

CHAP 2 AIRFRAME SP 140 A L 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	TIME EST
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 O-56 lbs (1A/1275139).

ASSOCIATED PROCEDURES

SP142 (AF)
419 (AF)

NOTE: DURING THIS SERVICING PROCEDURE PERSONNEL
MUST KEEP CLEAR OF THE HOOK AT ALL TIMES.

43151

1. PREPARATION

1.1 Arrestor hook safety bar (26DK/1439551),
(See Fig. 1).

1.2 Canopy seal guards. Ensure fitted.

1.3 Arrestor hook operating handle
(See Fig. 2 - F53,
See Fig. 3 - T55). Ensure in unoperated position (Ball catch engaged).

NOTE: In sub-item 1.4 the indicator release unit must not protrude.

1.4 Arrestor hook release unit
(See Fig. 4). Ensure cocking slide is inset, up to a maximum of 0.0625 in. relative to outboard face at forward end of unit, using torch and mirror.

1.5 External d.c. power supply. (i) Connect.
(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.

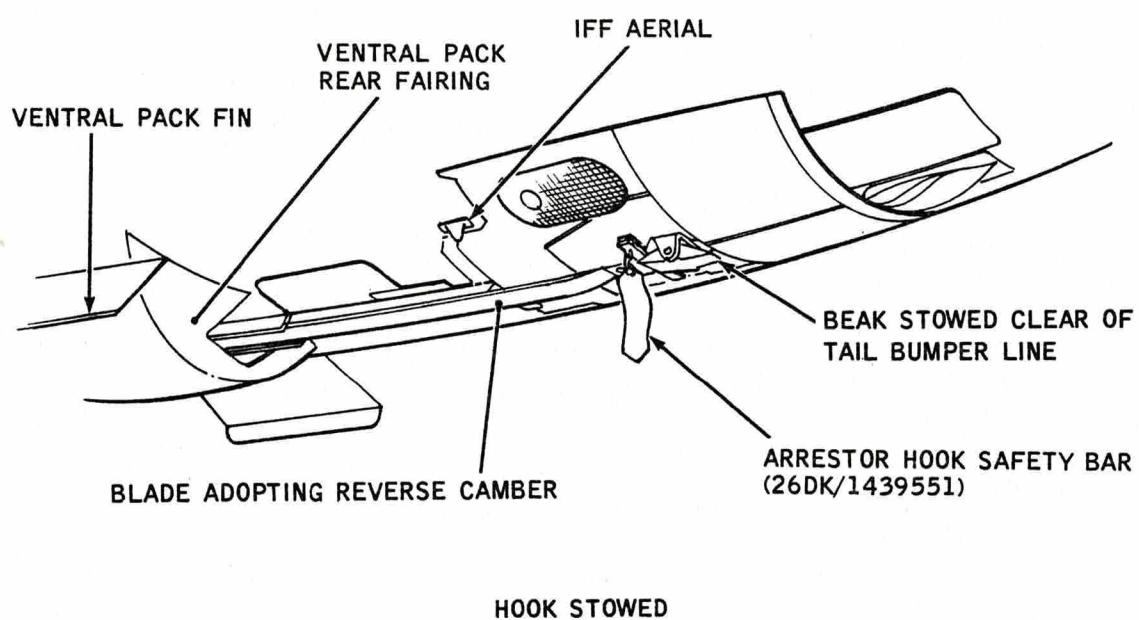
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CHAP 2 AIRFRAME
SP 140 AL 4
SHEET 2 OF 6

SERVICING PROCEDURE
F53 T55

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ARRESTOR HOOK AND BLADE - STOWED

FIGURE 1

Continued

CHAP. 2 AIRFRAME
S.P. 140 A.L. 4
SHEET 3 OF 6

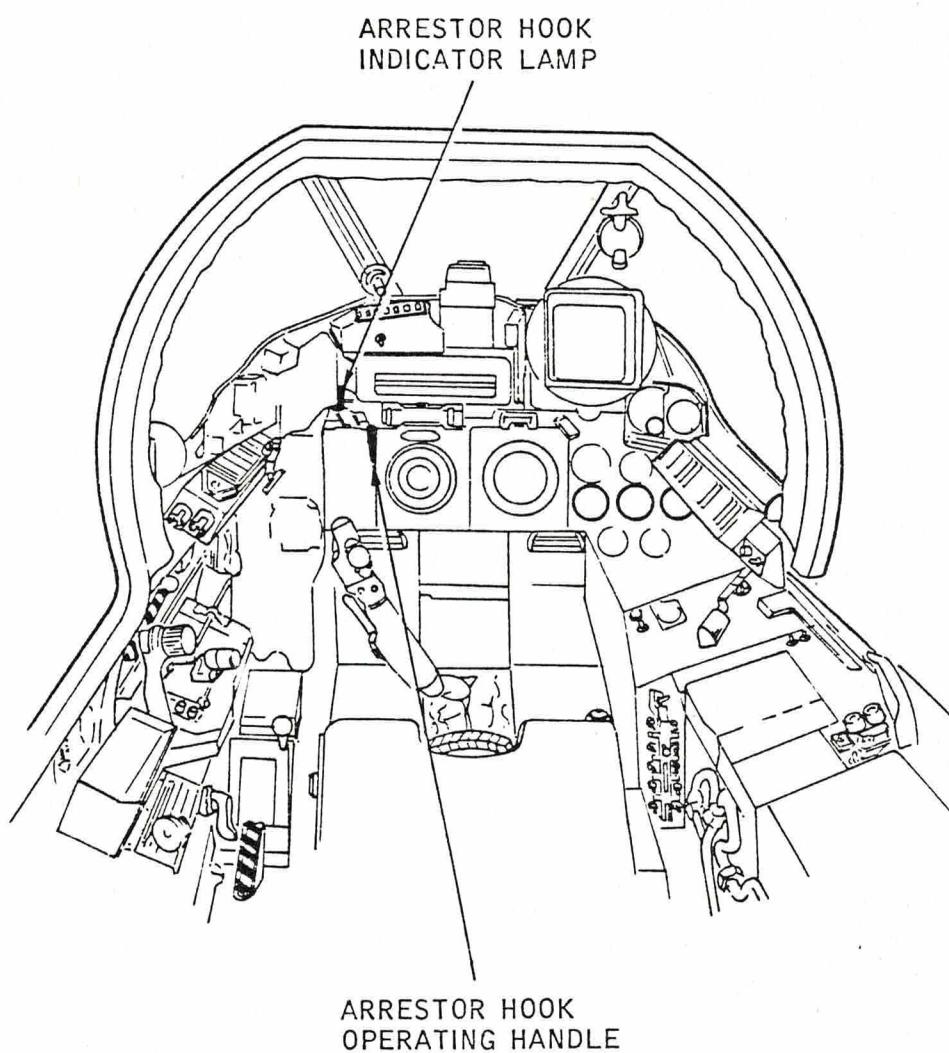
SERVICING PROCEDURE

F53 T55

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ARRESTOR HOOK CONTROLS - COCKPIT

FIGURE 2

Continued Overleaf

SERVICING PROCEDURE INSPECTION STAGES DO NOT EXCLUDE ADDITIONAL INSPECTION STAGES
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CHAP 2 AIRFRAME
SP 140 AL 4
SHEET 4 OF 6

SERVICING PROCEDURE

F53 T55

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2. TESTING (contd)

2.3 Arrestor hook indicator lamp (green)
(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.

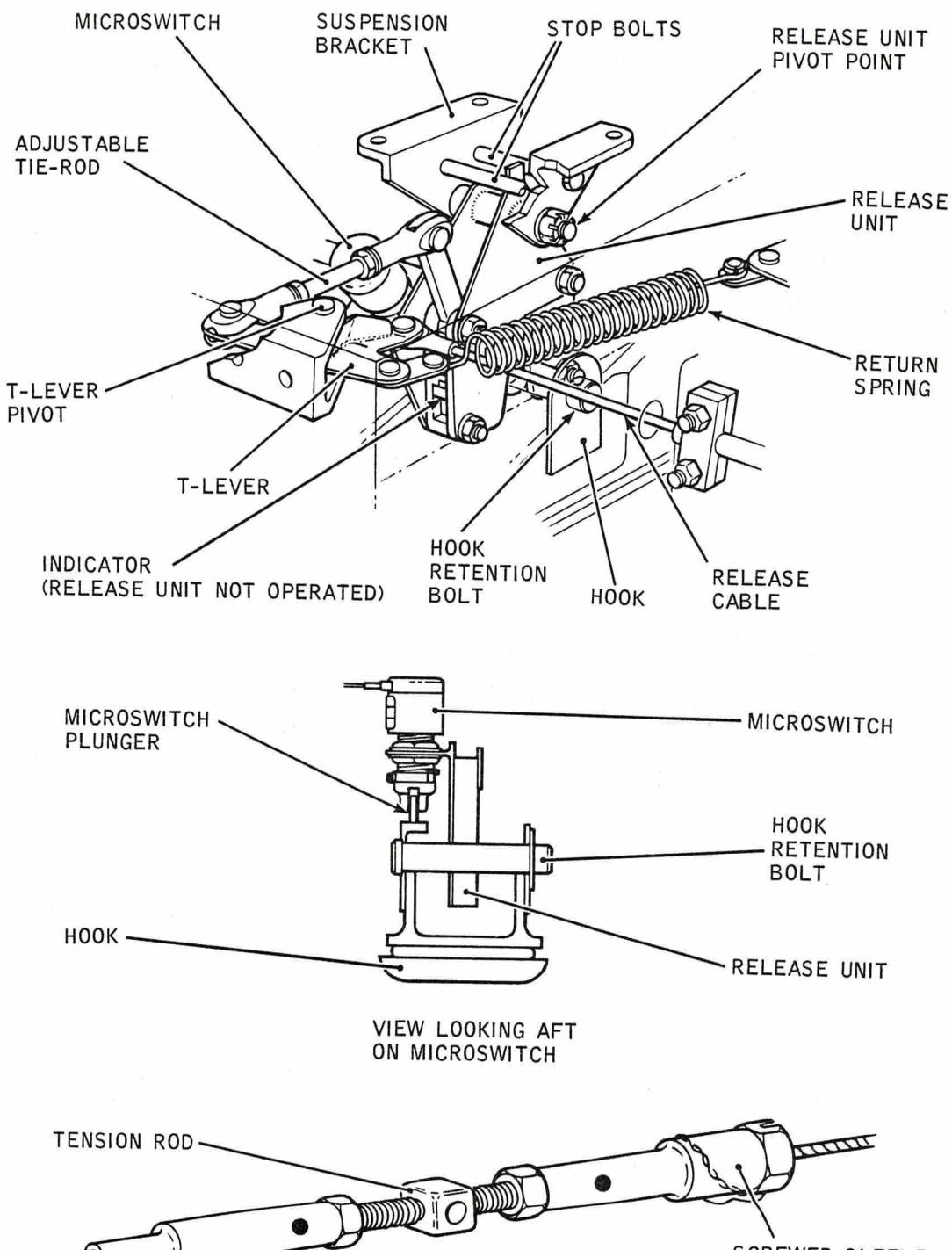
2.6 Arrestor hook system. Check (SP 419 (AF)).

3. COMPLETION

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

Continued

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BREAKDOWN/ADJUSTMENT POINT, FRAMES 56-57

SYSTEM DETAILS - ARRESTOR HOOK

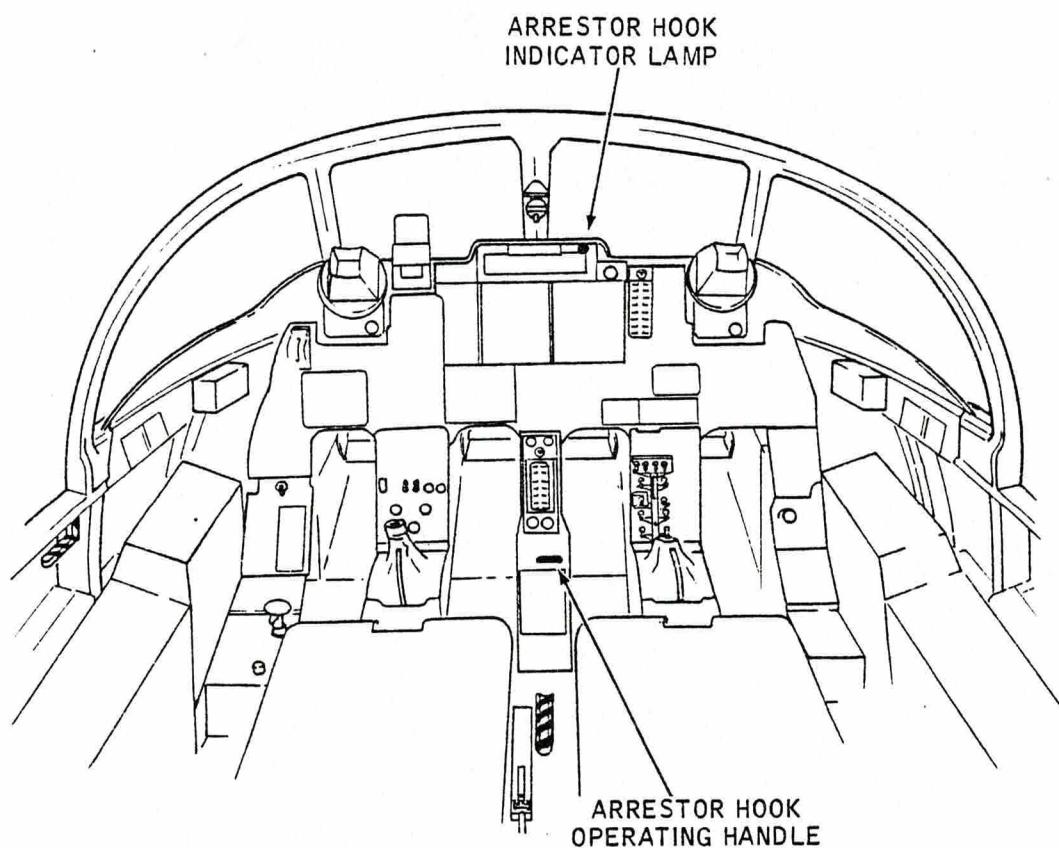
FIGURE 3

CHAP 2 AIRFRAME
SP 140 AL 4
SHEET 6 OF 6

SERVICING PROCEDURE
F53

BAC F53 & T55 (SA)
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ARRESTOR HOOK CONTROLS - COCKPIT (T55)
FIGURE 4

SERVICING PROCEDURE INSPECTION STAGES DO NOT EXCLUDE ADDITIONAL INSPECTION STAGES
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