

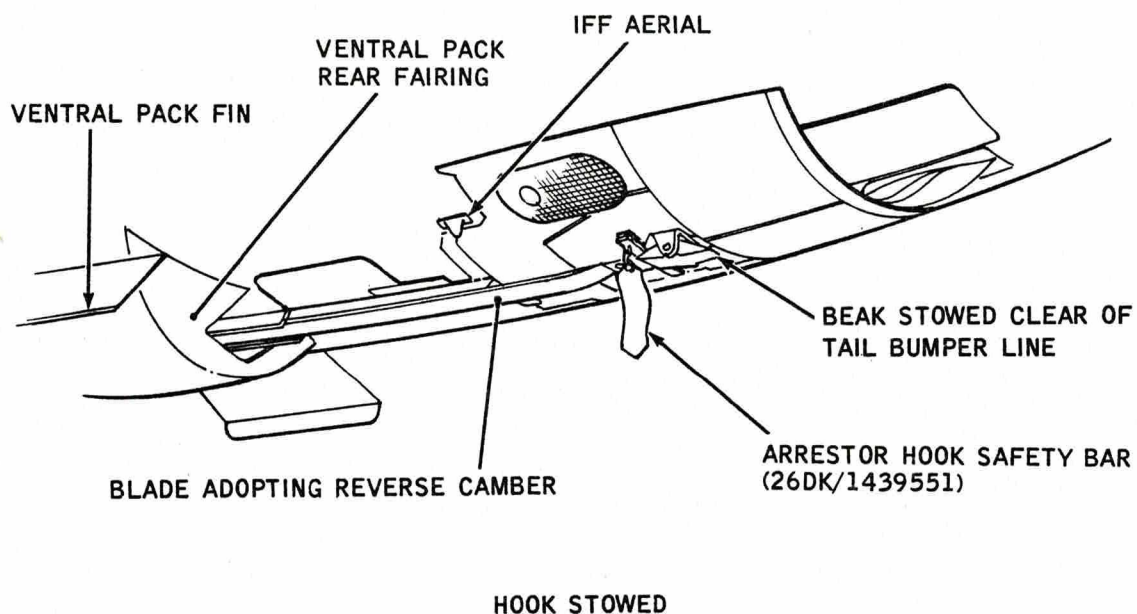
CHAP 2 AIRFRAME SP 140 AL 4 SHEET 1 OF 6		SERVICING PROCEDURE F53 T55		BAC F53 & T55 (SA) 5A3A Section 1 2nd Edition	
Arrestor Hook Functional Check - Hook Stowed				AFSC 43151	
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.					
SPECIAL TOOLS AND EQUIPMENT Safety bar (26DK/1439551). Spring balance 0-56 lbs (1A/1275139). NOTE: DURING THIS SERVICING PROCEDURE PERSONNEL MUST KEEP CLEAR OF THE HOOK AT ALL TIMES. <div style="text-align: center;"><u>43151</u></div>					ASSOCIATED PROCEDURES SP142 (AF) 419 (AF)
1. PREPARATION					
1.1 Arrestor hook safety Ensure fitted. bar (26DK/1439551), (See Fig.1).					
1.2 Canopy seal guards. Ensure fitted.					
1.3 Arrestor hook Ensure in unoperated operating handle position (Ball catch engaged). (See Fig.2 - F53, See Fig.3 - T55).					
NOTE: In sub-item 1.4 the indicator release unit must not protrude.					
1.4 Arrestor hook Ensure cocking slide is release unit inset, up to a maximum of (See Fig.4). 0.0625 in. relative to outboard face at forward end of unit, using torch and mirror.					
1.5 External d.c. (i) Connect. power supply. (i) Set to ON.					
2. TESTING					
2.1 Safety bar. Remove.					
2.2 Rubber mat. Place double thickness in position on ground immediately beneath arrestor hook.					
					Continued Overleaf
SERVICING PROCEDURE INSPECTION STAGES DO NOT EXCLUDE ADDITIONAL INSPECTION STAGES INCORPORATED AS NECESSARY IN MAINTENANCE CERTIFICATION DOCUMENTS					

CHAP 2 AIRFRAME
SP 140 AL 4
SHEET 2 OF 6

SERVICING PROCEDURE
F53 T55

BAC F 53 & T 55 (SA)
5A3A Section 1
2nd Edition

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ARRESTOR HOOK AND BLADE - STOWED

FIGURE 1

Continued

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

CHAP. 2 AIRFRAME

S.P. 140 A.L. 4

SHEET 3 OF 6

SERVICING PROCEDURE

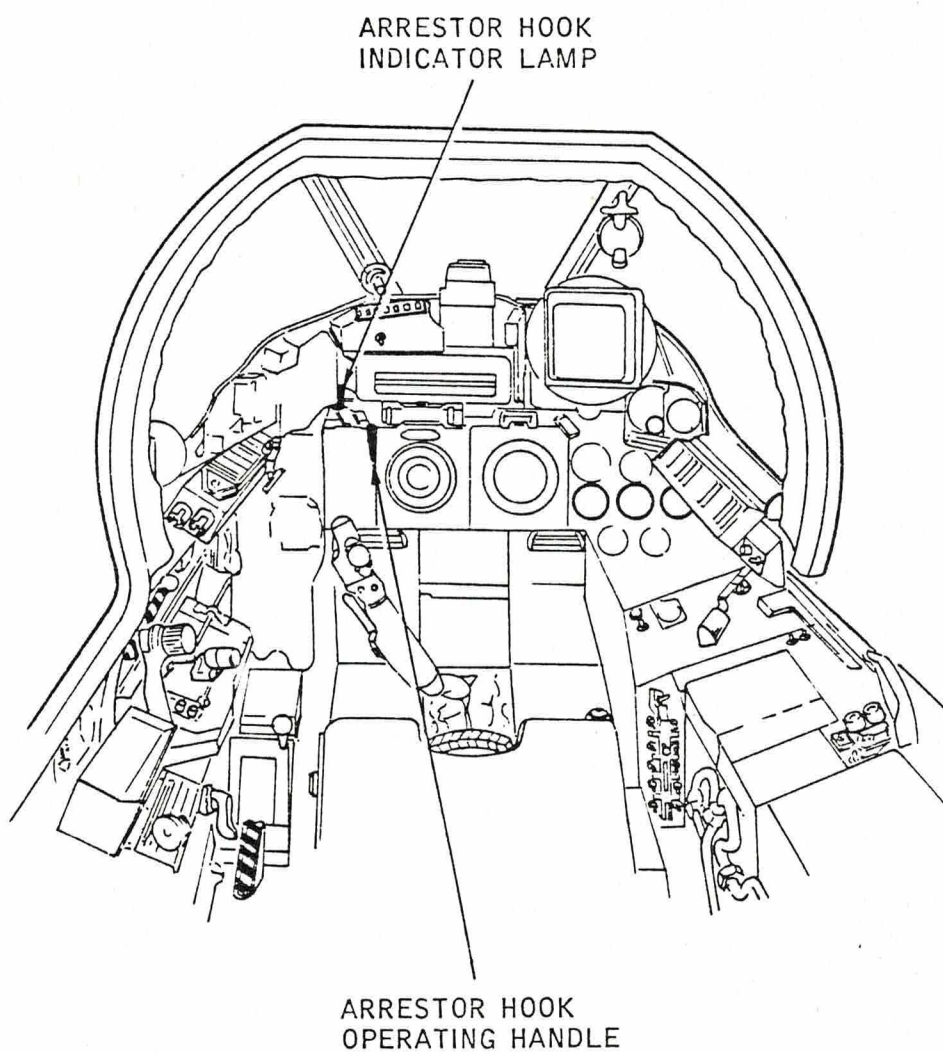
F53 T55

BAC F53 & T55 (SA)

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ARRESTOR HOOK CONTROLS - COCKPIT

FIGURE 2

Continued Overleaf

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CHAP 2 AIRFRAME	SERVICING PROCEDURE	BAC F53 & T55 (SA)
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4 3 1 5 1

2. TESTING (contd)

2.3 Arrestor hook indicator lamp (green) Ensure extinguished.

(See Fig.2 - F53,
See Fig.3 - T55).

2.4 Arrestor hook operating handle
(See Fig.2 - F53,
See Fig.3 - T55)

- (i) Attach spring balance (1A/1275139).
- (ii) Pull slowly to fully operated position (Ball catch engaged).
- (iii) Ensure hook releases between 38 and 45 lbs. pull.

2.5 Arrestor hook indicator lamp (green). Ensure lit.

NOTE: Sub-item 2.6 is applicable only if load in sub-item 2.4 (iii) exceeds 45 lbs.

2.6 Arrestor hook system. Check (SP 419 (AF)).

3. COMPLETION

3.1 Arrestor hook. Reset (SP 142 (AF)).

Continued

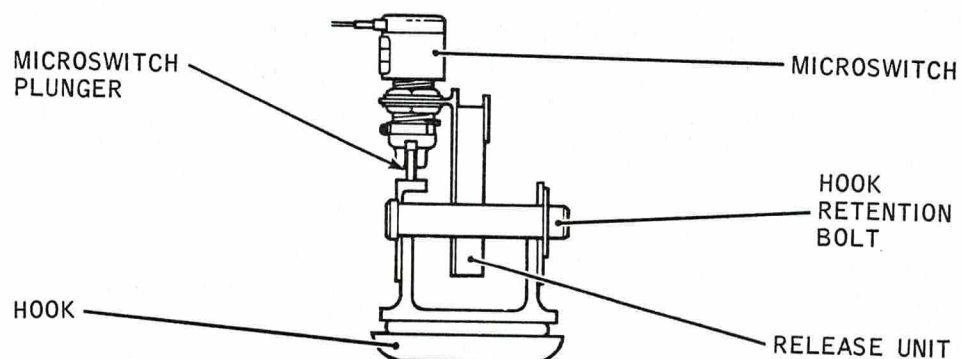
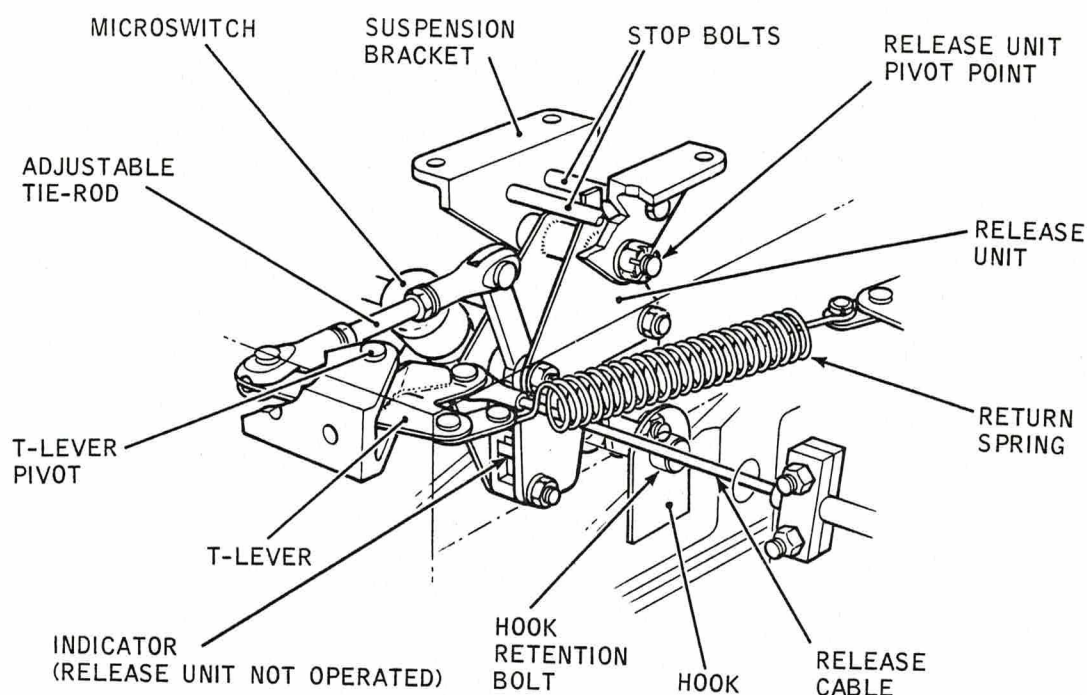
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CHAP 2 AIRFRAME
 SP 140 AL 4
 SHEET 5 OF 6

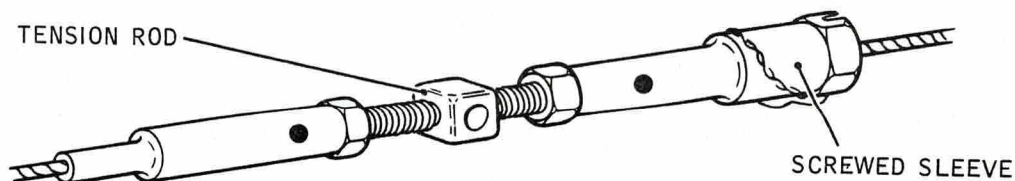
SERVICING PROCEDURE
 F53 T55

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VIEW LOOKING AFT
 ON MICROSWITCH



BREAKDOWN/ADJUSTMENT POINT, FRAMES 56-57

SYSTEM DETAILS - ARRESTOR HOOK

FIGURE 3

SERVICING PROCEDURE INSPECTION STAGES DO NOT EXCLUDE ADDITIONAL INSPECTION STAGES
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CHAP 2 AIRFRAME

SP 140 AL 4

SHEET 6 OF 6

SERVICING PROCEDURE

F53

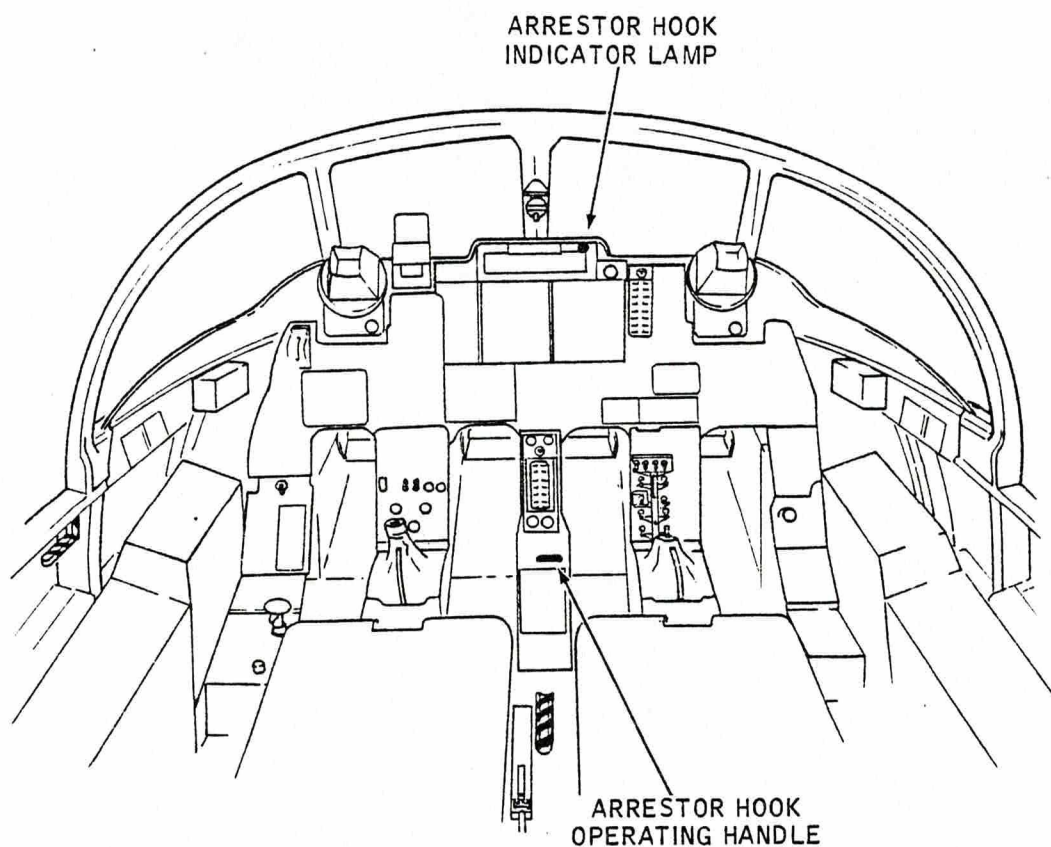
T55

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ARRESTOR HOOK CONTROLS - COCKPIT (T55)

FIGURE 4

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