

## Chapter 5 - CHANGE OF ROLE - FERRRYING

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#### Introduction

1. This chapter contains information and instructions for stowing personal luggage, servicing equipment and documents, etc., during preparation for ferry flight of aircraft embodying the fixed fittings of Modification 1114.

#### Removable equipment

2. The removable equipment for the ferry role is listed in Table 1.

**Stowing the pilots' personal luggage (fig. 1, detail A)**  
**WARNING**

**To maintain the aircraft C.G. within limits it is essential that the ammunition box be emptied before fitting the pilots' personal luggage.**

3. The pilots' personal luggage is stowed in the front fuselage as shown in fig. 1. The procedure for stowing is as follows:—

- (1) Remove the access door from the underside of the fuselage between frames 1C and 2.
- (2) Offer up the pilots' personal luggage, and support on the floor assembly between frames 2 and 3.
- (3) Attach the two strap assemblies Part No. B.240484 to the upper and lower stiffeners on frame 3 by inserting the pip-pins into the most convenient  $\frac{1}{4}$  in. diameter holes. Tighten the straps to secure the luggage and tuck the ends of straps back under the loops.

- (4) Attach the hooks at the top end of the canvas retainer Part No. B.260823 to the holes in the upper stiffener nearest to the luggage, adjust the canvas around the top front corner of the luggage, and engage the hooks at the bottom end of the retainer in the lightening holes in the support beams to tension the retainer so that movement of the luggage in flight is prevented.
- (5) Refit and secure the access door removed in sub-para. (1).

#### Note . . .

*The weight of the pilots' personal luggage must not exceed 50 lb. (Maximum two cases 24 in.  $\times$  15½ in.  $\times$  8 in.).*

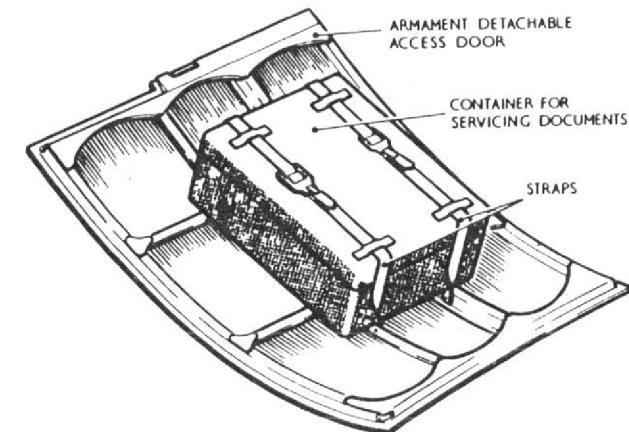
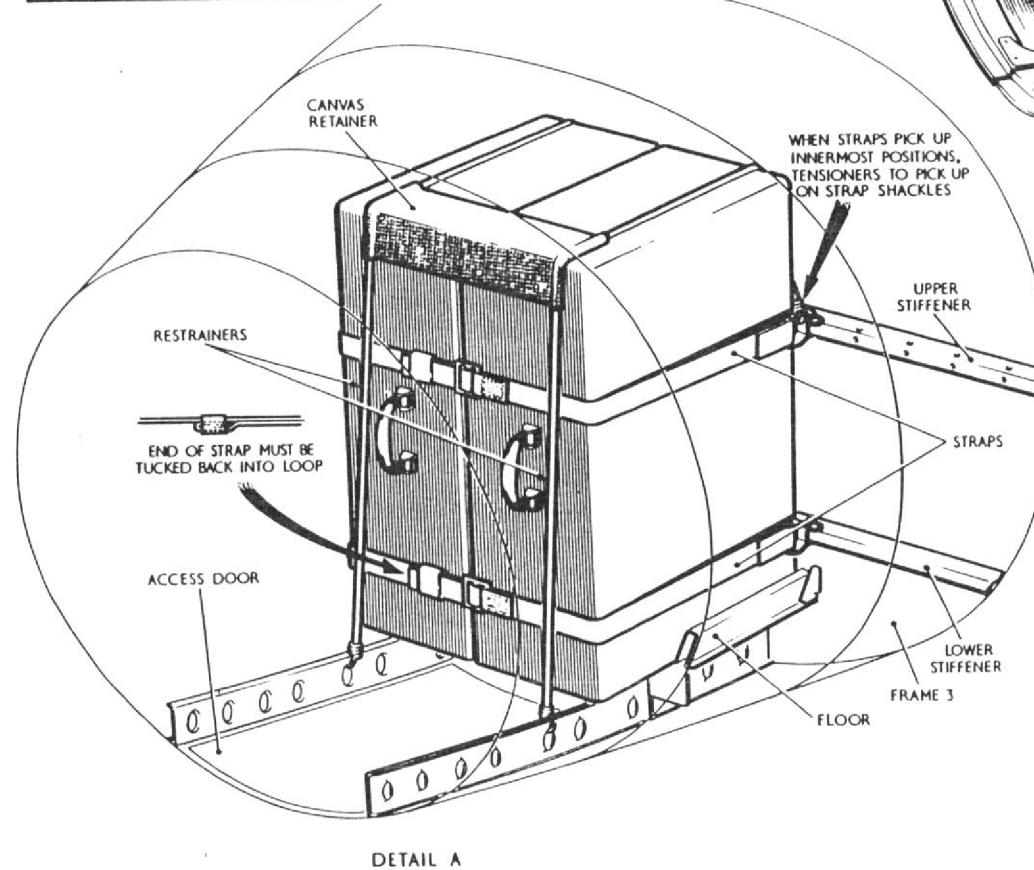
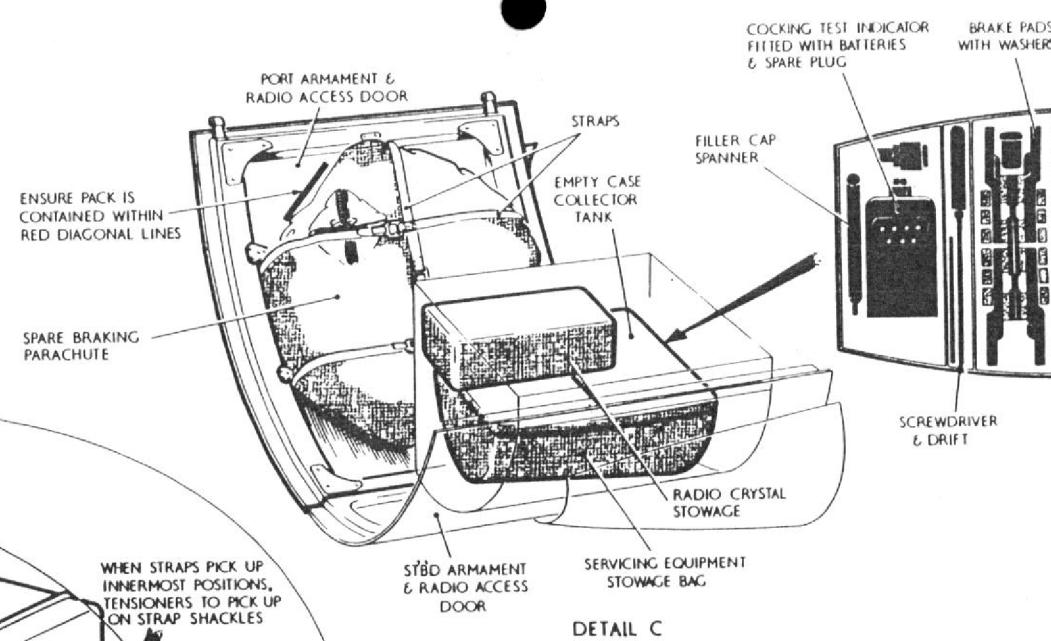
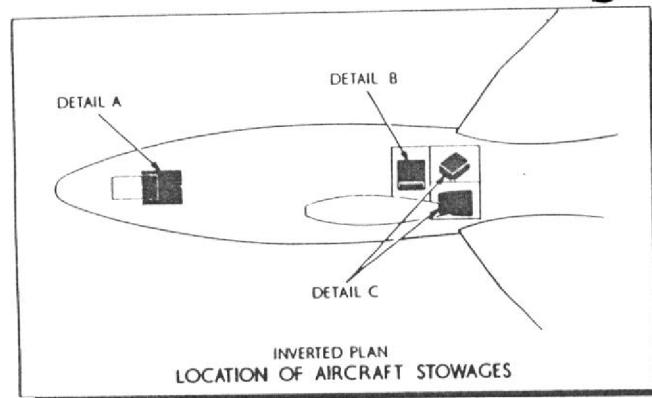


Fig.1 Stowing luggage, spare braking parachute and servicing equipment, etc

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**Stowing the servicing documents (fig. 1, detail B)**

4. The servicing documents are to be carried in the container Part No. D.255931 and securely strapped to the inside of the armament detachable access door Part No. C.260971. The procedure for stowing is as follows:—

- (1) Remove the armament detachable access door.
- (2) Place the servicing documents in the container Part No. D.255931, and assemble two strap assemblies Part No. B.255934 to the container.
- (3) Fit the ends of the straps to the reinforcement plates on the inside of the armament detachable access door with bolts Part No. A.25.2C and washers Part No. S.P.13C. Tighten the bolts to secure the straps, and then tighten the straps to secure the container to the door.
- (4) Refit and secure the armament detachable access door.

**Note . . .**

*The weight of the servicing documents must not exceed 12.5 lb.*

**Stowing the spare braking parachute (fig. 1, detail C)**

5. The spare braking parachute is stowed

on the inside of the port armament and radio access door Part No. C.260972. The procedure for stowing is as follows:—

- (1) Remove the port armament and radio access door.
- (2) Fit three strap assemblies Part No. B.255934 to the reinforcement plates on the inside of the door using the appropriate bolts Part No. A.S.1248.10.C (2 off) and A.S.1248.15.C (4 off), nuts Part No. A.G.S.2002.C.1 and washers Part No. S.P.13.C. Tighten the nuts to secure the straps.
- (3) Fit the spare braking parachute on the inside of the door and ensure that it is contained within the red diagonal lines. Tighten the straps to secure the braking parachute against movement in flight.
- (4) Refit and secure the port armament and radio access door.

**Stowing the servicing equipment and radio crystals (fig. 1, detail C)**

6. The servicing equipment and radio crystals are packed in their respective containers and are carried in the empty case collector tank. To stow the servicing equipment and radio crystals proceed as follows:—

- (1) Remove the starboard armament and radio access door.

- (2) Pack the servicing equipment into the stowage bag Part No. D.254440 and put the radio crystals into the stowage Part No. A.255935.
- (3) Remove the lid from the empty case collector tank and empty the tank.
- (4) Place the radio crystal and servicing equipment stowage bags in the tank. Pack the space around the stowages with felt to prevent movement and then refit the lid on the empty case collector tank.
- (5) Refit and secure the starboard armament and radio access door.

**Note . . .**

*The weight of servicing equipment and radio crystals must not exceed 14.5 lb.*

**Removing luggage, servicing equipment, documents and removable parts**

7. The removal of the pilots' luggage, servicing equipment, documents and removable parts is the reverse of para. 3, 4, 5 and 6.

TABLE 1  
Ferry role removable parts

Sect./Ref.	Part. No.	Description	Qty.
28D/9133011	A.25.2.C	Bolt, 2 B.A.	4
28D/8347	AS.1248.10.C	Bolt	2
28D/12003	AS.1248.15.C	Bolt	4
—	D.254440	Bag, stowage for equipment	1
—	B.260823	Canvas retainer ( <i>Pilots' luggage</i> )	1
—	D.255931	Container for servicing documents	1
28M/10328	A.G.S.2002.C.1	Nut, 2 B.A.	6
—	B.240484	Strap assembly ( <i>Pilots' luggage</i> )	2
—	B.255934	Strap assembly	5
—	A.255935	Stowage for radio crystals	1
28W/9419402	S.P.13.C	Washer	10

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A close-up photograph of an aircraft's fuselage. The upper portion is painted red with several small, dark rivets visible. A vertical strip of blue material, possibly a cover or a different panel, runs diagonally across the frame. On this blue panel, the text 'LIGHTNING MK. 1', 'COVER PILOT HEAD', and 'EB2-88-5711' is printed in black. To the right of the blue panel is a small, dark, rectangular plaque with four small white dots at its corners. The background shows the dark, metallic structure of the aircraft's frame.

LIGHTNING MK. 1  
COVER PILOT HEAD  
EB2-88-5711