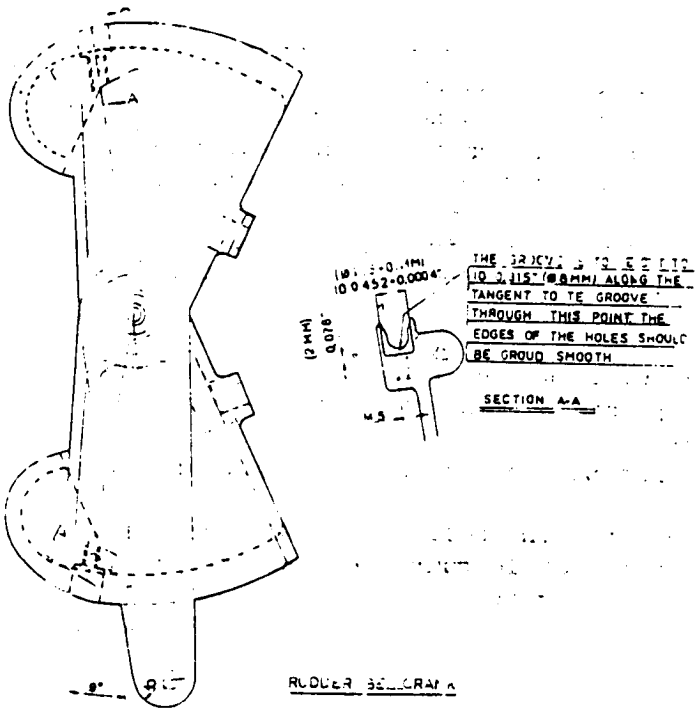
ROYAL SWEDISH AERONAUTICS BOARD: Thorell Ahrens





ELEVATOR BELLCRANK

FIG. 1



RUDDER BELLCRANK

FIG 2