

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

RUDDER - REMOVAL		AFSC	TIME	EST
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.		43151		
SPECIAL TOOLS AND EQUIPMENT			ASSOCIATED PROCEDURES	
Rudder sling (26DK/95022). Shear bush extractor (26DK/95172). <div style="text-align: center;"><u>43151</u></div>				
1. PREPARATION				
1.1	Accumulators (No.1 and No.2 control systems).	Ensure no hydraulic pressure.		
1.2	Rudder sling.	Fit.		
2. REMOVAL (SEE FIG.1).				
2.1	Upper hexagon-headed bolt on bottom hinge bracket.	Remove.		
2.2	Hexagon drive-screws (quantity 4) securing rudder to bottom hinge bracket.	Remove.		
2.3	Shear bushes.	Remove using extractor.		
2.4	Top hinge bracket.	Remove split pin, special nut, bolt and bushes.		
2.5	Top hinge bracket.	Free from fin.		
2.6	Rudder.	(i) Free from bottom hinge bracket. (ii) Remove.		
NOTE: Sub-item 2.7 is applicable only if a new rudder is to be fitted.				
2.7	Bottom hinge bracket.	Remove from rudder pintle.		
NOTE: If the rudder being removed has a trim strip, an identical strip must be fitted to the replacement rudder.				
			Continued Overleaf	

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

CHAP. 1	AIRFRAME	SERVICING PROCEDURE		BAC F53 & T55 (SA)
S.P. 18	A.L. 4	F53	T55	5A3A Section 1
SHEET 2	OF 3			2nd Edition

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43151

2. REMOVAL (See Fig.1) (contd)

2.8 Hinge bolts and bushes.

2.9 Rudder bottom hinge fittings and pintle attachment point.

2.10 Rudder hinge fittings.

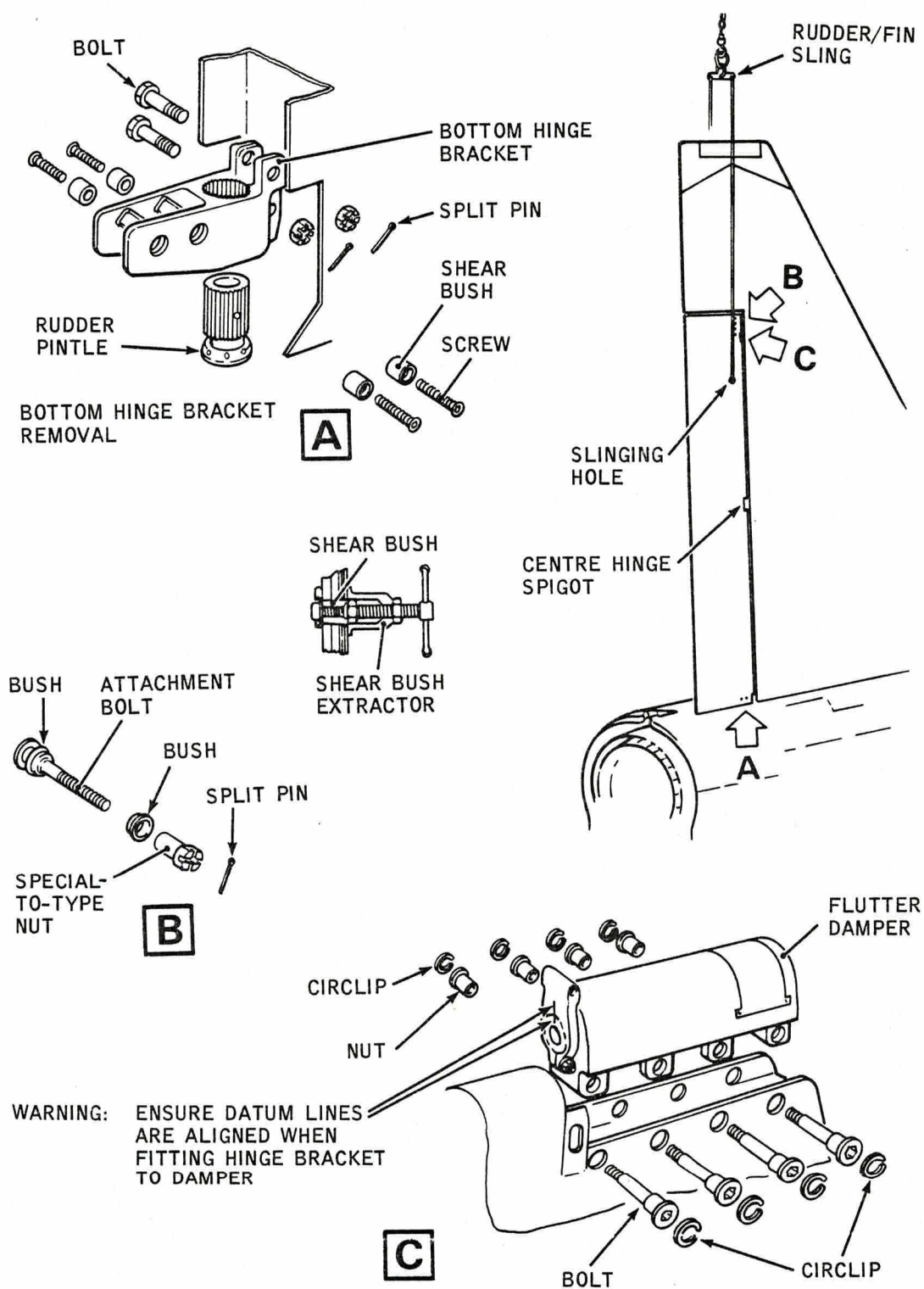
Examine for signs of the following:

- (a) Insecure (unsafe) attachment.
- (b) Cracks or fractures.
- (c) Corrosion, contamination or deterioration.
- (d) Distortion.
- (e) Loose or missing rivets.
- (f) Chafing, fraying, scoring or wear.
- (g) Faulty or broken locking devices.
- (h) External damage.

Continued

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RUDDER - REMOVAL AND ASSEMBLY

FIGURE 1







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