

HUNTER AIRCRAFT SERVICING SCHEDULES

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

BAY SERVICING SECTION 3 UNPACKING AND BUILD-UP OF E.C.U.

VOLUME 5, PART 6

ENGINE N.C.O.

Item No.	ITEM	OPERATION
1.	Engine packing case.	(i) Supervise attachment of four point sling to the lid. (ii) Supervise removal of the lid.
2.	Engine Documents.	Check the entries on the Engine Record Card and pass to the relevant Authority.
3.	E.C.U. and transportation stand.	(i) Supervise attachment of four point sling to the engine transportation stand. (ii) Supervise removal of E.C.U. and transportation stand from case and fitment to servicing trolley.
4.	Moisture and vapour proof bag.	(i) Supervise removal from E.C.U. (ii) Enter serviceability state and details on the relevant Documents.
5.	E.C.U.	Check against Engine Checking List.
6.	Servicing Documents.	Sign for completing the relevant Servicing.

Item
No.

ITEM

OPERATION

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VOLUME 5, PART 6

ENGINE TRADESMAN

Item No.	ITEM	OPERATION
1.	Engine packing case.	(i) Fit four point sling to case lid. (ii) Remove retaining bolts and lift off lid. <u>NOTE:-</u> Remove lid carefully to avoid damaging the moisture and vapour proof bag. (iii) Lift clear of engine and remove sling. (iv) Remove the Engine Documents from case and pass to the Engine N.C.O.
2.	E.C.U. and transportation stand.	(i) Fit four point sling to engine transportation stand. <u>NOTE:-</u> Do not sling E.C.U. and stand by engine slinging eyes. (ii) Take weight on crane. (iii) Remove bolts from base of transportation stand. (iv) Lift E.C.U. and stand clear of case. (v) Fit and secure to servicing trolley. (vi) Take weight off crane and remove sling.
3.	E.C.U. and servicing trolley.	Transport to Engine Bay.

Item
No.

ITEM

OPERATION

4. Moisture and vapour proof bag.
- (a) M.V.P. bag.
- (i) Cut off a 5/8 in. wide strip from outer part of the large sealing flap for its whole length.
 - (ii) Separate the flaps.
 - (iii) Remove sealing tape from zip fastener (if fitted).
 - (iv) Open zip fastener to full extent.
 - (v) Ease carefully off E.C.U.
 - (vi) Remove cellulose wadding from E.C.U. and retain for further use.
 - (vii) Remove dessicant bandoliers.
- (b) E.C.U. and transportation stand.
- (i) Fit sling to engine and take weight on crane.
 - (ii) Remove trunnion set bolts.
 - (iii) Remove front suspension link bolts at E.C.U. end.
 - (iv) Position front suspension links clear of E.C.U.
 - (v) Lift E.C.U. clear of stand.
- NOTE:- Care is to be taken to avoid damaging the M.V.P. bag.

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Item No.	ITEM	OPERATION
4.	Moisture and vapour proof bag (contd.)	
	(c) Transit/servicing front suspension links.	(i) Remove retaining bolts and remove from stand. (ii) Carefully remove M.V.P. bag clear of stand. (iii) Refit links to stand, ensuring correct assembly. (iv) Refit and tighten retaining bolts.
	(d) E.C.U. and transportation stand.	(i) Lower into stand, ensuring front suspension links are clear of E.C.U. (ii) Reconnect front suspension links, refit and tighten retaining bolts. (iii) Refit and tighten trunnion set bolts. (iv) Remove sling.
5.	E.C.U.	(i) Remove air intake blank and exhaust blanking cover. (ii) Examine all pipelines, connections and electrical wiring for security of attachment and correct locking.

Item No.	ITEM	OPERATION
5.	E.C.U. (contd.)	(iii) Examine fireproof bulkhead seal for correct positioning in channel, deterioration and damage. (iv) Examine for corrosion and damage. (v) Assist Engine N.C.O. to check E.C. U. against Engine Documents.
6.	(a) Compressor.	(i) Examine, as far as possible, the rotor and stator vanes for corrosion and damage. (ii) Turn compressor by hand, and check for freedom of movement.
	(b) Air intake guide vanes.	Examine for corrosion and damage.
	(c) Exhaust unit.	Examine, as far as possible, turbine blades for corrosion and damage.
<u>N.B.</u>	Item 7 is applicable only to E.C.U.s <u>without Mod. AVON/498 embodied.</u>	
7.	Starter motor (if fitted)	(i) Prime with 100 ccs. of engine oil to required Specification. (ii) Fit to engine. (iii) Fit and tighten retaining nuts.
8.	Moisture and vapour proof bag.	(i) Inspect M.V.P. bag for damage and inform Engine N.C.O. (ii) Arrange for disposal if not required for use. (See A.P.4471A, Vol.1, Part 1, Sect.1, or relevant authorised instructions).

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<u>Item No.</u>	<u>ITEM</u>	<u>OPERATION</u>
9.	E.C.U. generally.	Remove all tools, rags and other Servicing materials.
10.	Servicing Documents.	Sign for completing the relevant Servicing.

Item
No.

ITEM

OPERATION

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