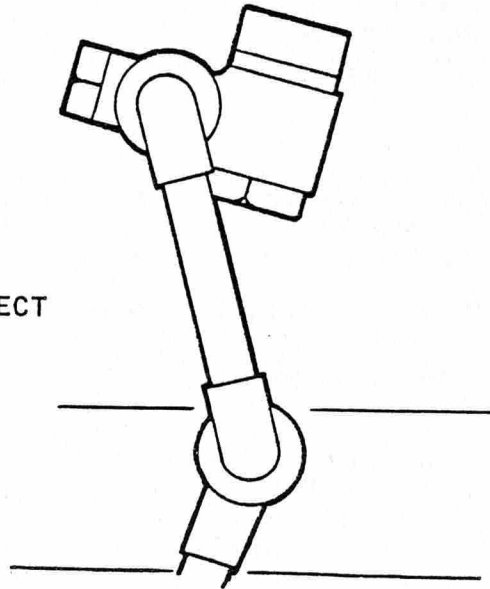


| | | | |
|--|---------------------|--------------------|-----------------------|
| CHAP. 4 AIRFRAME | SERVICING PROCEDURE | BAC F53 & T55 (SA) | |
| S.P. 439 A.L. 1 | F53 T55 | 5A3A Section 1 | |
| SHEET 1 OF 3 | | 2nd Edition | |
| Airbrakes - Cracking of Arms at Hinge Position | | AFSC | TIME EST |
| | | 43151 | |
| Safety and Servicing Notes are to be complied with throughout the work detailed on this card. | | 43171 | |
| SPECIAL TOOLS AND EQUIPMENT | | | ASSOCIATED PROCEDURES |
| Nil. | | | |
| NOTE 1: Where a single crack in either or both arms is found, repeat examinations must be carried out at periods not exceeding 30 flying hours. | | | |
| NOTE 2: A crack propagating from hinge-bearing hole to a bolt and then beyond bolt hole to edge of channel, must be classed as a single crack and not two cracks. | | | |
| NOTE 3: Where two cracks are found in either or both arms, provided they are forward of a line through centre of hinge bearing and at right angles to arm, repeat examinations must be carried out at periods not exceeding 30 flying hours, with a restriction on use of airbrakes above 380 knots. | | | |
| NOTE 4: Where airbrakes are reported to have been used above 380 knots in condition detailed in NOTE 3, Sub-items 2.1 and 2.2 must be carried out before next flight. | | | |
| NOTE 5: Where more than two cracks per arm are found or where a crack is found aft of line defined in NOTE 3, airbrakes must be renewed, or refitted and not used. | | | |
| <u>43151</u> | | | |
| 1. PREPARATION | | | |
| 1.1 Airbrakes. Remove. | | | |
| 2. EXAMINATION | | | |
| 2.1 Airbrake arms (upper and lower channel See Fig.2). Examine, for cracks using Ardrox dye penetrant kit. | | | |
| 2.2 Bearing housing fastening bolts (See Fig.2). Ensure tight. | | | |
| 3. COMPLETION | | | |
| 3.1 Airbrakes Refit (See Figs.1 and 2). | | | |
| <u>43171 (INSPECTOR)</u> | | | |
| 4. INSPECTION STAGE | | | |
| 4.1 Inspect. On completion of Item 3.1. | | | |
| SERVICING PROCEDURE INSPECTION STAGES DO NOT EXCLUDE ADDITIONAL INSPECTION STAGES INCORPORATED AS NECESSARY IN MAINTENANCE CERTIFICATION DOCUMENTS | | | |

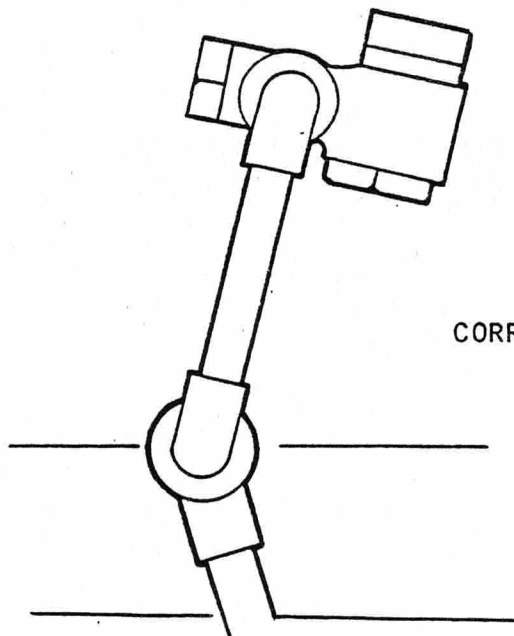
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| CHAP 4 AIRFRAME | SERVICING PROCEDURE | BAC F 53 & T 55 (SA) |
| SP 439 AL | F53 T55 | 5A3A Section 1 |
| SHEET 2 OF 3 | | 2nd Edition |

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

INCORRECT



CORRECT



NOTE: VIEWS LOOKING INBOARD, LEFT-HAND AIRBRAKE
(RIGHT-HAND SIMILAR)

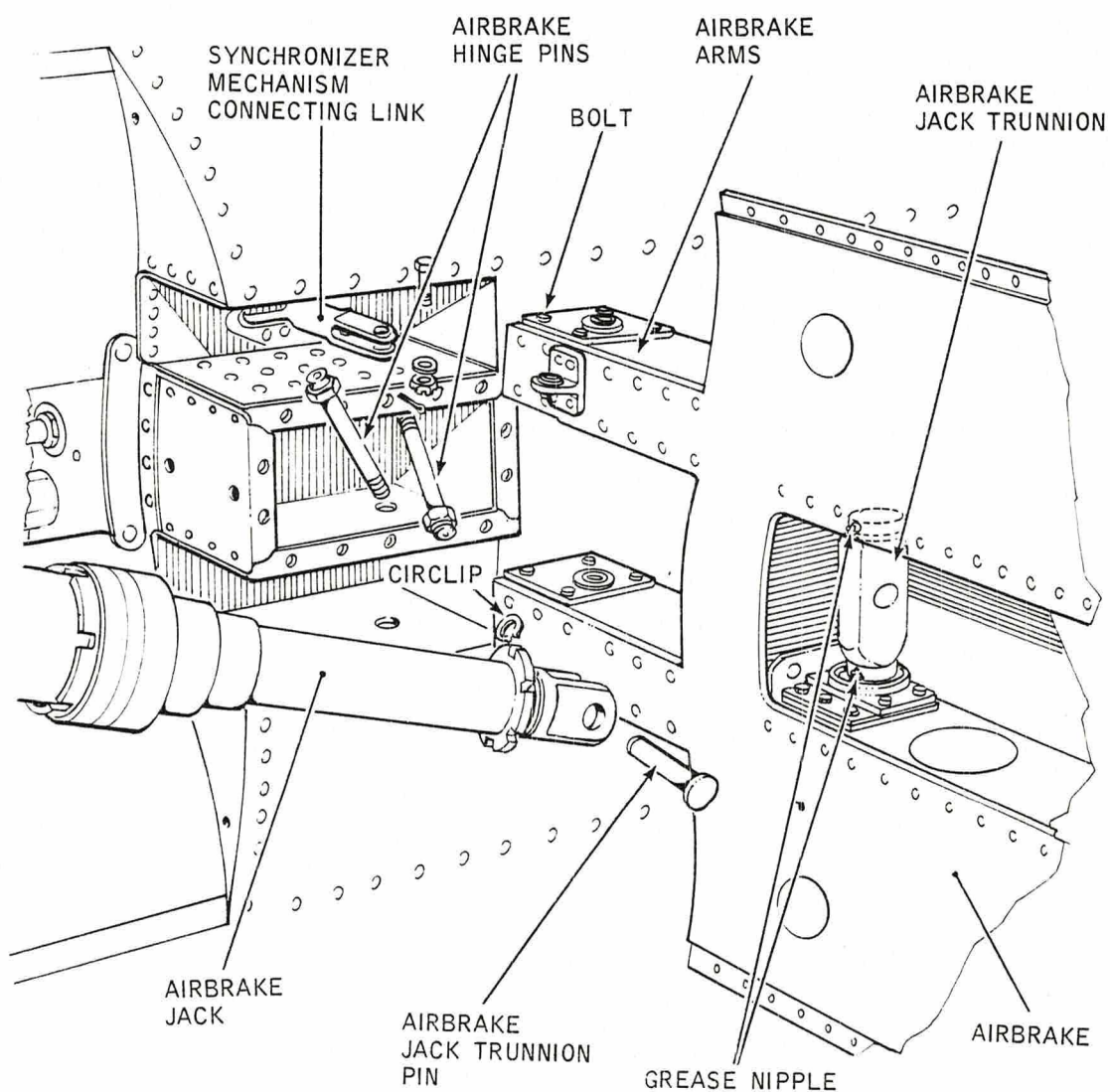
SWIVEL COUPLING - AIRBRAKE JACK

FIGURE 1

Continued

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

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



AIRBRAKES - REMOVAL AND ASSEMBLY
(RIGHT-HAND, LEFT-HAND SIMILAR)

FIGURE 2

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