

# SERVICE

Bulletin No. SA-012

Date: 25 Sep 2003

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SUBJECT: ONE-TIME INSPECTION OF SEAT PAN INSTALLATION

MODELS AFFECTED: All Models SGS 1-34/1-34R

TIME OF COMPLIANCE:

- PART I: Prior to next flight
- PART II: At next 100-Hour Inspection or Annual Inspection, whichever occurs first

REFERENCE: Schweizer SGS 1-34 & 1-34R Flight, Erection & Maintenance Manual

- PREFACE:
- On the affected models, the forward seat pan may be inadvertently installed with the pan hinge oriented incorrectly. This condition moves the pan forward far enough to significantly limit the control stick/up elevator travel; resulting in restricted nose-up control. The purpose of this Bulletin is to ensure that the seat pan is installed correctly (PART I), and to prevent incorrect installation during future maintenance (PART II).
  - Failure to comply with this Bulletin may lead to loss of control of the aircraft and subsequent serious injury, death and/or property damage.

## PROCEDURE, PART I:

- Remove the bottom seat cushion to gain access to the seat pan (Fig. SA-012-1).
- Raise the seat pan to a partially open position and observe that the lower hinge half is positioned forward of the hinge pin as shown on Fig. SA-012-2, Detail A. This is the correct orientation. (If the lower hinge half is positioned aft as shown on Detail B, the seat pan is in the wrong location and this condition must be corrected before further flight.)
- With the seat pan raised, check the control stick/elevator range of motion; perform the same check with the seat pan in normal (down) position. Verify that range of motion is not affected by seat pan position.

PROCEDURE, PART II:

- a. Raise seat pan and remove five hinge screws; remove seat pan (Fig. SA-012-2).
- b. Using scissors or sharp knife, cut the "CAUTION" and "SEAT PAN" placards from Fig. SA-012-3.

**NOTE**

In preparation for placard installation in next step, the respective aircraft surfaces should be cleaned with a suitable solvent. The placards may then be attached with any suitable spray adhesive or cement, and covered with transparent tape for protection.

- c. Install the "CAUTION" placard on hinge as shown on Fig. SA-012-3. Install the "SEAT PAN" placard as shown on Fig. SA-012-2.
- d. Using five hinge screws, re-install the seat pan with the "CAUTION" placard facing downward.
- e. Perform steps b. and c. of PART I to verify that seat pan is installed correctly.
- f. Record compliance with this Bulletin in the aircraft records.

WEIGHT AND BALANCE

Weight and balance are not affected.