

PROPULSION MP 105(1) (1 to 10)		MAINTENANCE PROCEDURES COMPONENT REPLACEMENTS CANBERRA PR9		AP101B-0409A-5A3A 2nd Edition Sect 1 Chap 4		Maintenance Record Aircraft or Equipment Serial No:		MOD Form 707MS (Revised Jan 01) Date:			
ECU AVON 20601 - REMOVAL											
INFORMATION IN THE TOPIC 5A2 IS TO BE CONSULTED THROUGHOUT THE WORK DETAILED ON THIS CARD						Tradesman		Brief Details of		Supervisor	
Associated Procedures						Code	Man Hrs	Certification and TDM	suspected fault(s) and SNOW(s)	Man Hrs	Certification and TDM
<u>Special Tools and Equipment:</u> Wing Bridge Piece, 26FZ/0095522. Avon Engine Universal Sling Mk2, 4G/4232188.											
WARNING AVTUR IS A HAZARDOUS SUBSTANCE. OIL OX-38 IS A HAZARDOUS SUBSTANCE.											
BLOCK 1 ELECTRICAL 1. <u>Preparation</u> 1.1 Battery isolation switch. Ensure set to 'OFF'. 1.2 External power supply. Ensure disconnected.											
BLOCK 2 AIRFRAME 2. <u>Preparation</u> 2.1 Undercarriage cowling flap (a) Actuating link.) Disconnect. (b) Cable.)											
E0393(185)						Continued					

PROPULSION MP 105(2)	MAINTENANCE PROCEDURES COMPONENT REPLACEMENTS CANBERRA PR9	AP101B-0409A-5A3A 2nd Edition Sect 1 Chap 4	Maintenance Record Aircraft or Equipment Serial No: _____ Date: _____				MOD Form 707MS (Revised Jan 01)	
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BLOCK 1	PROPULSION	Code	Man Hrs	Certification and TDM	suspected fault(s) and SNOW(s)	Man Hrs	Certification and TDM	
3. <u>Preparation</u>								
3.1 Service panel (No.43 lower).)								
3.2 Bottom rear cowl) (No.62 lower).)								
3.3 Top rear cowl (No.45 upper).) Remove.								
3.4 Nose cowl (No.42 lower).)								
3.5 Jet pipe fairing) (No.12 lower).)								
E0393(185A)			Continued					

PROPULSION MP 105(3)		MAINTENANCE PROCEDURES COMPONENT REPLACEMENTS CANBERRA PR9		AP101B-0409A-5A3A 2nd Edition Sect 1 Chap 4		Maintenance Record Aircraft or Equipment Serial No:		MOD Form 707MS (Revised Jan 01) Date:			
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BLOCK 1 ELECTRICAL						Code	Man Hrs	Certification and TDM	suspected fault(s) and SNOW(s)	Man Hrs	Certification and TDM
4. <u>Preparation</u>											
WARNING THE DISCHARGE FROM THE HIGH ENERGY IGNITION SYSTEM CAN BE FATAL. BEFORE COMMENCING ANY MAINTENANCE A MINIMUM PERIOD OF 1 MINUTE MUST ELAPSE AFTER DISCONNECTION OF LT LEADS BEFORE PROCEEDING.											
4.1 HE ignition unit LT lead) (2 off).)											
4.2 Starter high frequency) ignition LT lead.)											
4.3 Plug and socket at engine) Disconnect. bulkhead (3 off).)											
4.4 Overspeed switch cable.)											
4.5 Firewire (Inboard and) outboard connections).)											
4.6 HT lead (2 off).)											
Sub-item 4.7 is applicable only to port ECU.											
4.7 Fuse Nos.59, 61 and 188. Remove.											
Sub-item 4.8 is applicable only to starboard ECU.											
4.8 Fuse Nos.60, 62 and 203. Remove.											
E0393(186)						Continued					

PROPULSION MP 105(5)	MAINTENANCE PROCEDURES COMPONENT REPLACEMENTS CANBERRA PR9	AP101B-0409A-5A3A 2nd Edition Sect 1 Chap 4	Maintenance Record Aircraft or Equipment Serial No: _____ Date: _____				
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BLOCK 1	PROPULSION	Code	Man Hrs	Certification and TDM	suspected fault(s) and SNOW(s)	Man Hrs	Certification and TDM
7. <u>Preparation</u> 7.1 Fuel heater hot air pipe. (i) Disconnect. (ii) Remove. 7.2 Fireproof bulkhead side Remove. plates. 7.3 Wing tip tank and recuperator Disconnect. pressurizing air pipe. 7.4 Accessory gearbox drive (i) Disconnect. shaft. (ii) Remove. WARNING AVPIN IS A HAZARDOUS SUBSTANCE. 7.5 IPN tank. Drain. 7.6 Main fuel feed pipe.) Disconnect. 7.7 Recuperator fuel feed pipe.) Sub-item 7.8 is applicable only to starboard ECU. 7.8 Engine fuel distribution Remove. pipe. 7.9 IPN starter fuel pipe.) (i) Disconnect. 7.10 IPN starter air pipe.) (ii) Remove.							
E0393(187)		Continued					

PROPULSION MP 105(6)		MAINTENANCE PROCEDURES COMPONENT REPLACEMENTS CANBERRA PR9		AP101B-0409A-5A3A 2nd Edition Sect 1 Chap 4		Maintenance Record Aircraft or Equipment Serial No: _____ Date: _____				MOD Form 707MS (Revised Jan 01)	
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BLOCK 1 PROPULSION						Code	Man Hrs	Certification and TDM	suspected fault(s) and SNOW(s)	Man Hrs	Certification and TDM
7. <u>Preparation</u> (Contd)											
7.11 Throttle and HP cock control rod. Disconnect.											
7.12 Transition piece.)											
7.13 Front joint heat shield.) Remove.											
7.14 Jet pipe joint heat shield.)											
7.15 Keep plate (2 off).)											
CAUTION											
EQUIPMENT DAMAGE. During Sub-item 7.16 care is to be taken not to strain or damage thermocouple cables.											
7.16 Jet pipe. Move rearward as far as possible.											
7.17 ECU cooling air outlet ducts.)											
7.18 Fuel cooled oil cooler overboard drain.) Remove.											
7.19 Combustion chamber drain banjo.)											
7.20 Fuel control unit drain. Disconnect at rear firewall adapter.											
E0393(187A)						Continued					

PROPULSION MP 105(7)		MAINTENANCE PROCEDURES COMPONENT REPLACEMENTS CANBERRA PR9		AP101B-0409A-5A3A 2nd Edition Sect 1 Chap 4		Maintenance Record Aircraft or Equipment Serial No:		MOD Form 707MS (Revised Jan 01)			
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BLOCK 1 PROPULSION SNCO				Code	Man Hrs	Certification and TDM	suspected fault(s) and SNOW(s)		Man Hrs	Certification and TDM	
8. <u>Removal</u>											
8.1 Engine sling.											

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BLOCK 1 PROPULSION						Code	Man Hrs	Certification and TDM	suspected fault(s) and SNOW(s)	Man Hrs	Certification and TDM
9. Completion											
Sub-item 9.1 is applicable only to starboard ECU.											
9.1 Engine fuel distribution pipe. Refit.											
9.2 Air intake lip de-icing pipe. Remove.											
Sub-items 9.3 and 9.4 are applicable only if port ECU is being replaced.											
9.3 Breather pipe.)											
9.4 Breather pipe support brackets.) Remove.											
Sub-item 9.5 is applicable only if ECU is being replaced.											
9.5 Starter. Remove (MP 109).											
BLOCK 2 AIRFRAME											
10. Examination											
10.1 Engine forward mounting bracket (2 off) (1600007).) Examine.						Tech					
10.2 Engine rear mounting bracket (2 off) (1600020).)											
E0393(188A)											
Continued											

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PROPULSION
MP 105(10)

MAINTENANCE PROCEDURES
COMPONENT REPLACEMENTS
CANBERRA PR9

AP101B-0409A-5A3A
2nd Edition
Sect 1
Chap 4

Maintenance Record

MOD Form 707MS
(Revised Jan 01)

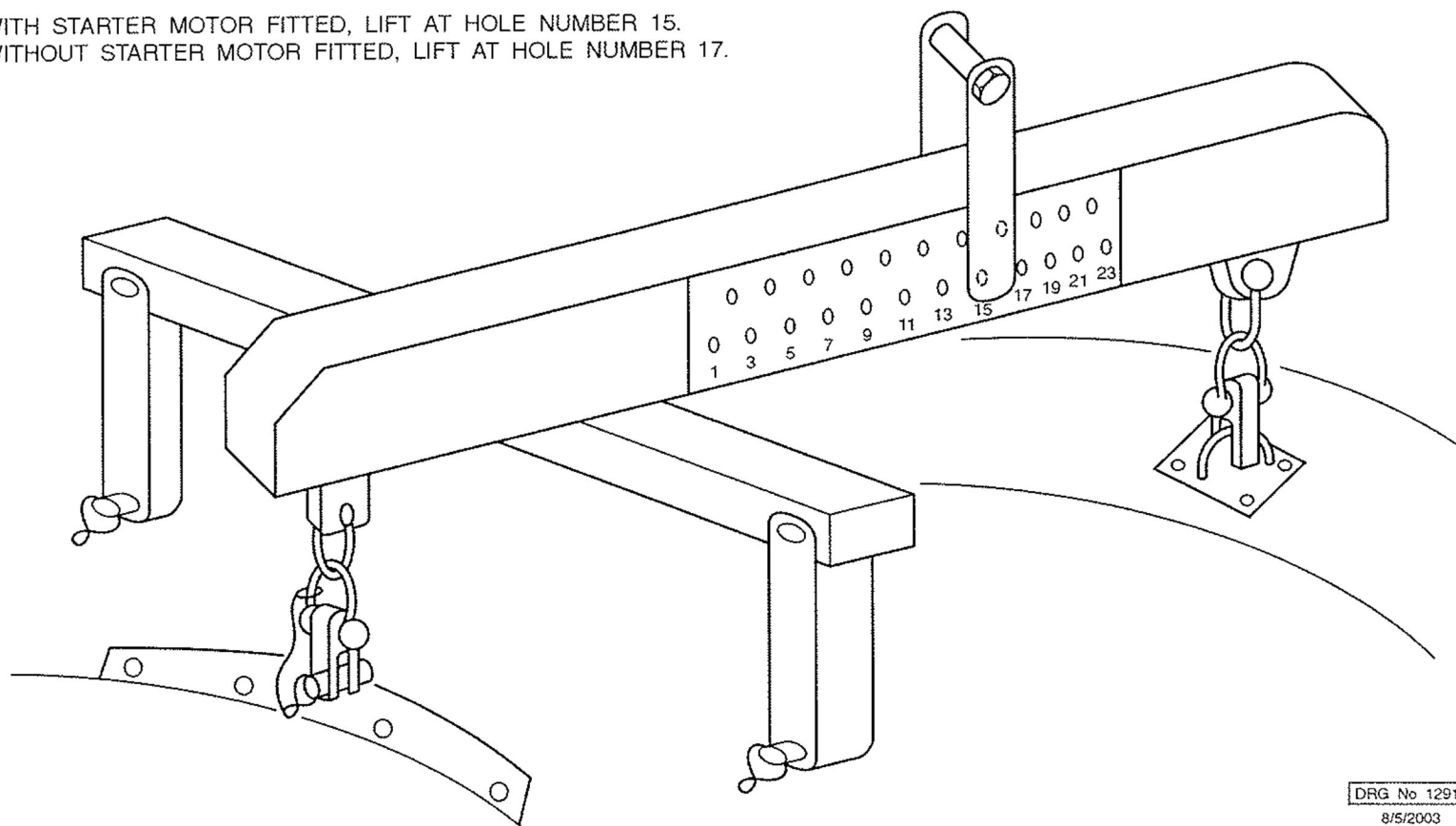
Aircraft or Equipment
Serial No:

Date:

ECU AVON 20601 - REMOVAL

INFORMATION IN THE TOPIC 5A2 IS TO BE CONSULTED THROUGHOUT THE WORK DETAILED ON THIS CARD

1. WITH STARTER MOTOR FITTED, LIFT AT HOLE NUMBER 15.
2. WITHOUT STARTER MOTOR FITTED, LIFT AT HOLE NUMBER 17.



DRG No 12911
8/5/2003

Fig 1 Engine Lifting Beam Balance Points