

**HUNTER AIRCRAFT SERVICING SCHEDULES**

**MK.57**  
*(H.S.A.5)*

**MAJOR SERVICING**

*Volume 5, Part 4*

**SECTION 5**

**PHOTOGRAPHIC SERVICING**

**RADAR SERVICING**

**WIRELESS SERVICING**



# HUNTER AIRCRAFT SERVICING SCHEDULES

MK. 57  
(H.S.A.5)

## MAJOR SERVICING SECTION 5 — PHOTOGRAPHIC N.C.O.

VOLUME 5, PART 4

Item No.	ITEM	OPERATION
1.	General.	(i) Read Lethal Warning Card, Safety Precautions and Servicing Notes of this Handbook. (ii) Examine the aircraft Servicing Documents for reports of any defects and for life expired components or components due for overhaul.
2.	Ejection seat(s) and hood (general safety)	Ensure that the seat(s) and hood firing unit cartridges <u>have been removed</u> by the Armament Tradesman.
N.B.	No further servicing is to be commenced <u>until this safety condition has been carried out.</u>	
3.	Camera installation (G90 or F95)	(i) Supervise removal of camera(s) for Bay Servicing. (ii) Supervise fitment of serviced camera(s). (iii) Carry out functional checks as detailed in Part 2, Section 5 of this Schedule.
N.B.	Operation (iv) is applicable to <u>G.90 camera installation only.</u>	
		(iv) In conjunction with Armament and Instrument N.C.O., carry out harmonisation as detailed in the relevant authorised instructions.
4.	G.G.S. recorder.	(i) Supervise removal for Bay Servicing. (ii) Supervise fitting and testing of new or serviced item.

Item No.	ITEM	OPERATION
5.	Aircraft generally.	Supervise the removal from the aircraft of all tools , rags and other Servicing materials .
6.	Camera Documents .	Enter details as applicable .
7.	Servicing Documents .	Sign for completing the relevant Servicing .

# HUNTER AIRCRAFT SERVICING SCHEDULES

MK. 57  
(H.S.A.5)

## MAJOR SERVICING SECTION 5 — PHOTOGRAPHIC TRADESMEN

VOLUME 5, PART 4

Item No.	ITEM	OPERATION
1.	General.	(i) Read Lethal Warning Card, Safety Precautions and Servicing Notes of this Handbook. (ii) Examine the aircraft Servicing Documents for reports of any defects and for life expired components or components due for overhaul.
2.	Ejection seat(s) and hood (general safety)	Ensure that the seat(s) and hood firing unit cartridges <u>have been removed</u> by the Armament Tradesman.
<u>N.B.</u>	No further servicing is to be commenced <u>until this safety condition has been carried out.</u>	
3.	G.90 camera installation (if applicable)	(i) Remove the waterproof cover and examine for damage or deterioration. (ii) Remove the camera for Bay Servicing. (iii) Examine the mounting and base plate for damage and security. (iv) Fit new or serviced camera. (v) Assist Photographic N.C.O. as required to carry out functional checks as detailed in Part 2, Section 5 of this Schedule and harmonisation as detailed in the relevant authorised instructions. (vi) Fit waterproof cover. (vii) Clean optical flat, using cotton wool damped in carbon tetrachloride, then polish.

Item No.	ITEM	OPERATION
4.	G.G.S. recorder.	<ul style="list-style-type: none"> <li>(i) Remove for Bay Servicing.</li> <li>(ii) Fit new or serviced item.</li> <li>(iii) Switch gun sight master switch 'ON'.</li> <li>(iv) Open magazine door. Ensure the drive plate rotates continuously in a clockwise direction. Close magazine door.</li> <li>(v) Set the picture taking rate to 2 f.p.s.</li> <li>(vi) Depress the camera push switch for a short time. Ensure the clutches engage by listening for the intermittent noise.</li> <li>(vii) Switch gunsight master switch 'OFF'.</li> <li>(viii) Switch camera master switch and external supply 'OFF'.</li> <li>(ix) Remove and store recorder (if applicable).</li> </ul>
5.	F95 camera installation (if applicable)	<ul style="list-style-type: none"> <li>(i) Remove cameras for Bay Servicing.</li> <li>(ii) Fit serviced cameras as detailed in Part 2, Section 5 of this Schedule.</li> <li>(iii) Assist N.C.O. to carry out functional checks as detailed in Part 2, Section 5 of this Schedule.</li> </ul>
6.	Aircraft generally.	Remove from the aircraft all tools, rags and other Servicing materials.
7.	Camera Documents.	Enter details as applicable.
8.	Servicing Documents.	Sign for completing the relevant Servicing.

## HUNTER AIRCRAFT SERVICING SCHEDULES

**MK.57**  
(H.S.A 5)

**MAJOR SERVICING**  
**SECTION 5 — RADAR**  
**N.C.O.**

**VOLUME 5, PART 4**

Item No.	ITEM	OPERATION
1.	General.	(i) Read Lethal Warning Card, Safety Precautions and Servicing Notes of this Handbook. (ii) Examine the aircraft Servicing Documents for reports of any defects and for life expired components or components due for overhaul.
2.	Ejection seat(s) and hood (general safety)	Ensure that the seat(s) and hood firing unit cartridges <u>have been removed</u> by the Armament Tradesman.
<b><u>N.B.</u></b> No further servicing is to be commenced <u>until this safety condition has been carried out.</u>		
3.	(a) Radar head. ) (b) Radar ranging unit. ) (c) D.M.E. transmitter/receiver. ) (d) D.M.E. range and heading ) meter. ) (e) I.F.F. transmitter/receiver. ) (as applicable) )	(i) Supervise removal for Bay Servicing. (ii) Supervise fitment of new or serviced items.
4.	(a) Radar ranging installation. ) (b) D.M.E. installation. ) (c) I.F.F. installation ) (as applicable) )	Carry out functional checks on all relevant installations as detailed in Part 2, Section 5 of this Schedule.

Item  
No.

ITEM

OPERATION

5. Aircraft generally.

Supervise the removal from the aircraft of all tools,  
rags and other Servicing materials.

6. Servicing Documents.

Sign for completing the relevant Servicing.

## HUNTER AIRCRAFT SERVICING SCHEDULES

**MK.57**  
(H.S.A 5)

### MAJOR SERVICING SECTION 5 — RADAR TRADESMEN

VOLUME 5, PART 4

Item No.	ITEM	OPERATION
1.	General.	(i) Read Lethal Warning Card, Safety Precautions and Servicing Notes of this Handbook. (ii) Examine the aircraft Servicing Documents for reports of any defects and for life expired components or components due for overhaul.
2.	Ejection seat(s) and hood (general safety)	Ensure that the seat(s) and hood firing unit cartridges <u>have been removed</u> by the Armament Tradesman.
<b><u>N.B.</u></b> No further servicing is to be commenced <u>until this safety condition has been carried out.</u>		
3.	Nose fairing and nose cone (as applicable)	(i) Assist Airframe Tradesman to remove. (ii) Upon completion of the relevant servicing, assist Airframe Tradesman to refit.
4.	(a) Radar head. ) (b) Radar ranging unit. ) (c) D.M.E. transmitter/receiver. ) (d) D.M.E. range and heading ) meter. )	(i) Remove for Bay Servicing. (ii) Fit new or serviced items.
<b><u>N.B.</u></b> In operation (e), aircraft destructors (if fitted) must be removed by Armament Tradesman <u>prior to any servicing.</u>		
	(e) I.F.F. transmitter/receiver (as applicable).	(i) Remove for Bay Servicing. (ii) Fit new or serviced items.

Item No.	ITEM	OPERATION
5.	Nose wheel bay (as applicable) (a) Radar junction boxes. ) (b) Cathode follower unit. ) (c) Plugs and sockets. ) (d) Connector cables. ) (e) Cooling pipe(s). ) (f) Mounting(s) and tray(s). )	Examine for damage and security.  (i) Examine for damage and security. (ii) Examine the anti-vibration mountings for fractured or badly distorted load carrying springs.
6.	Cabin (as applicable) (a) Radar presentation relay box. ) (b) D.M.E. control unit. ) (c) D.M.E. indicator. ) (d) Switches. ) (e) Lamps and indicators. ) (f) Cables. ) (g) Plugs and sockets. )	Examine for damage and security.
7.	D.M.E. transmitter and receiver aerial co-axial connectors.	(i) Disconnect at transmitter/receiver D.M.E. junction box. (ii) Carry out continuity test. (iii) Test insulation resistance. Minimum 10 megohms. (iv) Reconnect aerials.

# HUNTER AIRCRAFT SERVICING SCHEDULES

**MK.57**  
(H.S.A.5)

## MAJOR SERVICING SECTION 5 — RADAR TRADESMEN

VOLUME 5, PART 4

Item No.	ITEM	OPERATION
8.	Radio bay (as applicable)	
	(a) I.F.F. control unit(s). )	
	(b) Aerial switch unit(s) ) (i)	Clean.
	(c) Circuit breaker(s) ) (ii)	Examine for damage and security.
	(d) Connector cables. )	
	(e) Plugs and sockets. )	
9.	(a) D.M.E. receiver aerial. ) (i)	Clean.
	(b) D.M.E. transmitter aerial. ) (ii)	Examine for damage and security.
		(iii) Lightly coat with paint, synthetic, matt. yellow.
	(c) D.F. aerial. ) (i)	Clean.
		(ii) Examine neoprene covering for signs of blistering or lifting. If evident, fit new aerial. (S.I./HUNTER/50 refers).
10.	I.F.F. aerial.	Clean and examine for damage.
11.	(a) Radar ranging installation. )	
	(b) D.M.E. installation. )	Assist Radar N.C.O. to carry out functional checks on
	(c) I.F.F. installation. )	all relevant installations, as detailed in Part 2,
	(as applicable) )	Section 5 of this Schedule.

---

Item No.	ITEM	OPERATION
-------------	------	-----------

---

12. Aircraft generally.

Remove from the aircraft all tools, rags or other Servicing materials.

13. Servicing Documents.

Sign for completing the relevant Servicing.

# HUNTER AIRCRAFT SERVICING SCHEDULES

MK.57  
(H.S.A.5)

MAJOR SERVICING  
SECTION 5 — WIRELESS  
N.C.O.

VOLUME 5, PART 4

Item No.	ITEM	OPERATION
1.	General.	(i) Read Lethal Warning Card, Safety Precautions and Servicing Notes of this Handbook. (ii) Examine the aircraft Servicing Documents for reports of any defects and for life expired component or components due for overhaul.
2.	Ejection seat(s) and hood (general safety).	Ensure that the seat(s) and hood firing unit cartridges <u>have been removed</u> by the Armament Tradesman.
<u>N.B.</u> No further servicing is to be commenced <u>until this safety condition has been carried out.</u>		
3.	(a) V.H.F. transmitter/receiver(s) ) (b) U.H.F. and Standby U.H.F. transmitter/receiver(s). ) (c) Intercommunications amplifier. ) (d) Wideband homing unit(s) ) (e) Radio compass (ARN-6) amplifier(s). ) (f) Sub-min radio compass amplifier(s). ) (g) Telebriefing unit(s). ) (as applicable) )	(i) Supervise the removal for Bay Servicing. (ii) Supervise the fitment of new or serviced items.

Item No.	ITEM	OPERATION
4.	(a) V.H.F. installation. ) (b) U.H.F. and Standby U.H.F. ) installation. ) (c) Intercommunication installation. ) (d) Wideband homing installation. ) (e) Radio compass (ARN-6) ) installation. ) (f) Sub-min radio compass ) installation. ) (g) Telebriefing installation. ) (as applicable) )	Carry out functional checks on all relevant installations as detailed in Part 2, Section 5 of this Schedule.
5.	Aircraft generally.	Supervise the removal from the aircraft of all tools, rags and other Servicing materials.
6.	Servicing Documents.	Sign for completing the relevant Servicing.

# HUNTER AIRCRAFT SERVICING SCHEDULES

**MK.57**  
(H.S.A.5)

## MAJOR SERVICING SECTION 5 — WIRELESS TRADESMEN

VOLUME 5, PART 4

Item No.	ITEM	OPERATION
1.	General.	(i) Read Lethal Warning Card, Safety Precautions and Servicing Notes of this Handbook. (ii) Examine the aircraft Servicing Documents for reports of any defects and for life expired components or components due for overhaul.
2.	Ejection seat(s) and hood (general safety)	Ensure that the seat(s) and hood firing unit cartridges <u>have been removed</u> by the Armament Tradesman.
<u>N.B.</u> No further servicing is to be commenced <u>until this safety condition has been carried out.</u>		
3.	(a) V.H.F. transmitter/receiver(s) ) (b) U.H.F. and Standby U.H.F. ) transmitter/receiver(s). ) (c) Intercommunications amplifier. ) (d) Wideband homing unit(s). ) (e) Radio compass (ARN-6) ) amplifier(s). ) (f) Sub-min radio compass ) amplifier(s). ) (g) Telebriefing unit(s). ) (as applicable) )	(i) Remove for Bay Servicing. (ii) Fit new or serviced items.

Item No.	ITEM	OPERATION
----------	------	-----------

- |    |  |  |
|----|--|--|
| 4. | Cabin.                                       |  |
|    | (a) V.H.F./U.H.F. control unit(s). )         |  |
|    | (b) Radio compass control unit(s). )         |  |
|    | (c) Sub-min radio compass control unit(s). ) |  |
|    | (d) Wideband homing control unit(s). )       |  |
|    | (e) V.H.F./U.H.F. relay box(es). )           |  |
|    | (f) Mic-tel socket(s). )                     | Examine (as applicable) for damage and security. |
|    | (g) Telebriefing lamp. )                     |  |
|    | (h) Switches. )                              |  |
|    | (j) Plugs and sockets. )                     |  |
|    | (k) Connector cables. )                      |  |
|    | (l) Colour coding. )                         | Renew as necessary.                              |
| 5. | Radio bay.                                   |  |
|    | (a) V.H.F./U.H.F. junction box(es) )         |  |
|    | (b) Radio compass junction box(es) )         |  |
|    | (c) Wideband homing junction box(es) )       |  |
|    | (d) Connector cables. )                      | Examine (as applicable) for damage and security. |
|    | (e) Mounting(s) and tray(s). )               |  |
|    | (f) Plugs and sockets. )                     |  |
|    | (g) Mic-tel socket(s). )                     |  |
|    | (h) Colour coding. )                         | Renew as necessary.                              |

# HUNTER AIRCRAFT SERVICING SCHEDULES

VOLUME 5, PART 4

**MK.57**  
(H.S.A 5)

## MAJOR SERVICING SECTION 5 — WIRELESS TRADESMEN

Item No.	ITEM	OPERATION
6.	Telebriefing plug and housing.	(i) Examine for damage and security. (ii) Examine door for close fitting to fuselage. (iii) Lightly lubricate the door hinge with oil, OX-14.
7.	V.H.F./U.H.F./Radio compass aeri-als (as applicable).	
	(a) Mounting(s).	Remove.
	(b) Base(s).	) Examine (as applicable) for damage.
	(c) Rubber grommet(s).	
	(d) Matching stub(s).	
	(e) Co-axial connector(s).	
	(f) Rod(s).	
	(g) Mounting(s).	(i) Clean and examine for damage.
	(h) Rod(s).	(ii) Refit. Coat lightly with paint, synthetic matt, yellow.
8.	(a) V.H.F. installation.	) Assist Wireless N.C.O. to carry out functional checks on all relevant installations as detailed in Part 2, Section 5 of this Schedule.
	(b) U.H.F. and Standby U.H.F. installation.	
	(c) Intercommunications installation.	
	(d) Wideband homing installation.	
	(e) Radio compass (ARN-6) installation.	
	(as applicable)	

Item  
No.

ITEM

OPERATION

- | Item No. | ITEM   | OPERATION  |
|----------|--|--|
| 8.       | (contd.)<br>(f) Sub-min radio compass installation)<br>(g) Telebriefing installation. )<br>(as applicable) | Assist Wireless N.C.O. to carry out functional checks on all relevant installations as detailed in Part 2, Section 5 of this Schedule. |
| 9.       | Aircraft generally.  | Remove from the aircraft all tools, rags and other Servicing materials.  |
| 10.      | Servicing Documents.   | Sign for completing the relevant Servicing.  |

This file was downloaded  
from the RTFM Library.

Link: [www.scottbouch.com/rtfm](http://www.scottbouch.com/rtfm)

Please see site for usage terms,  
and more aircraft documents.

