

Chap 2 ARMAMENT
CARD 15
A.L.9

REPLENISHMENTS
HUNTER F.6,T.7,T.7A,G.A.9 & F.R.10

A.P.4347F,G,J,K & R Vol 4/5
Pt 1 Bk 2 Sect 2
(1st Ed)

Item No	ITEM	OPERATION	OPERATOR
	<u>Launcher Matra Type 155</u>		
1.	<u>Loading.</u>		
1.1	Armament safety break.	Ensure disconnected and stowed.	Armament
1.2	Pylon safety breaks.) Ensure disconnected.	"
1.3	Gun pack supply lead.		
1.4	Battery master switch.) Ensure set to 'OFF'.	"
1.5	Bomb master switch.		
1.6	R.P. master switch.		
1.7	Gun master switch.		
1.8	Pylon selector switches.		
1.9	Fuzing selector switch.		
1.10	Butt test switch.		

S.M. 15588 (13)

Continued Overleaf

1.11	Fods/Salvo/Ripple switch.	Ensure set to 'SALVO'	Armament
1.12	Bomb/R.P. release switch.	Ensure set to 'SAFE'.	"
1.13	Launchers.	Examine externally.	"
1.14	Launcher matra.	Carry out circuit test. (S.P.530)	Electrical
1.15	Matrix diaphragm.	Examine and replace as necessary.	Armament
1.16	Launcher rocket tubes.	Examine and particularly for obstructions.	"
1.17	Launcher rocket connections.	Fit dummy plugs to all sockets not in use. NOTE:- This is to be ascertained by reference to launcher history sheet.	"
1.18	Rockets.	Remove from containers.	"
1.19	Cardboard sleeves and rubber bands.	Remove.	

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Item No	ITEM	OPERATION	OPERATOR
1.	<u>Loading</u> (Contd)		
1.20	Detent plunger.	Ensure held by safety clip.	Armament
1.21	Safety pin.	(i) Withdraw and re-insert into safety pin hole ensuring freedom of movement. (ii) Remove. (iii) Remove label. (iv) Insert safety pin head into safety pin hole and break of stem.	"
1.22	Rocket.	Insert into appropriate tube until detent pin is in tube.	"
1.23	Detent pin safety clip label.	Remove.	"

S.M. 15588 (14)

Continued Overleaf

1.24 Rocket.

- (i) Slide into tube until vent is level with rear of launcher body.
- (ii) Remove plug and leads from vent.
- (iii) Remove White plastic band from tail.
- (iv) Fit plug into yellow plastic tail ring.
- (v) Align plug with launcher socket.
- (vi) Slide forward until plug is about to contact socket.
- (vii) Repeat Sub items 1.18 to 1.24 operation (vi) inclusive for remaining launcher positions.

Armament

1.25 Rocket connections.

- (i) Stand outboard of launchers.
- (ii) Starting with inboard rocket and working outboard push rockets fully home ensuring connections make.

"

1.26 Tail fairing.

Refit.

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Item No	ITEM	OPERATION	OPERATOR
	<u>Launcher Matra Type 155</u>		
2.	<u>Re-arming</u>		
2.1	Armament safety break.) Ensure disconnected.	Armament
2.2	Pylon safety breaks.		
2.3	Launcher safety break lever.	Ensure fully open and retained by safety pin with Red pennant.	"
2.4	Armament selector switches.	Ensure set to 'SAFE' or 'OFF'.	"
2.5	Launcher matra.	Carry out circuit test. (If misfires have occurred) (S.P.534)(S.P.536).	Electrical
2.6	Launcher matra.	Remove tail fairing.	Armament
2.7	Matrix diaphragm.	Examine and replace as necessary.	"

2.8	Launcher rocket tubes.	Examine and particularly for obstructions.	Armament
2.9	Launcher rocket connections.	Fit dummy plugs to all sockets not in use. Note:- This is to be ascertained by reference to launcher history sheet.	"
2.10	Rockets.	Remove from containers.	"
2.11	Cardboard sleeves and rubber bands.	Remove.	"
2.12	Detent plunger.	Ensure held by safety clip.	"
2.13	Safety pin.	(i) Withdraw and re-insert into safety pin hole ensuring freedom of movement. (ii) Remove. (iii) Remove label. (iv) Insert safety pin head into safety pin hole and break off stem.	"

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REPLENISHMENTS
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Pt 1 Bk 2 Sect 2 (1st Ed)

Item No	ITEM	OPERATION	OPERATOR
2.	<u>Re-arming</u> (Contd)		
2.74	Rocket.	Insert into appropriate tube until detent pin is in tube.	Armament
2.75	Detent pin safety cliplabel. Remove.		"
2.76	Rocket.	(i) Slide into tube until vent is level with rear of launcher body. (ii) Remove plug and leads from vent. (iii) Remove White plastic band from tail. (iv) Fit plug into Yellow plastic tail ring. (v) Align plug with launcher socket. (vi) Slide forward until plug is about to contact socket. (vii) Repeat Items 2.10 to 2.16 Operation (vi) inclusive for remaining positions.	"

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| 2.17 | Rocket connections. | (i) Stand outboard of launcher. | Armament |
| | | (ii) Starting with inboard rocket and working outboard push rockets fully home, ensuring connections make. | |
| 2.18 | Tail fairing. | Refit. | " |
| 2.19 | This Sub-item is to be carried out immediately before aircraft begins to taxi. | | |
| | Launcher safety break lever. | (i) Remove safety pin. | " |
| | | (ii) Close. | |
| | | (iii) Ensure properly locked by thumb catch. | |

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Item No	ITEM	OPERATION	OPERATOR
3.	<u>Unloading</u>		
3.1	Aircraft.	Ensure pointing in safe direction.	Armament
3.2	Armament safety break.) Ensure disconnected.	"
3.3	Pylon safety breaks)		
3.4	Armament selector switches.	Ensure set to 'SAFE' or 'OFF'.	"
3.5	Launcher load.	Ascertain from Pilot condition of load.	"
3.6	Launcher safety break levers.	Lock in open position.	"
3.7	Tail unit.	Remove.	

3.8 Rocket disconnection. (i) Stand outboard of launcher. (ii) Starting with outboard rocket and working inboard disconnect rocket plugs. "

3.9 Rockets. (i) Slide rearwards approximately 3 in. (ii) Refit White plastic band around tail fins. (iii) Remove rocket plug from tail ring and insert into vent. (iv) Slide gently rearwards until detent pin safety clip appears. (v) Push detent pin safety clip forward and ensure it retains detent pin in rocket head. "

NOTE:- If detent pin rises rocket head will arm.

(vi) Remove safety pin head from safety pin hole.

(vii) Insert new safety pin into safety pin hole and ensure detent is safe.

NOTE:- If safety pin is obstructed or lacks freedom of movement great care is to be taken when removing rocket as head is armed.

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Item No	ITEM	OPERATION	OPERATOR
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3. Unloading (Contd)

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|--------|---|----------|
| (viii) | Remove from launcher. | Armament |
| (ix) | Refit detent pin safety clip label. | |
| (x) | Refit rubber band and cardboard sleeve. | |
| (xi) | Refit to container. | |

N.B. If rocket has misfired or detent has moved the rocket is to be segregated, and handled with extreme caution.

3.10 This Sub-item is applicable only to G.A.9 and if rockets have misfired.

Launcher circuits.

Test (S.P.536).

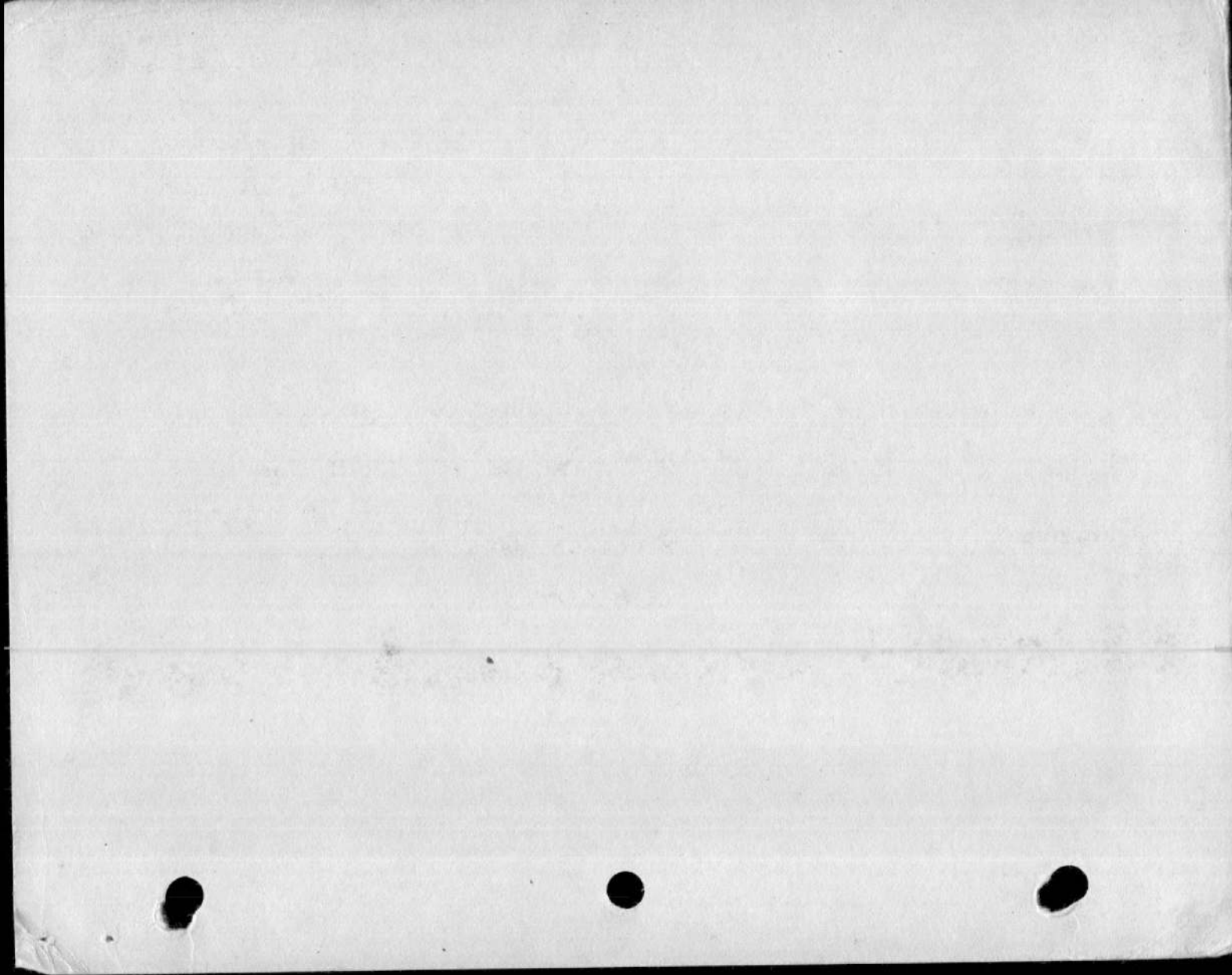
Electrical

3.11 This Sub-item is applicable only to F.6, T.7 and if rockets have misfired.

Launcher circuits.

Test (S.P.534).

S.M.68/3019 (2) C.S.D.E.12/68



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