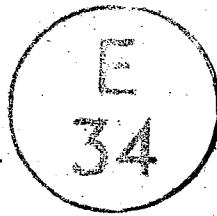


Formerly AP 4303B Vol 4
Pt 6 Bk 1 Sect 2 Chap 1 App 3.



AIR PUBLICATION

105C-0108-5F

Issued March 1971

BAY SERVICING SCHEDULE

AIR FILTER

**PART No. ACO 1268 AND ACO 7273
(DUNLOP)**

BY COMMAND OF THE DEFENCE COUNCIL

DEFENCE

I.T. Dunn

TECHNICAL

(Ministry of Defence)

RECORDED 7/9/99

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FOR USE IN THE

ROYAL AIR FORCE

AMENDMENT RECORD CERTIFICATE

1. This certificate is for Ministry of Defence (Air) AL's only.
2. Amendments are to be inserted in numerical sequence except where Non-Availability slips for particular A.L.s are issued.

A.L. No	A.L. MONTH AND YEAR OF ISSUE	AMENDMENT INCORPORATED SIGNATURE	DATE OF INCORPORATION
1			
2			
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4			
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R.M. 38021 (1)			

Sheet 1
AIRFRAME

AIR FILTER
SUPPLEMENTARY SERVICING

AP105C-0108-5F
Issued March 1971

ITEM No	ITEM	OPERATION

R.M. 38021 (2)

REF NO.	EQUIPMENT AND TOOLS	QTY
4G/3029	Kits, Tool, Airframe Fitter, to Scale A2, AP830 Vol 3, Pt A.	1
4G/6246	Gauge, Pressure, 0 to 3500 lbf/in ² .	1
27VA/3734	Adapter, Inflation.	1
	Spanner, Pt No. A06858.	1

SPARES

Refer to AP4515C, Vol 3, Pt 1, Sect 2.

	MATERIALS	NATO CODE NO.
30A/3339	Wire, Locking, 22 SWG.	As Required
33C/511	Lanolin.	" "
33D/2201949	Trichloroethane.	" "
34B/9100519	Grease, XG-315.	G-394 "

SERVICING NOTES

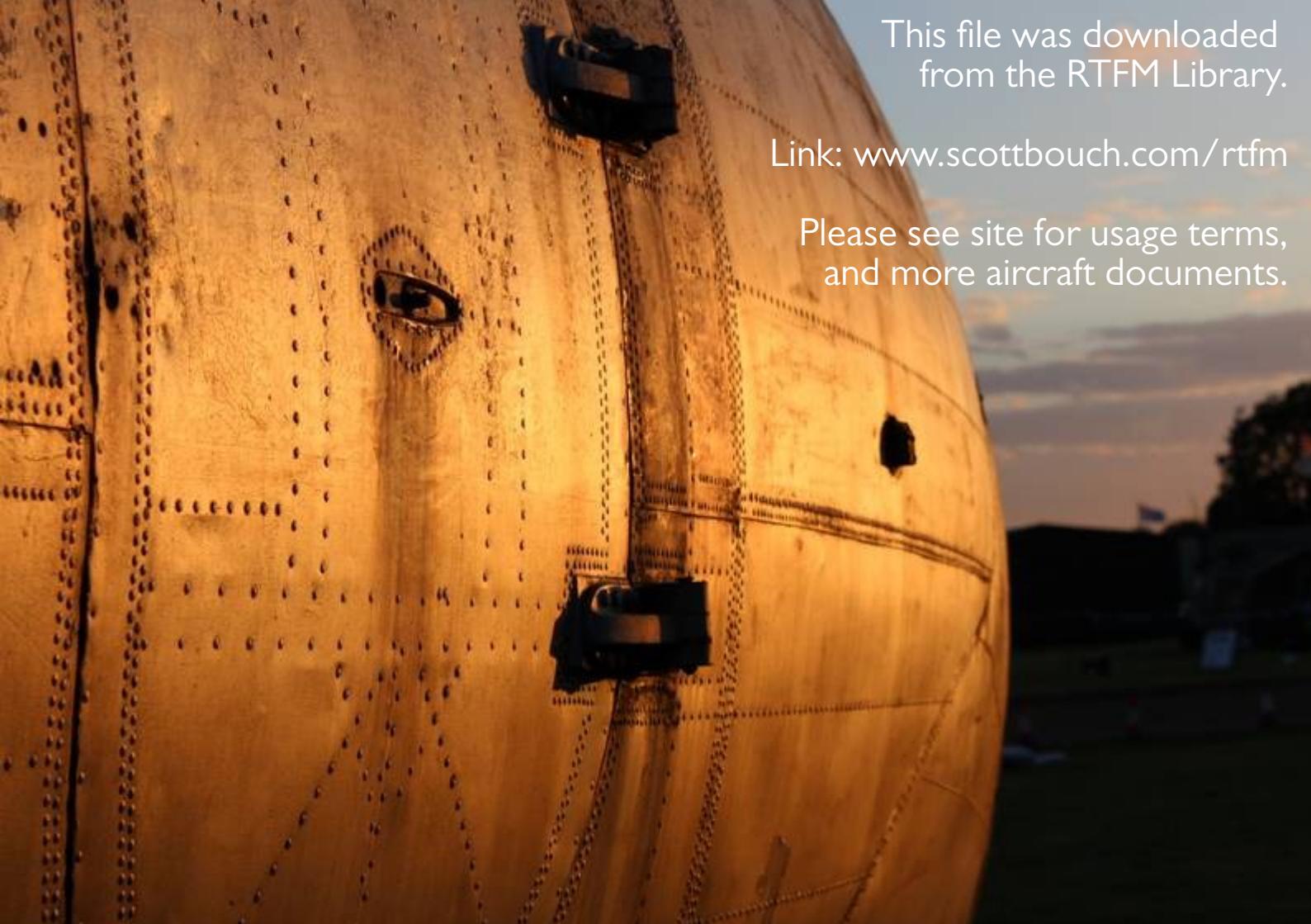
1. Read introduction to AP105C-0001-5F.
2. AP105C-0001-5F is to be complied with throughout the work detailed in this schedule.
3. Slight external damage or surface corrosion may be polished out with a smooth hone or grade 00 carborundum cloth. All traces of abrasive is to be removed and the anodic treatment restored to specification DTD910. If facilities for anodising are not available swab the repaired area with Alacrom 1200 (33C/2202321) applied with a nylon brush for a period of between 2 to 5 minutes and allow to dry.

SAFETY PRECAUTIONS

1. Care is to be taken to ensure that Alacrom 1200 is not allowed to make contact with skin.

ITEM No	ITEM	OPERATION
1.	<u>Preparation</u>	
1.1	Servicing Notes.) Read.
1.2	Safety Precautions.)
1.3	Locking wire.	Remove.
2.	<u>Dismantling</u>	
2.1	Drain plug locknut.	Slacken.
2.2	Drain plug.)
2.3	Retaining ring.) Remove.
2.4	Cover.)
2.5	Sealing ring.	Remove and discard.
2.6	Top perforated plate.	Remove.
2.7	Filter element.	Remove and discard.
2.8	Bottom perforated plate.	Remove.
3.	<u>Examination</u>	
3.1	Body.)
3.2	Cover.)
3.3	Retaining ring.) (i) Clean.
3.4	Perforated plates.) (ii) Examine.
3.5	Drain plug.)
3.6	Drain plug locknut.)
4.	<u>Assembling</u>	
4.1	Bottom perforated plate.	Refit.
4.2	New element.	Fit.
4.3	Top perforated plate.	Refit.
4.4	New sealing ring.	(i) Lubricate lightly with grease, XG-315. (ii) Fit in cover housing.
4.5	Cover.	Position on body.
4.6	Retaining ring.) (i) Lubricate threads lightly with
4.7	Drain plug.) lanolin.
4.8	Drain plug locknut.) (ii) Refit.

ITEM No	ITEM	OPERATION
5.	<u>Testing</u>	
5.1	Inlet connexion.	Connect air supply.
5.2	Outlet connexion.	Connect LM pipe, inflation adapter and gauge, ensuring pipelines as short as possible.
5.3	Inlet connexion.	Apply air pressure of 2750 lbf/in ² .
5.4	Outlet connexion gauge.	Ensure pressure is 2750 lbf/in ² .
5.5	Filter assembly.	<ul style="list-style-type: none"> (i) Immerse in water. (ii) Check for leaks. (iii) Remove from water and dry.
5.6	Inlet connexion.	<ul style="list-style-type: none"> (i) Release air pressure. (ii) Disconnect air supply.
5.7	Outlet connexion.	Disconnect pipeline, inflation adapter and gauge.
6.	<u>Completion</u>	
6.1	Filter assembly.	
	(a) Retaining ring.	
	(b) Inlet connexion.) Lock with wire.
	(c) Outlet connexion.)
6.2	Storage blanks.	Fit.
6.3	Servicing forms.	Sign.

A close-up photograph of a light-colored aircraft fuselage panel. The panel is covered in a grid of dark rivets. Two dark, rectangular latches are attached to the panel, one near the top center and one near the bottom center. A small, irregular hole is visible on the right side of the panel. The background shows a blurred landscape and sky.

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