CHAP 1 AIRFRAME SP 28A AL 4 SHEET 1 OF 4	SERVICING PROCEDURE F53	BAC F53 & T55 (SA) 5A3A Section 1 2nd Edition

Canopy Internal And External Jettison Cables - Adjustment	AFSC 42252 43151 42272 43171	TIME EST
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.		

SPECIAL TOOLS AND EQUIPMENT

Nil.

ASSOCIATED PROCEDURES

SP 5A(AF)
132A(AF)
133 (AF)
1A(W)
2A(W)
6A(AF)

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NOTE: Items 1 and 2 are only applicable when the internal jettison cables require adjustment.

1. PREPARATION

1.1	Canopy.	Remove (SP 5A(AF)).

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2. PREPARATION

2.1	Ejection seat.	Remove (SP 1(W)).

3. ADJUSTMENT OF EXTERNAL CABLE

3.1	Access panel 35P.	Remove.
3.2	Reduction lever (See Fig.1).	Ensure against stop.
3.3	External control handle.	Ensure in locked position.
3.4	Cable.	Adjust turnbuckle until cable is just taut (Access panel 35P).
3.5	Turnbuckle.	Ensure in safety and correctly locked.
3.6	T-Handle.	Ensure no play by adjusting screw in locking hook. (See Fig.1).
3.7	Access panel 35P.	Refit.

4. ADJUSTMENT OF INTERNAL CABLE

NOTE: Internal jettison handle must not be rotated.

4.1	Internal jettison handle.	(i) Slacken set screws on side of handle. (ii) Turn adjusting screw. (iii) Ensure lower cable slack.

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4.	ADJUSTMENT OF INTERNAL CABLE (Contd)	
4.2	Upper cable.	(i) Unlock eye-end. (ii) Remove shackle pin attaching eye-end to sear withdrawal lever.
4.3	Reduction lever (See Fig.1).	Ensure against stop.
4.4	Sear hook.	Ensure pressed firmly against firing pin roller.
4.5	Upper cable.	(i) Adjust cable length by rotating eye-end until shackle pin will just pass through eye-end and sear withdrawal lever. (ii) Check distance between swaged end-fitting and adjuster barrel is not less than 0.50 in. (iii) Adjust as necessary.
4.6	Upper cable eye-end.	(i) Check eye-end thread for safety. (ii) Replace shackle pin and split pin. (iii) Tighten locknut.
4.7	Sear hook.	Ensure pressed firmly against firing pin roller.
4.8	Reduction lever.	Ensure against stop.
4.9	Lower cable.	Pull gently at reduction lever end to apply slight tension.
4.10	Internal jettison handle.	(i) Turn adjusting screw in handle head to remove all slack from lower cable. (ii) Tighten set screws.
5.	TESTING	
5.1	Internal and external jettison cables.	Test (SP 132A(AF)).

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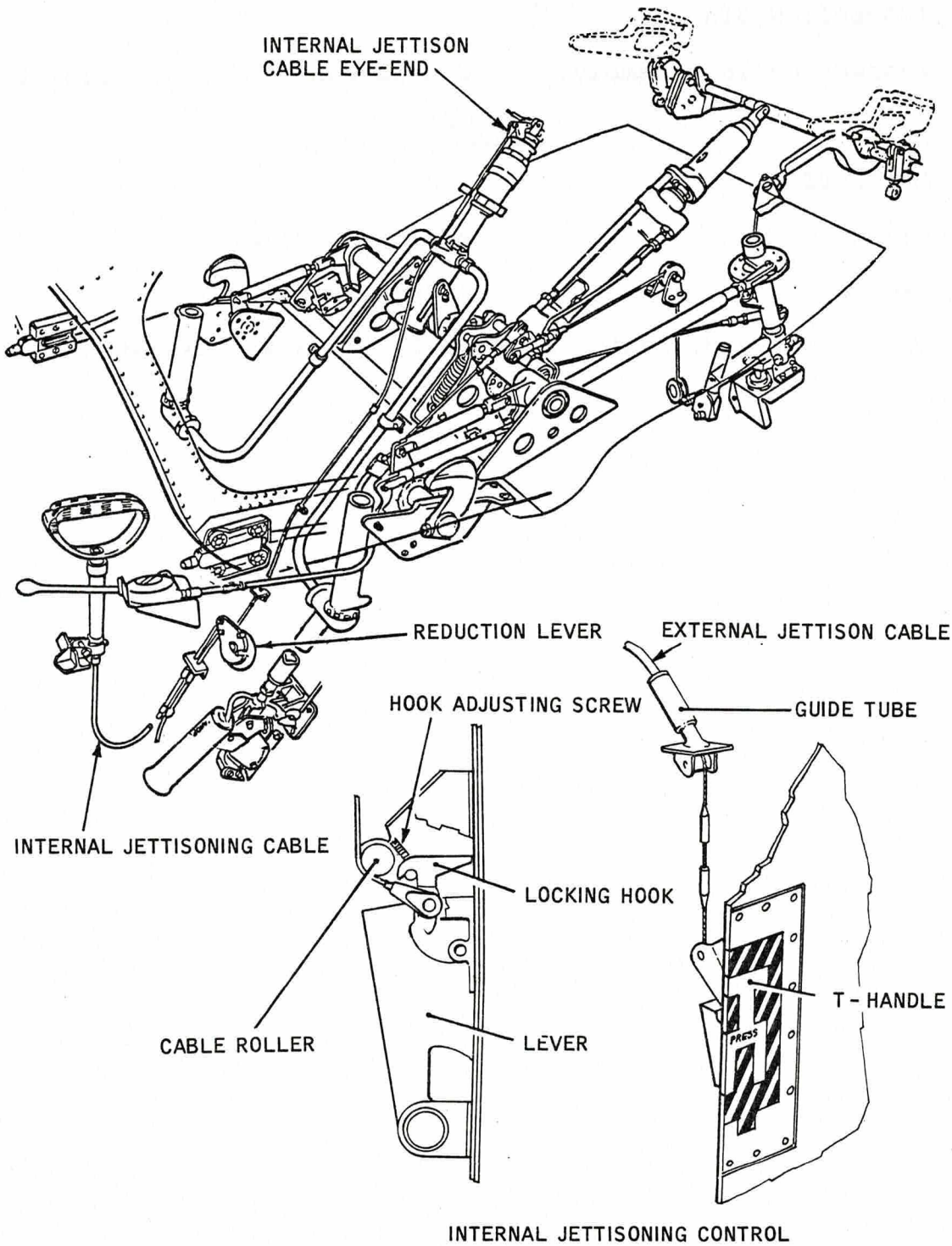

GENERAL ARRANGEMENT OF MECHANISM

FIGURE 1

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42272 (INSPECTOR)

6. INSPECTION STAGE

6.1 Inspect cable assembly. Independent Check (SP 133(AF)).

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7. COMPLETION

7.1 Ejection seat. Refit (SP 2A(W)).

7.2 Canopy. Refit (SP 6A(AF)).

NOTE: All wirelocking must be 22 SWG stainless steel wire.