

Chapter 25

Equipment and Furnishings

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25-10-00

FLIGHT COMPARTMENTS

The EXTRA 200 is standard equipped with a pilot and a co-pilot seat including special aerobatic seat belt / shoulder harnesses for both seats. An aircraft document bag is installed in the rear cockpit.

25-10-01

Front Seat

The front seat is a nonadjustable one-piece composite design. It is connected to the fuselage by four screws at the top of the backrest and by two screws at the bottom of the seat.

25-10-02

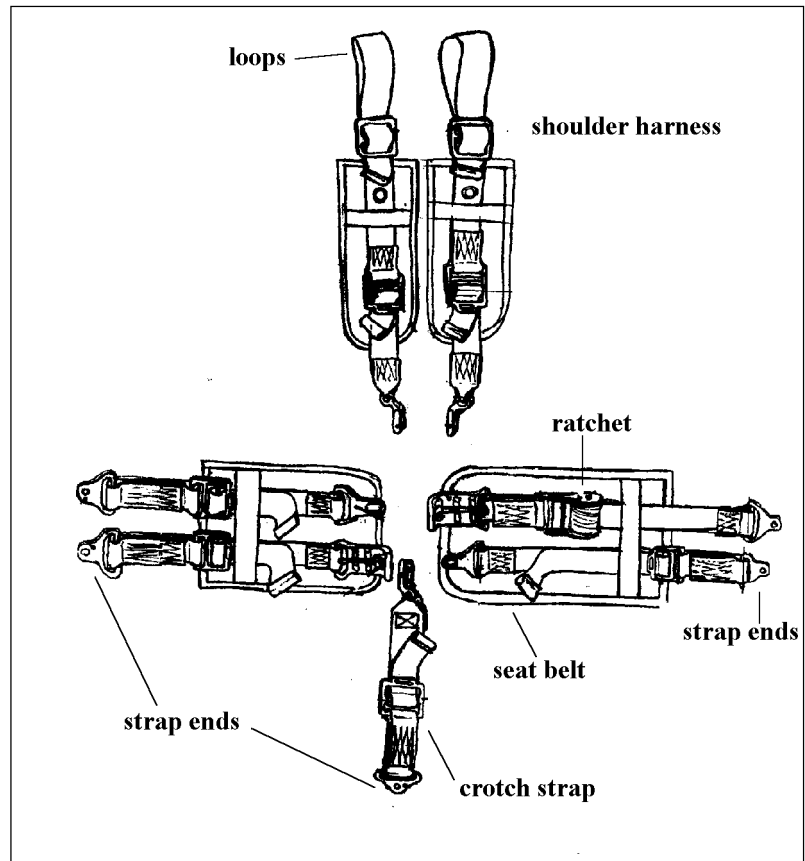
Rear Seat

The rear seat assembly consists of two composite parts. The backrest is connected to the seat and to the fuselage by means of quickpins. Multihole tubes allow adjustment. Up to Ser. No. 9 the seat is connected to the fuselage by bolts. From Ser. No. 10 the seat is in front attached to the steel tube by bolts and in the rear via a multihole rod and quickpins allowing adjustment of height.

25-10-03

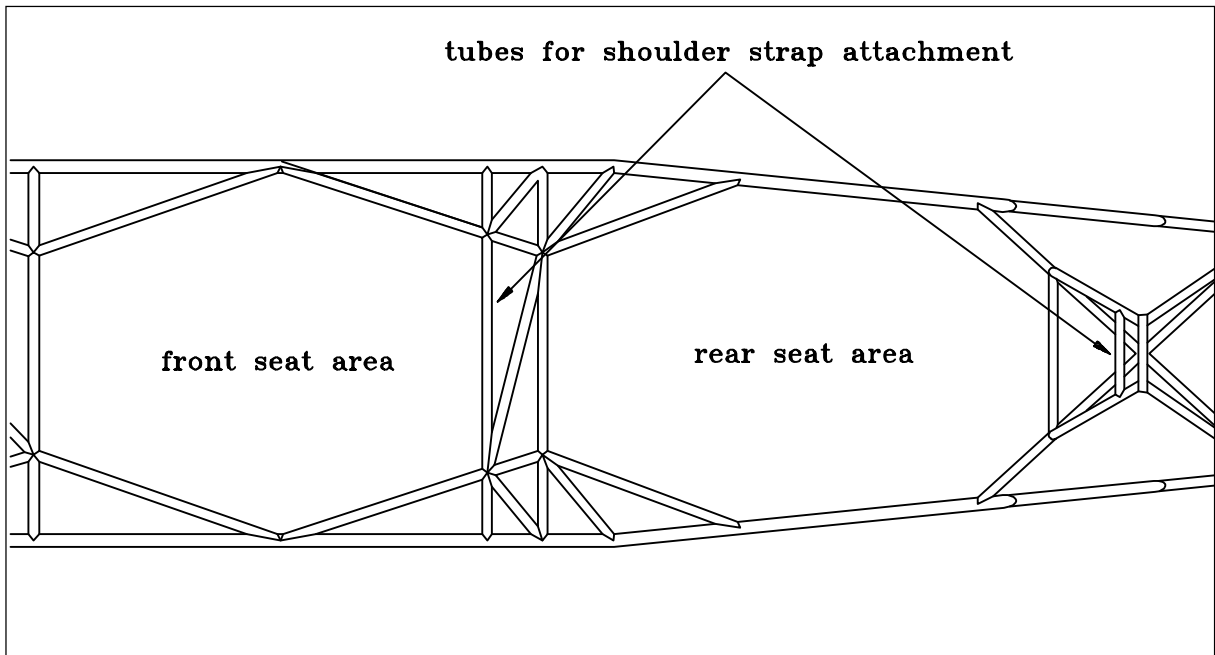
Seat Belts

(Refer to Figure 1) Each seat is equipped with a special aerobatic seat belt / shoulder harnesses from the manufacturer "Hooker custom Harness". Such an assembly of straps consists of a right and left shoulder harness, two right and two left seat belts and a crotch strap.



Strap Assembly
Figure 1

Up to Ser. No. 15 each strap end is fitted with LN 9037-0820 bolts, LN9348-08 stop nuts and DIN 125 M8 washers to its own fitting at the steel frame resp. at the underside of the seat. From Ser. No. 16 the crotch strap ends are attached by means of AN4 bolts, washers and nuts. The shoulder strap loops of the front and rear seat are attached to horizontal steel tubes as shown in Figure 2.



Shoulder Strap Attachment
Figure 2

25-10-04

Aircraft Document Bag

The rear cockpit of the EXTRA 200 is furnished with an aircraft document bag. This aircraft document bag is mounted on the right inside of the cockpit frame.

25-15-00

MAINTENANCE PRACTICES

25-15-01

Front Seat

Removal/Installation

- 1 Remove front seat attachment screws.
- 2 Remove front seat.
- 3 Disconnect crotch strap from seat if necessary.
- 4 Install in reverse sequence of removal.

25-15-02

Rear Seat

Removal/Installation

- 1 Remove quickpins of the backrest.
- 2 Remove rear seat backrest.
- 3 Disconnect backrest from the steel tubes if necessary by removing the resp. bolts.
- 4 Remove the seat attachment bolts and quickpins (from Ser. No. 10).
- 5 Remove the seat.
- 6 Assemble and install in reverse sequence of disassembly resp. removal. From Ser. No. 10: Grease the front attachment bolts before installation and fasten them only hand tight. Check movableness of the seat and reduce tightness of attachment bolts as far as necessary.