

P.F.15

Chap 4 PROPULSION Card 1		100 HOURS (PRIMARY) VARSITY T1	AP 101B-3201-5B2 (1st Ed)	POWER	N/A
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.				BLOCK Nos	
<u>Special Tools and Equipment</u> Nil.					1 2 3
BLOCK 1		MAINPLANES		TIME Est Act	2.0
<u>Port Engine Cowlings</u>					
040601 Cowlings.		Open.			
BLOCK 2		ENGINE OIL SYSTEM		ASSOCIATED CARDS	
<u>Port Engine</u>					
Sump.		Drain.			
042907 Scavenge filter element.		(i) Remove. (ii) Examine. (iii) Clean.			
042908 Scavenge filter sealing washer.		Examine.			
042907 Scavenge filter element.		Refit.			
BLOCK 3		MAINPLANES		CARD No	1
<u>Port Nacelle</u>					
040616 Fireproof bulkhead.		Examine and particularly for cracks in area of throttle lever bracket.			
<u>Port Engine Installation</u>				TRADE	Propulsion
040602 Bulkhead top member attachment brackets.		Examine.			
DM 63661 (49)				SERVICING	100 Hr (Primary)

Chap 4 PROPULSION Card 2		100 HOURS (PRIMARY) VARSITY T1	AP 101B-3201-5B2 (1st Ed)	POWER	BLOCK Nos			TIME Est	Act	ASSOCIATED CARDS	CARD No	TRADE	SERVICING
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.													
<u>Special Tools and Equipment</u> Nil.													
BLOCK 1		MAINPLANES											
<u>Starboard Engine Cowlings</u>													
040601 Cowlings.		Open.											
BLOCK 2		ENGINE OIL SYSTEM											
<u>Starboard Engine</u>													
Sump.		Drain.											
042907 Scavenge filter element.		(i) Remove. (ii) Examine. (iii) Clean.											
042908 Scavenge filter sealing washer.		Examine.											
042907 Scavenge filter element.		Refit.											
BLOCK 3		MAINPLANES											
<u>Starboard Nacelle</u>													
040616 Fireproof bulkhead.		Examine and particularly for cracks in area of throttle lever bracket.											
<u>Starboard Engine Installation</u>													
040602 Bulkhead top member attachment brackets.		Examine.											
DM 63661 (50)													

Chap 4 PROPULSION Card 3 AL 13		100 HOURS (PRIMARY) VARSITY T1		AP 101B-3201-5B2 (1st Ed)		POWER		N/A	
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.						BLOCK Nos			
<u>Special Tools and Equipment</u> Nil.						TIME		1 2 3	
BLOCK 1 BASIC ENGINES						Est		2.7	
<u>Port Engine</u> 042702 Engine installation. Look for leaks. 042705 Engine shoulder cowl. Examine for cracking and burning, particularly in vicinity of exhaust system. 042704 Cylinder baffles and ignition shields Examine.						ASSOCIATED CARDS			
<u>Port Exhaust System</u> 042706 System Examine and particularly for signs of burning and gas leakage. 042707 Exhaust manifolds Examine for cracks in vicinity of mounting brackets.						CARD No		3	
BLOCK 2 ENGINE STARTING AND IGNITION SYSTEM						TRADE		Propulsion	
<u>Port Engine</u> 043001 Pipelines.) 043002 Injector) Examine. carburettor.) 043004 Cam linkage chamber. Replenish with clean engine oil. 043006 Boost chamber. (i) Drain. (ii) Back flush. (iii) Replenish with clean fuel.						SERVICING		100 Hr (Primary)	
TC/9/72/Enc 65 (3)									

Chap 4 PROPULSION Card 4 AL 13	100 HOURS (PRIMARY) VARSITY T1	AP 101B-3201-5B2 (1st Ed)	POWER	N/A
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.			BLOCK Nos	
<u>Special Tools and Equipment</u> Nil.				
BLOCK 1 BASIC ENGINES			TIME Est Act	1 2 3
<u>Starboard Engine</u>				
042702 Engine installation.	Look for leaks.		2.7	
042705 Engine shoulder cowl.	Examine for cracking and burning, particularly in vicinity of exhaust system.			
042704 Cylinder baffles and ignition shields	Examine.			
<u>Starboard Exhaust System</u>				
042706 System	Examine and particularly for signs of burning and gas leakage.			
042707 Exhaust manifolds	Examine for cracks in vicinity of mounting brackets.			
BLOCK 2 ENGINE STARTING AND IGNITION SYSTEM			ASSOCIATED CARDS	
<u>Starboard Engine</u>				
043205 Hand turning shaft bearings.	Lubricate. (Oil, OM-150).		CARD No	4
BLOCK 3 ENGINE FUEL SYSTEM				
<u>Starboard Engine</u>				
043001 Pipelines.	} Examine.		TRADE	Propulsion
043002 Injector carburettor.				
043004 Cam linkage chamber.	Replenish with clean engine oil.			
043006 Boost chamber.	(i) Drain. (ii) Back flush. (iii) Replenish with clean fuel.		SERVICING	100 Hr (Primary)
TC/9/72/Enc 65 (4)				

P.F.15

Chap 4 PROPULSION Card 5 AL 1		100 HOURS (PRIMARY) VARSITY T1		AP 101B-3201-5B2 (1st Ed)		POWER	N/A
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.						BLOCK Nos	
<u>Special Tools and Equipment</u> Nil.							
BLOCK 1 MAINPLANES						TIME	1
<u>Port Air Intake</u>						Est	2.0
040606 Air intake screen.) 040608 Air intake duct.) 040615 Backfire relief shutter.) Examine. 040610 Hot/cold shutter controls.)							
040607 Air intake filter element. (i) Remove. (ii) Examine. (iii) Clean. (iv) Refit.						ASSOCIATED CARDS	
040611 Hot/cold shutter control joints. Lubricate. (Grease, XG-278).							
040612 Hot/cold shutter control bearings.) 040614 Filtered/unfiltered shutter bearings.) Lubricate. (Oil, OM-150).							
BLOCK 2 MAINPLANES						CARD No	5
<u>Port Engine Cowlings</u>						TRADE	Propulsion
040601 Cowlings. (i) Examine. (ii) Lubricate. (Grease, XG-278).							
040619 Shock absorber damper. (i) Operate. (ii) Look for signs of leaks.							
S.M.69/1869 (12)						SERVICING	100 Hr (Primary)

P.F.15

Chap 4 PROPULSION Card 6 AL 1	100 HOURS (PRIMARY) VARSITY T1	AP 101B-3201-5B2 (1st Ed)	POWER
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.			BLOCK Nos
<u>Special Tools and Equipment</u> Nil.			TIME Est Act
BLOCK 1 MAINPLANES			ASSOCIATED CARDS
<u>Starboard Air Intake</u>			
040606 Air intake screen.)			
040608 Air intake duct.)			
040615 Backfire relief shutter.)	Examine.		
040610 Hot/cold shutter controls.)			
040607 Air intake filter element.)	(i) Remove. (ii) Examine. (iii) Clean. (iv) Refit.		
040611 Hot/cold shutter control joints.)	Lubricate. (Grease, XG-278).		
040612 Hot/cold shutter control bearings.)			
040614 Filtered/unfiltered shutter bearings.)	Lubricate. (Oil, OM-150).		
BLOCK 2 MAINPLANES			CARD No
<u>Starboard Engine Cowlings</u>			
040601 Cowlings.)	(i) Examine. (ii) Lubricate. (Grease, XG-278).		
040619 Shock absorber damper.)	(i) Operate. (ii) Look for signs of leaks.		
S.M.69/1869 (13)			SERVICING 100 Hr (Primary)

P.F.15

Chap 4 PROPULSION Card 7		100 HOURS (PRIMARY) VARSITY T1	AP 101B-3201-5B2 (1st Ed)	POWER	N/A
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.				BLOCK Nos	
<u>Special Tools and Equipment</u> Nil.					
BLOCK 1 EMERGENCY EQUIPMENT				TIME Est Act	1
<u>Crew Compartment</u>					0.8
040702 Extinguisher Examine. mounting brackets. (4 off).					
<u>Bomb Aimer's Compartment</u>					
040704 Extinguisher Examine. mounting brackets. (2 off).					
<u>Rear Face of Main Spar</u>					
040706 Extinguisher Examine. mounting brackets. (2 off).					
<u>Rear Entrance Door</u>					
040708 Extinguisher Examine. mounting bracket.					
<u>Navigator's Station</u>					
040710 Extinguisher Examine. mounting bracket.					
				ASSOCIATED CARDS	
				CARD No	7
				TRADE	Propulsion
DM 63661 (55)				SERVICING	100 Hr (Primary)

Chapt 4 PROPULSION
Card 8
AL 11

100 HOURS
(PRIMARY)
VARSITY T1

AP 101B-3201-5B2
(1st Ed)

Safety and Servicing Notes are to be complied with
throughout the work detailed on this card.

Special Tools and Equipment
Nil.

BLOCK 1

AIRCRAFT FUEL SYSTEM

Port Mainplane

044603 Water/sediment
drains. (6 off).

Water/sediment check.

044604 Tank filler neck
drain pipes. (6 off).

Ensure clear.

Port Nacelle

044607 Collector box.

(i) Water/sediment check.
(ii) Examine.

044610 Main filter
support bracket.

Examine.

044635 Main fuel cock
sliding portion.

(i) Booster pump
switch 'ON'.
(ii) Check for signs of
fuel leakage in
'CLOSED' position.
(iii) Check for signs of
fuel leakage in
'OPEN' position.
(iv) Booster pump
switch 'OFF'.
(v) Lubricate.
(Grease, XG-235).

Port Inner Mainplane

044613 Cross-feed cock
sliding portion

Lubricate.
(Grease, XG-235).

POWER

ON

BLOCK Nos

1

TIME
Est Act

1.0

ASSOCIATED CARDS

CARD No

8

TRADE

Propulsion

SERVICING

100 Hr (Primary)

Chap 4 PROPULSION
Card 9
AL 11

100 HOURS
(PRIMARY)
VARSITY T1

AP 101B-3201-5B2
(1st Ed)

Safety and Servicing Notes are to be complied with
throughout the work detailed on this card.

Special Tools and Equipment
Nil.

BLOCK 1 AIRCRAFT FUEL SYSTEM

Starboard Mainplane

044603 Water/sediment
drains. (6 off).

Water/sediment check.

044604 Tank filler neck
drain pipes. (6 off).

Ensure clear.

Starboard Nacelle

044607 Collector box.

(i) Water/sediment check.
(ii) Examine.

044610 Main filter
support bracket.

Examine.

044635 Main fuel cock
sliding portion.

(i) Booster pump
switch 'ON'.
(ii) Check for signs of
fuel leakage in
'CLOSED' position.
(iii) Check for signs of
fuel leakage in
'OPEN' position.
(iv) Booster pump
switch 'OFF'.
(v) Lubricate.
(Grease, XG-235).

POWER

ON

BLOCK Nos

TIME
Est Act

1

1.0

ASSOCIATED CARDS

CARD No

9

TRADE

Propulsion

SERVICING

100 Hr (Primary)

P.F.15

Chap 4 PROPULSION Card 10		100 HOURS (PRIMARY) VARSITY T1	AP 101B-3201-5B2 (1st Ed)	POWER	N/A
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.				BLOCK Nos	
<u>Special Tools and Equipment</u> Nil.				TIME Est	1.0
BLOCK 1 ENGINE CONTROL SYSTEM				Act	1
<u>Port Engine (Forward of Bulkhead)</u>				ASSOCIATED CARDS	
043325	CSU sliding tube end fittings.	Lubricate. (Grease, XG-278).			
043326	Bulkhead, CSU guide bracket, oilite bush.	Lubricate. (Oil, OM-13).			
043328	CSU connectors.	Examine and particularly locknuts for insecurity.			
043332	Throttle control layshaft.	Lubricate. (Grease, XG-278).			
043333	Metering unit control shaft bearing.				
043334	Ignition cam track race.				
043335	Intermediate control shaft bearing.				
043330	Cut-out controls.	(i) Slide heat shield forward. (ii) Examine. (iii) Reposition heat shield.	CARD No	10	
043336	Control link rods.	(i) Examine. (ii) Lubricate with clean engine oil.	TRADE	Propulsion	
DM 63661 (58)				SERVICING	100 Hr (Primary)

P.F.15

Chap 4 PROPULSION Card 11		100 HOURS (PRIMARY) Varsity T1	AP 101B-3201-5B2 (1st Ed)	POWER	N/A
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.				BLOCK	Nos
<u>Special Tools and Equipment</u> Nil.				TIME	Est
BLOCK 1 ENGINE CONTROL SYSTEM				Act	1.0
<u>Starboard Engine</u> (Forward of Bulkhead)				ASSOCIATED	CARDS
043325	CSU sliding tube end fittings.	Lubricate. (Grease, XG-278).			
043326	Bulkhead, CSU guide bracket, oilite bush.	Lubricate. (Oil, OM-13).			
043328	CSU connectors.	Examine and particularly locknuts for insecurity.			
043332	Throttle control layshaft.				
043333	Metering unit control shaft bearing.				
043334	Ignition cam track race.	Lubricate. (Grease, XG-278).			
043335	Intermediate control shaft bearing.				
043330	Cut-out controls.	(i) Slide heat shield forward. (ii) Examine. (iii) Reposition heat shield.	CARD No	11	
043336	Control link rods.	(i) Examine. (ii) Lubricate with clean engine oil.	TRADE	Propulsion	
DM 63661 (59)				SERVICING	100 Hr (Primary)

Chap 4 PROPULSION
Card 12

100 HOURS
(PRIMARY)
VARSITY T1

AP 101B-3201-5B2
(1st Ed)

Safety and Servicing Notes are to be complied with throughout the work detailed on this card.

Special Tools and Equipment
Nil.

BLOCK 1

ENGINE CONTROL SYSTEM

This is applicable only to aircraft Post Mod 548 and Pre Mod 695.

Crew Compartment

043307 Throttle lever
spring catch.

Examine. (SP 523).

BLOCK 2

ENGINE CONTROL SYSTEM

Crew Compartment

043308 Fuel master cocks
and cross-feed
cock controls.

- (i) Remove gap plate.
- (ii) Examine springs
(26FL/7408) at
open and closed
end of slots.
- (iii) Refit gap plate.
- (iv) Ensure movement is
full and free.

DM 63661 (60)

POWER

N/A

BLOCK Nos

TIME
Est Act

2.5

ASSOCIATED CARDS

SP 523

CARD No

12

TRADE

Propulsion

SERVICING

100 Hr (Primary)

Chap 4 PROPULSION 100 HOURS AP 101B-3201-5B2
 Card 13 (PRIMARY) (1st Ed)
 VARSITY T1

Safety and Servicing Notes are to be complied with throughout the work detailed on this card.

Special Tools and Equipment
 Nil.

BLOCK 1

ENGINE OIL SYSTEM

Port Engine

042914 Oil cooler shutter actuator bolt.
 (Connecting fork end to operating arm).

Ensure free to rotate in fork end.

Note:- Where bolt does not rotate freely ensure correct bolt (VGS 1145-C30) fitted.

Oil cooler shutter actuator, fork end.

Examine and particularly for distortion.

BLOCK 2

ENGINE OIL SYSTEM

Port Engine

042905 Cooler.

Examine.

042911 Cooler shutter control rod joints, cross-shaft and lever.

(i) Examine.
 (ii) Lubricate.
 (Oil, OM-150).

042912 Cooler shutter inching control.

Clean.

DM 63661 (61)

POWER

N/A

BLOCK Nos

1

2

TIME
Est Act

2.0

ASSOCIATED CARDS

CARD No

13

TRADE

Propulsion

SERVICING

100 Hr (Primary)

Chap 4 PROPULSION
Card 14

100 HOURS
(PRIMARY)
VARSITY T1

AP 101B-3201-5B2
(1st Ed)

Safety and Servicing Notes are to be complied with throughout the work detailed on this card.

Special Tools and Equipment
Nil.

BLOCK 1 ENGINE OIL SYSTEM

Starboard Engine

042914 Oil cooler shutter actuator bolt.
(Connecting fork end to operating arm).

Ensure free to rotate in fork end.
Note:- Where bolt does not rotate freely ensure correct bolt (VGS 1145-C30) fitted.

Oil cooler shutter actuator, fork end.

Examine and particularly for distortion.

BLOCK 2 ENGINE OIL SYSTEM

Starboard Engine

042905 Cooler.

Examine.

042911 Cooler shutter control rod joints, cross-shaft and lever.

(i) Examine.
(ii) Lubricate.
(Oil, OM-150).

042912 Cooler shutter inching control.

Clean.

DM 63661 (62)

POWER

N/A

BLOCK Nos

1 2

TIME
Est Act

2.0

ASSOCIATED CARDS

CARD No

14

TRADE

Propulsion

SERVICING

100 Hr (Primary)

P.F.15

Chap 4 PROPULSION Card 15		100 HOURS (PRIMARY) VARSITY T1	AP 101B-3201-5B2 (1st Ed)	POWER	BLOCK Nos			TIME Est Act	ASSOCIATED CARDS	CARD No	TRADE	SERVICING
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.												
<u>Special Tools and Equipment</u> Nil.												
BLOCK 1		PROPELLERS										
<u>Port Spinner Assembly</u>												
042802 Spinner.	(i) Remove. (ii) Examine.						1.3					
042804 Spinner support plates. (Type 4CMV33-2).	} Examine.											
042806 Spinner backplate.												
042805 Spinner locking device.	Lubricate. (Grease, XG-278).											
BLOCK 2		PROPELLERS										
This Block is applicable only to aircraft Pre Mod S199.												
<u>Port Spinner Assembly</u>												
042803 Spinner support plate flexible rings. (Type 4CMV33-2).	Examine and particularly for cracks and distortion.											
BLOCK 3		PROPELLERS										
<u>Port Propeller</u>												
042801 Propeller.	Examine for signs of leaks and damage.											
042802 Spinner.	Refit.											
DM 63661 (63)												

N/A

3

2

1

1.3

15

Propulsion

100 Hr (Primary)

Chap 4 PROPULSION Card 16		100 HOURS (PRIMARY) VARSITY T1	AP 101B-3201-5B2 (1st Ed)	POWER	N/A
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.				BLOCK Nos	
<u>Special Tools and Equipment</u> Nil.					1 2 3
BLOCK 1 PROPELLERS				TIME Est Act	1.3
<u>Starboard Spinner Assembly</u>					
042802 Spinner. (i) Remove. (ii) Examine.					
042804 Spinner support plates.) (Type 4CMV33-2).) Examine.					
042806 Spinner backplate.)					
042805 Spinner locking device. Lubricate. (Grease, XG-278).					
BLOCK 2 PROPELLERS				ASSOCIATED CARDS	
This Block is applicable only to aircraft Pre Mod S199.					
<u>Starboard Spinner Assembly</u>					
042803 Spinner support plate flexible rings. Examine and particularly for cracks and distortion. (Type 4CMV33-2).					
BLOCK 3 PROPELLERS				CARD No	16
<u>Starboard Propeller</u>					
042801 Propeller. Examine for signs of leaks and damage.				TRADE	Propulsion
042802 Spinner. Refit.					
DM 63661 (64)				SERVICING	100 Hr (Primary)

Chap 4 PROPULSION
Card 17
AL 7

100 HOURS
(PRIMARY)
VARSITY T1

AP 101B-3201-5B2
(1st Ed)

Safety and Servicing Notes are to be complied with throughout the work detailed on this card

Special Tools and Equipment
Nil.

BLOCK 1 VACUUM SYSTEM

Port Auxiliary Gearbox

- 045601 Oil separator. Examine.
- 045602 Pipeline. Examine and particularly
(Vacuum pump to hose clips for tightness.
oil separator).
- 045603 Oil separator support bracket. Examine.
- 045604 Oil separator drain pipe. Ensure free from obstruction.
- 045605 Double clip. Examine and particularly
(Securing pipe for loose rivets.
from oil separator to top side member).

BLOCK 2 PROPELLERS

Port Feathering System

- 042809 Flexible pipes and support clips. } Examine.
- 042810 Rigid pipes and support clips. }

POWER

N/A

BLOCK Nos

1 2

TIME
Est Act

2.0

ASSOCIATED CARDS

CARD No

17

TRADE

Propulsion

SERVICING

100 Hr (Primary)

Chap 4 PROPULSION
Card 18
AL 7

100 HOURS
(PRIMARY)
VARSITY T1

AP 101B-3201-5B2
(1st Ed)

Safety and Servicing Notes are to be complied with throughout the work detailed on this card

Special Tools and Equipment
Nil.

BLOCK 1

VACUUM SYSTEM

Starboard Auxiliary Gearbox

- | | | |
|--------|--|--|
| 045601 | Oil separator. | Examine. |
| 045602 | Pipeline.
(Vacuum pump to oil separator). | Examine and particularly hose clips for tightness. |
| 045603 | Oil separator support bracket. | Examine. |
| 045604 | Oil separator drain pipe. | Ensure free from obstruction. |
| 045605 | Double clip.
(Securing pipe from oil separator to top side member). | Examine and particularly for loose rivets. |

BLOCK 2

PROPELLERS

Starboard Feathering System

- | | | |
|--------|-----------------------------------|------------|
| 042809 | Flexible pipes and support clips. | } Examine. |
| 042810 | Rigid pipes and support clips. | |

POWER

N/A

BLOCK Nos

2

1

TIME
Est Act

2.0

ASSOCIATED CARDS

CARD No

18

TRADE

Propulsion

SERVICING

100 Hr (Primary)

Safety and Servicing Notes are to be complied with throughout the work detailed on this card.

Special Tools and Equipment
Nil.

BLOCK 1 ANCILLARY DRIVES

Port Auxiliary Gearbox

043401 Auxiliary gearbox. Examine.

043402 Gearbox drive shaft.

- (i) Remove.
- (ii) Examine.
- (iii) Lubricate.
(Grease, XG-271).
- (iv) Refit.

DM 63661 (67)

POWER

BLOCK Nos

Est	Act
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
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93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

ASSOCIATED CARDS

CARD No. _____

TRADE

SERVICING

P.F.15

Chap 4 PROPULSION
Card 20

100 HOURS
(PRIMARY)
VARSITY T1

AP 101B-3201-5B2
(1st Ed)

Safety and Servicing Notes are to be complied with throughout the work detailed on this card.

Special Tools and Equipment
Nil.

BLOCK 1

ANCILLARY DRIVES

Starboard Auxiliary Gearbox

043401 Auxiliary gearbox. Examine.

043402 Gearbox drive shaft.
(i) Remove.
(ii) Examine.
(iii) Lubricate.
(iv) Refit.
(Grease, XG-271).

DM 63661 (68)

SERVICING	TRADE	CARD No	ASSOCIATED CARDS	TIME		BLOCK Nos				POWER
				Est	Act					
100 Hr (Primary)	Propulsion	20		1.5				1		N/A

This Card is applicable only at every 200 flying hours.

Safety and Servicing Notes are to be complied with throughout the work detailed on this card.

Special Tools and Equipment
Nil.

BLOCK 1

ENGINE STARTING AND IGNITION SYSTEM

Port Engine

Housing elbows.

Disconnect from
magnetos.

Distributors.

Remove.

043211 Rotor arms.

- (i) Remove.
- (ii) Examine.
- (iii) Refit.

043208 Contact breaker
assemblies.

- (i) Examine.
- (ii) Check gap.
(0.008 to 0.01 in.).

Distributors.

Refit.

Housing elbows.

Reconnect to
magnetos.

DM 63661 (69)

POWER

N/A

BLOCK Nos

—

TIME	Est	Ac
0000	0000	0000
0001	0001	0001
0002	0002	0002
0003	0003	0003
0004	0004	0004
0005	0005	0005
0006	0006	0006
0007	0007	0007
0008	0008	0008
0009	0009	0009
0010	0010	0010
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0042	0042	0042
0043	0043	0043
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0046	0046	0046
0047	0047	0047
0048	0048	0048
0049	0049	0049
0050	0050	0050
0051	0051	0051
0052	0052	0052
0053	0053	0053
0054	0054	0054
0055	0055	0055
0056	0056	0056
0057	0057	0057
0058	0058	0058
0059	0059	0059
0060	0060	0060
0061	0061	0061
0062	0062	0062
0063	0063	0063
0064	0064	0064
0065	0065	0065
0066	0066	0066
0067	0067	0067
0068	0068	0068
0069	0069	0069
0070	0070	0070
0071	0071	0071
0072	0072	0072
0073	0073	0073
0074	0074	0074
0075	0075	0075
0076	0076	0076
0077	0077	0077
0078	0078	0078
0079	0079	0079
0080	0080	0080
0081	0081	0081
0082	0082	0082
0083	0083	0083
0084	0084	0084
0085	0085	0085
0086	0086	0086
0087	0087	0087
0088	0088	0088
0089	0089	0089
0090	0090	0090
0091	0091	0091
0092	0092	0092
0093	0093	0093
0094	0094	0094
0095	0095	0095
0096	0096	0096
0097	0097	0097
0098	0098	0098
0099	0099	0099

2.

ASSOCIATED CARDS

CARD No _____

21

TRADE

notsIndoJ

SERVICING

100 HR (Primary)

This Card is applicable only at every 200 flying hours.

Safety and Servicing Notes are to be complied with throughout the work detailed on this card.

Special Tools and Equipment
Nil.

BLOCK 1 ENGINE STARTING AND
 IGNITION SYSTEM

Starboard Engine

Housing elbows. Disconnect from magnetos.

Distributors.	Remove.
---------------	---------

043211 Rotor arms.

- (i) Remove.
- (ii) Examine.
- (iii) Refit.

043208 Contact breaker (i) Examine.
assemblies. (ii) Check gap.
(0.008 to 0.01 in.).

Distributors.	Refit.
1. 1940	1. 1940
2. 1941	2. 1941
3. 1942	3. 1942
4. 1943	4. 1943
5. 1944	5. 1944
6. 1945	6. 1945
7. 1946	7. 1946
8. 1947	8. 1947
9. 1948	9. 1948
10. 1949	10. 1949
11. 1950	11. 1950
12. 1951	12. 1951
13. 1952	13. 1952
14. 1953	14. 1953
15. 1954	15. 1954
16. 1955	16. 1955
17. 1956	17. 1956
18. 1957	18. 1957
19. 1958	19. 1958
20. 1959	20. 1959
21. 1960	21. 1960
22. 1961	22. 1961
23. 1962	23. 1962
24. 1963	24. 1963
25. 1964	25. 1964
26. 1965	26. 1965
27. 1966	27. 1966
28. 1967	28. 1967
29. 1968	29. 1968
30. 1969	30. 1969
31. 1970	31. 1970
32. 1971	32. 1971
33. 1972	33. 1972
34. 1973	34. 1973
35. 1974	35. 1974
36. 1975	36. 1975
37. 1976	37. 1976
38. 1977	38. 1977
39. 1978	39. 1978
40. 1979	40. 1979
41. 1980	41. 1980
42. 1981	42. 1981
43. 1982	43. 1982
44. 1983	44. 1983
45. 1984	45. 1984
46. 1985	46. 1985
47. 1986	47. 1986
48. 1987	48. 1987
49. 1988	49. 1988
50. 1989	50. 1989
51. 1990	51. 1990
52. 1991	52. 1991
53. 1992	53. 1992
54. 1993	54. 1993
55. 1994	55. 1994
56. 1995	56. 1995
57. 1996	57. 1996
58. 1997	58. 1997
59. 1998	59. 1998
60. 1999	60. 1999
61. 2000	61. 2000
62. 2001	62. 2001
63. 2002	63. 2002
64. 2003	64. 2003
65. 2004	65. 2004
66. 2005	66. 2005
67. 2006	67. 2006
68. 2007	68. 2007
69. 2008	69. 2008
70. 2009	70. 2009
71. 2010	71. 2010
72. 2011	72. 2011
73. 2012	73. 2012
74. 2013	74. 2013
75. 2014	75. 2014
76. 2015	76. 2015
77. 2016	77. 2016
78. 2017	78. 2017
79. 2018	79. 2018
80. 2019	80. 2019
81. 2020	81. 2020
82. 2021	82. 2021
83. 2022	83. 2022
84. 2023	84. 2023
85. 2024	85. 2024
86. 2025	86. 2025
87. 2026	87. 2026
88. 2027	88. 2027
89. 2028	89. 2028
90. 2029	90. 2029
91. 2030	91. 2030
92. 2031	92. 2031
93. 2032	93. 2032
94. 2033	94. 2033
95. 2034	95. 2034
96. 2035	96. 2035
97. 2036	97. 2036
98. 2037	98. 2037
99. 2038	99. 2038
100. 2039	100. 2039
101. 2040	101. 2040
102. 2041	102. 2041
103. 2042	103. 2042
104. 2043	104. 2043
105. 2044	105. 2044
106. 2045	106. 2045
107. 2046	107. 2046
108. 2047	108. 2047
109. 2048	109. 2048
110. 2049	110. 2049
111. 2050	111. 2050
112. 2051	112. 2051
113. 2052	113. 2052
114. 2053	114. 2053
115. 2054	115. 2054
116. 2055	

Housing elbows. Reconnect to
magnetos.

DM 63661 (70)

POWER

N/A

BLOCK Nos

TIME	Est	Act
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ASSOCIATED CARDS

CARD No

TRADE

SERVICING

Propulsion

100 Hr (Primary)

1

2.0

22

P.F.15

Chap 4 PROPULSION Card 23 NCO		100 HOURS (PRIMARY) VARSITY T1		AP 101B-3201-5B2 (1st Ed)		POWER	ON
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.						BLOCK Nos	4
<u>Special Tools and Equipment</u> Nil.							3
BLOCK 1 ENGINE CONTROL SYSTEM <u>Port and Starboard Systems</u> 043301 Throttle controls.) 043302 CSU controls.) Ensure basic settings are correct. 043303 Cut-out controls.) 043304 Supercharger controls. Operate and ensure movement is full and free.						TIME Est Act	2.0
BLOCK 2 MAINPLANES <u>Port and Starboard Air Intakes</u> 040610 Hot/cold shutter controls.) 040613 Filtered/unfiltered shutter.) Operate and ensure movement is full and free.						ASSOCIATED CARDS	
BLOCK 3 ENGINE OIL SYSTEM <u>Port and Starboard Engines</u> 042913 Cooler shutter control. Operate and ensure movement is full and free.						CARD No	23
BLOCK 4 ENGINE CONTROL SYSTEM <u>Port and Starboard Engines (Forward of Bulkhead)</u> 043330 Cut-out controls. Ensure movement is full and free.						TRADE	Propulsion NCO
DM 63661 (71)						SERVICING	100 Hr (Primary)

P F 15

Chap 4 PROPULSION 100 HOURS AP 101B-3201-5B2
 Card 23A (PRIMARY) (1st Ed)
 AL 5 VARSITY T1

This Card is applicable only every 200 Hours

Safety and Servicing Notes are to be complied with throughout the work detailed on this card.

Special Tools and Equipment
 See relevant SP.

BLOCK 1

PROPELLERS

Port and Starboard
Propellers

Propellers

Assist N.D.T. tradesman to carry out SP 598.

S.M. 70/1532 (12)

SERVICING	TRADE	CARD No	ASSOCIATED CARDS	TIME		BLOCK Nos	POWER
				Est	Act		
100 Hr (Primary)	Propulsion	23A	SP 598	7.0		1	N/A

P.F.15

Chap 4 PROPULSION Card 24		100 HOURS (PRIMARY) VARSITY T1		AP 101B-3201-5B2 (1st Ed)		POWER	ON
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.						BLOCK Nos	
<u>Special Tools and Equipment</u> Nil.							
BLOCK 1		MAINPLANES		TIME Est	Act	1	2
<u>Port Engine Cowlings</u>							
040601 Cowlings.		Close.		0.5			
BLOCK 2		ENGINE COOLING OPERATING SYSTEM		ASSOCIATED CARDS		CARD No	24
<u>Port Engine</u>							
043503 Cowling gills.		Operate and ensure movement is full and free.					
DM 63661 (72)				TRADE		Propulsion	
				SERVICING		100 Hr (Primary)	

Safety and Servicing Notes are to be complied with throughout the work detailed on this card.

Special Tools and Equipment
Nil.

BLOCK 1 MAINPLANES

Starboard Engine
Cowlings

040601 Cowlings. Close.

BLOCK 2 ENGINE COOLING OPERATING SYSTEM

Starboard Engine

043503 Cowling gills. Operate and ensure movement is full and free.

DM 63661 (73)

POWER

BLOCK Nos

Est Act

ASSOCIATED CARDS

CARD No

TRADE

SERVICING

Chap 4 PROPULSION	100 HOURS	AP101B-3201-5B2
Card 26	(PRIMARY)	(1st Ed)
NCO	VARITY T1	
AL 17		

Safety and Servicing Notes are to be complied with throughout the work detailed on this card.

Special Tools and Equipment
Nil.

BLOCK 1 BASIC ENGINES

Port and Starboard
Engines

042701 Engines. Test. (SP 251).
(Pre Mod 3349).

042708 Engines. Test. (SP 251).
(Post Mod 3349).

TC/5/73/E21 (4) 5/73

PF 15

SERVICING	TRADE	CARD No	ASSOCIATED CARDS	TIME		BLOCK Nos	POWER
				Est	Act		
100 Hrs (Primary)	Propulsion	26	SP 251	2.0		1	ON