

BAY SERVICING SCHEDULES (-5F)

BAY SERVICING SCHEDULES

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Servicing notes

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SERVICING NOTES

- 1 The servicing called for in this schedule is to be done by an Aircraft Technician (Weapons).
- 2 Servicing checks detailed in this schedule are to be done by a qualified checker as defined in AP 100B-01 order 5635.
- 3 If it is necessary for ejection seat bay servicing personnel to enter a cockpit or cabin to service any part of the assisted escape system, they are to read Safety and Servicing Notes applicable to the Hunter aircraft.
- 4 The servicing operations used in servicing schedules have the meaning given in the 'Concise Oxford Dictionary' EXCEPT for the following:-
 - 4.1 Examine - Carry out a survey of the condition of an item. For example the condition of an item can be impaired by one or more of the following:-
 - 4.1.1 Insecurity of attachment
 - 4.1.2 Cracks or fractures
 - 4.1.3 Corrosion, deterioration or contamination
 - 4.1.4 Distortion
 - 4.1.5 Loose or missing rivets
 - 4.1.6 Chafing, fraying, scoring or wear
 - 4.1.7 Faulty or broken locking devices
 - 4.1.8 Loose clips or packing, obstruction of or leaks from pipelines
 - 4.1.9 External damage
 - 4.1.10 Discolouration due to overheating or leaking of fluid
 - 4.2 Inspect - Review the work carried out by tradesmen to ensure that it has been performed satisfactorily.
 - 4.3 Check - Make a comparison of a measurement of time, pressure, temperature, resistance, dimension or other quantity with a known figure for that measurement.
 - 4.4 Test - Ascertain by using the correct test equipment that a component or system functions correctly.
 - 4.5 Operate - Ensure that an item of system functions correctly as far as possible without the use of test equipment or reference to measurement.
 - 4.6 Fit - Correctly attach one item to another.
 - 4.7 Refit - Fit an item which has previously been removed.
 - 4.8 Replace - Remove an item and fit a new or serviced item.
 - 4.9 Disconnect - Uncouple or detach cables, pipelines or controls.
 - 4.10 Reconnect - Reverse of disconnect.
- 5 For further information on testing, servicing, dismantling and reassembly procedures, the following publications are to be consulted:-
 - 5.1 AP 109F-0104-1

6 Stiffnuts (Self Locking nuts). Stiffnuts may be used on this equipment and although supplied under a single stores reference number, may be of three different types; Aerotight, Philidas and Oddie. The Oddie nut is not approved for use on this equipment and is not to be fitted (AP 1464B Vol 1, Pt 2, Sect 6, Chap 5 details the difference between stiffnut types).

Note ...

ATL 1/81 incorporated.

Chapter 1

CANOPY JETTISON EQUIPMENT

(Hunter F Mk 6, F (GA) Mk 9 and FR Mk 10 aircraft)

CANOPY JETTISON JACK

ANNUAL BAY SERVICING

Item No	Item	Operation
Servicing Notes on pages (iii)/(iv) are to be read before servicing is commenced.		
1	<u>Canopy Jack Assembly</u>	
1.1	Jack body	<ul style="list-style-type: none"> (i) Dismantle as detailed in AP 109F-0104-1. (ii) Clean using a clean dry rag. (iii) Examine for damage and corrosion. (iv) Examine the threads for damage. (v) Lightly lubricate the bore with (Grease XG-285 Nato G-355).
1.2	During this sub-item, if there is any doubt as to whether a crack exists, then a further examination of the area concerned is to be carried out using 4XA 6509612 Micro Binoculars or 4XA 2082060 Nikon Microscope (to be used with 4XA 2141054 Illuminator).	
	Bottom fitting	<ul style="list-style-type: none"> (i) Clean. (ii) Examine, and particularly the threads using X10 magnifier. (iii) Lubricate threads lightly (Grease XG-285 Nato G-355).
1.3	Locking ring	<ul style="list-style-type: none"> (i) Examine for damage and corrosion. (ii) Examine the threads for damage. (iii) Lightly lubricate the threads with (Grease XG-285 Nato G-355).
1.4	Piston assembly	<ul style="list-style-type: none"> (i) Clean using a clean dry rag. (ii) Examine for corrosion and burrs, paying particular attention to the piston head. (iii) Ensure that the piston head is secure. (iv) Examine the distance spigot for damage, distortion and security of attachment. (v) Lightly lubricate with (Grease XG-285 Nato G-355).

Chapter 1 (contd)

Item No	Item	Operation
1.5	(a) Locking plunger (b) Plunger spring (c) Spring retainer	(i) Examine for damage and corrosion. (ii) Examine the locking plunger for wear. (iii) Lightly lubricate with (Grease XG-285 Nato G-355).
1.6	(a) Lock operating lever (b) Lever axis	(i) Inspect for issue numbers. Retain those identified as issue 4 or subsequent issue numbers for re-use. (ii) Examine for corrosion and damage. Examine for corrosion and damage.
1.7	Servicing checks	Inspect work carried out at sub-items 1.1 to 1.6 inclusive.
1.8	Canopy jack assembly	Re-assemble as detailed in AP 109F-0104-1.
1.9	Servicing checks	Inspect work carried out at Sub-item 1.8.
2.	Documentation	
	(a) Form 731	Complete a F731 and attach it to the jack.
	(b) Form 720	(i) Sign as having completed the annual servicing of the canopy jettison jack. (ii) Enter and sign a certificate for completion of the servicing checks in accordance with the instruction contained in AP 100B-01 Order 5635.

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