

Chapter 8

EMERGENCY EQUIPMENT RETAINING JACKET

(Mk. 3JS ejection seats)

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Introduction

1. Modification No. Ejection seat/835 provides for the fitting of a jacket over the stowed emergency equipment of an unoccupied Mk. 3JS ejection seat. The modification consists of two anchorage studs at the top of the seat pan, two at the bottom and a canvas cover or jacket (which may not in fact be part of the seat modification but constitutes a complementary mod.).

Description

2. The jacket is made of canvas and is shaped to fit the contours of the seat pan over the installed equipment. It has a pocket at the lower end which fits over the front of the seat pan and two adjustable webbing straps for tensioning purposes.

Fitting the jacket

3. (1) Adjust the seat pan to the mid position (i.e., midway between the top and bottom positions when using the seat raising mechanism).

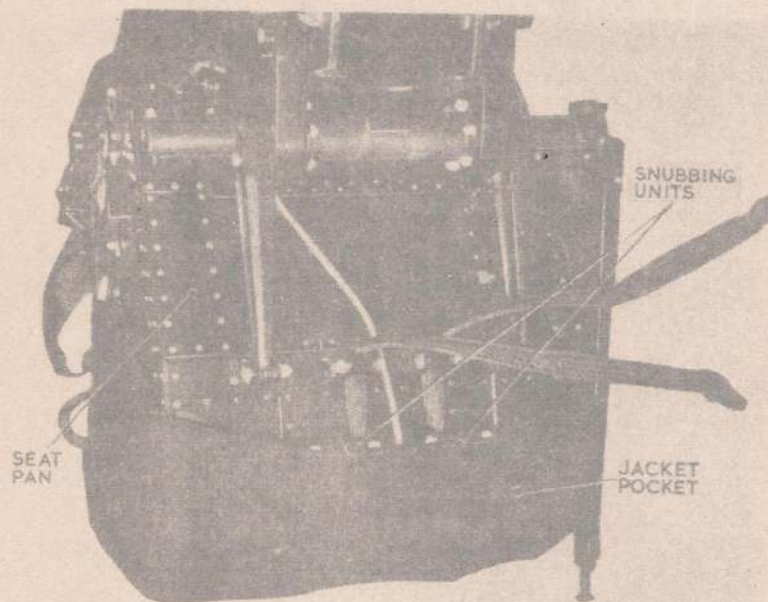


Fig. 1. Fitting the jacket (1)

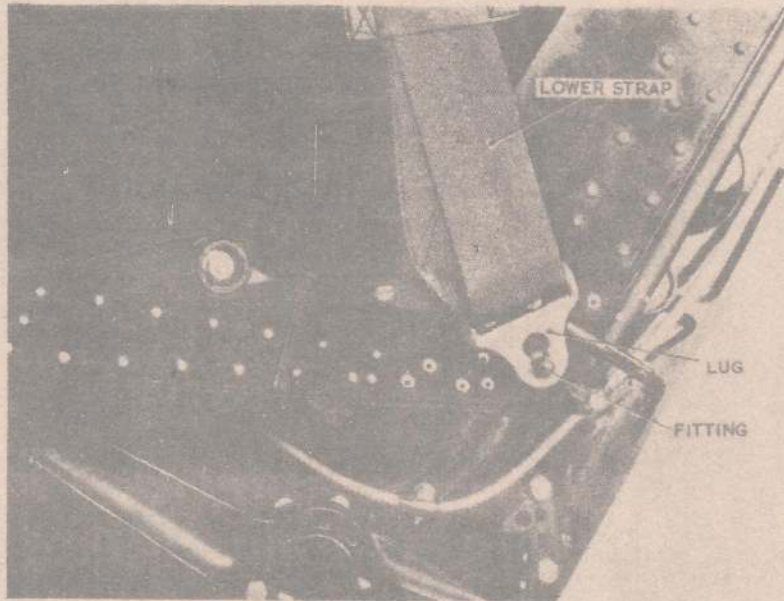


Fig. 2. Fitting the jacket (2)

(2) Secure the combined harness straps in the quick-release fitting, then secure surplus lines and the P.S.P. lanyard to the harness.

(3) Remove the quick-release pins which secure the leg restraining cords to the floor anchorages.

(4) Slacken off the webbing straps on the jacket.

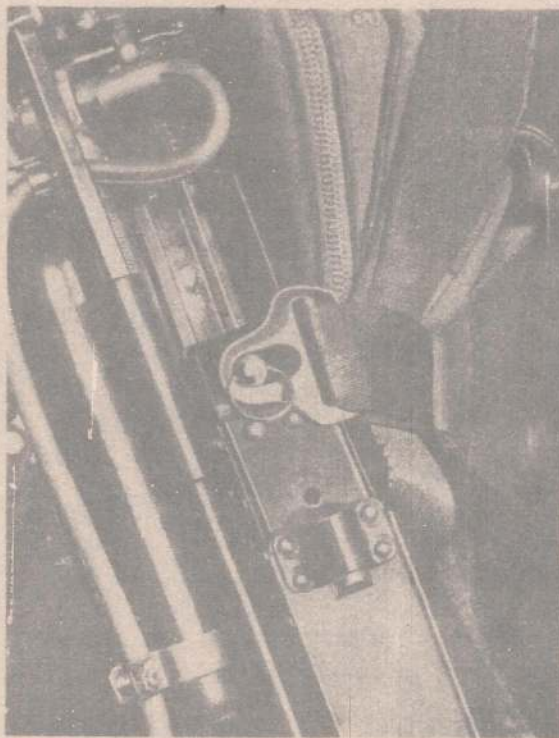


Fig. 3. Fitting the jacket (3)



Fig. 4. Jacket fitted and tightened

(5) Slip the jacket pocket over the front of the seat pan, ensuring that the snubbing units are covered (*fig. 1*).

(6) Attach the lower strap lugs (which have keyhole slots) to the fittings at the bottom rear of the seat pan (*fig. 2*).

(7) Attach the upper strap lugs (which have

straight slots) to the fittings at the top of the seat pan (*fig. 3*) and fit the retaining rings.

(8) Tighten the straps, ensuring that the jacket fits snugly over the stowed equipment (*fig. 4*).

(9) Connect the lower ends of the leg restraining cords to the floor anchorage brackets.

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