

CHAP. 4 AIRFRAME S.P. 428 A.L. 3 SHEET 1 OF 3	SERVICING PROCEDURE F53 T55	BAC F53 & T55 (SA) 5A3A Section 1 2nd Edition
Main Undercarriage Door Locking Mechanism - Bell Crank Cracking		AFSC 43151 43171
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.		TIME EST
SPECIAL TOOLS AND EQUIPMENT		
Ardrox dye-penetrant kit.		
<u>43151</u>		
<p>1. EXAMINATION</p> <p>1.1 Bell crank levers left and right, (i) Remove. Part No. EBL-20-2263 (ii) Look for cracks in (See Fig.1). bearing housing of bell (Ardrox dye- penetrant).</p> <p>1.2 Bell crank levers right and left, (iii) Refit. Part No. EBL-20-2285 (See Fig.1).</p> <p>NOTE: 1 Ensure both sets of distance pieces are fitted in the drag link.</p> <p>NOTE: 2 Care must be taken to ensure that the bolts of the connecting rods to the bell cranks EBL-20-2263 are fitted with the slotted nut uppermost and in the rebate of the fork end and do not foul the bell crank attachment brackets through the full range of movement. If there is a foul the bolts may be filed to give clearance. Ensure a minimum of one thread protrusion remaining through the nuts.</p> <p>NOTE: Item 2 is applicable only if the cracks are found in Sub-items 1.1 and 1.2 Operation (ii).</p>		
<p>2. RECTIFICATION</p> <p>2.1 Bell crank levers. Replace (See Note 1 and 2 above).</p>		
Continued Overleaf		

CHAP. 4 AIRFRAME	SERVICING PROCEDURE	BAC F53 & T55 (SA)
S.P. 428 A.L	F53 T55	5A3A Section 1
SHEET 2 OF 3		2nd Edition

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43151

3. COMPLETION

3.1 Undercarriage operating system. Carry out retraction check (SP 106 (AF)).

43171 (INSPECTOR)

4. INSPECTION STAGE

4.1 Inspect. Item 2.

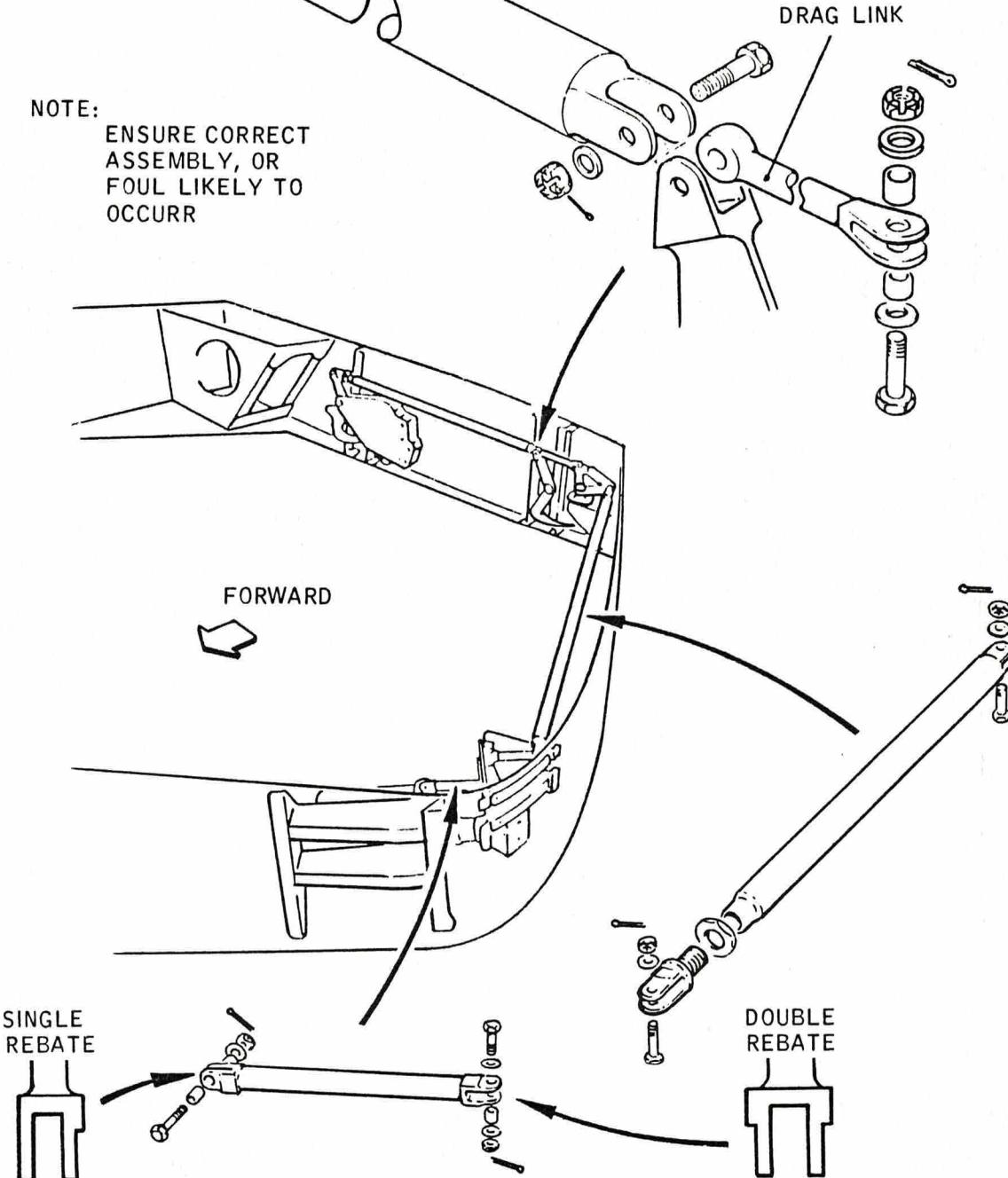
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CHAP 4 AIRFRAME  
SP 428 AL 8  
SHEET 3 OF 3

SERVICING PROCEDURE  
F53 T55

BAC F53 & T55 (SA)  
5A3A Section 1  
2nd Edition

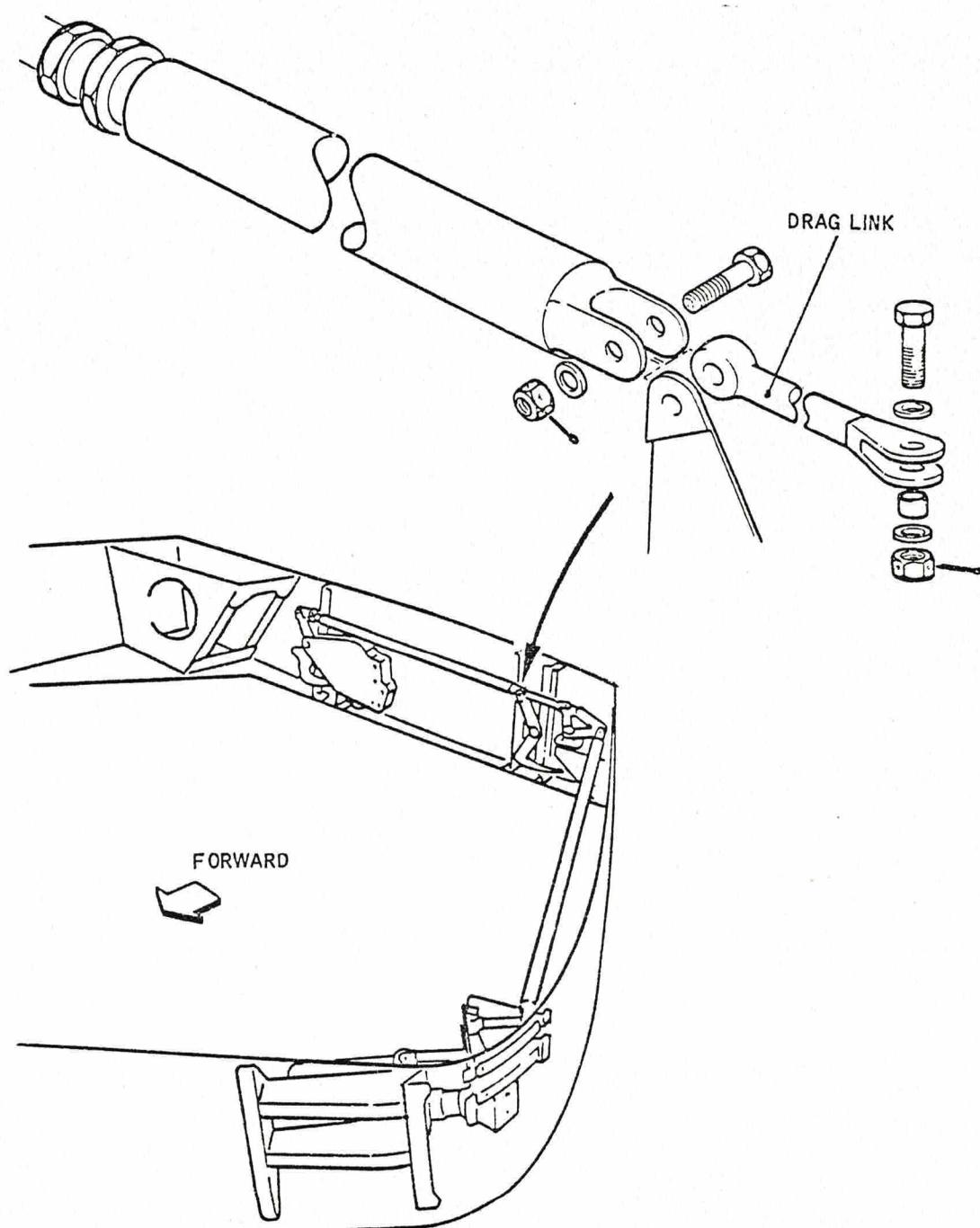
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BELL CRANK LEVERS  
FIGURE 1

SERVICING PROCEDURE INSPECTION STAGES DO NOT EXCLUDE ADDITIONAL INSPECTION STAGES  
INCORPORATED AS NECESSARY IN MAINTENANCE CERTIFICATION DOCUMENTS

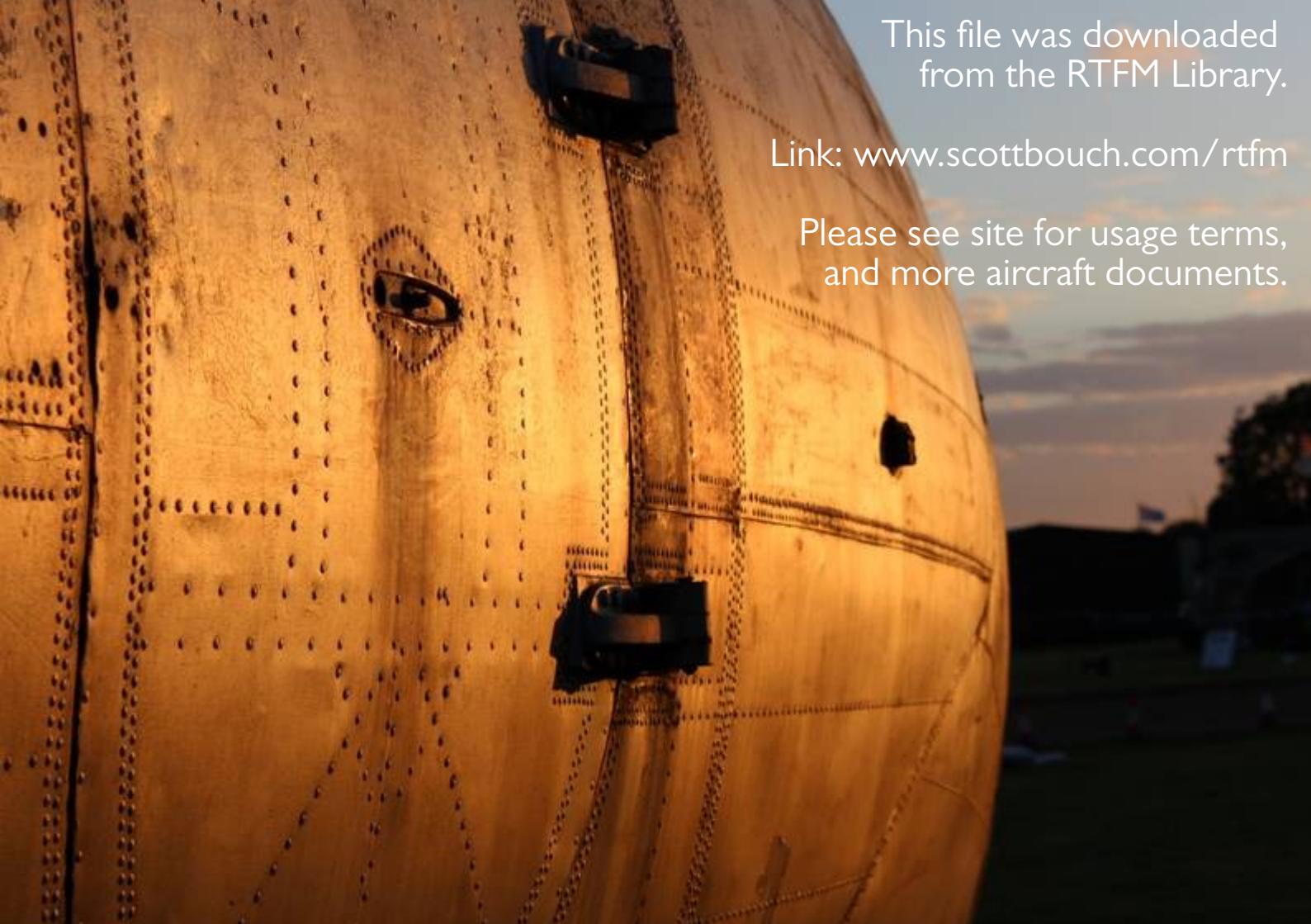
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MAIN UNDERCARRIAGE DOOR LOCKING MECHANISM

FIGURE 1



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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