

CHAP. 1 AIRFRAME S.P. 5A A.L. 6 SHEET 1 OF 4	SERVICING PROCEDURE F53	BAC F53 & T55 (SA) 5A3A Section 1 2nd Edition
Canopy - Removal		AFSC 43151 42252 32850
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.		TIME EST
SPECIAL TOOLS AND EQUIPMENT Sling (26DK/95263). Multi - purpose servicing hoist with No.3 jib.		ASSOCIATED PROCEDURES
<u>43151 / 42252</u>		
1. PREPARATION		
1.1 Access Panels 22P (left), 22S (right and 23.	Remove.	
1.2 Hinge breakaway panels.		
1.3 Violet picture RF and AF units.	Remove by AFSC 32850.	
1.4 Standby TR unit.		
1.5 Main battery.	Ensure connected.	
1.6 Battery master switch.	Ensure set to OFF.	
1.7 Canopy selector.	Set to OPEN.	
1.8 Canopy jack ram.	Extend, using aircraft hand-pump.	
1.9 Air drier flexible hoses (quantity 2).	Disconnect.	
1.10 Vent hose.		
1.11 Ejection seat safety catch withdrawal cable.	Disconnect from canopy. (See Fig.1).	
1.12 IFF aerial connector.	Disconnect from aft cockpit bulkhead.	
2. REMOVAL		
2.1 Canopy lifting eye-bolts (See Fig.2).	Screw in fully by hand, after removing canopy blanking screws.	

Continued Overleaf

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

2.2 Canopy. (i) Fit sling (26DK/95263). (See Fig.2).  
(ii) Slacken eye-bolts to align with sling.

2.3 Multi-purpose servicing hoist with No.3 jib. (i) Connect sling.  
(ii) Take up slack.

2.4 Jack attachment bolt. (i) Remove.  
(ii) Retain square nut.

2.5 Canopy selector. Set to CLOSE.

2.6 Canopy jack ram. Retract, using aircraft hand-pump.

2.7 Canopy. Lower to half open.

2.8 Hinge bolts; Access Panels 22P (left) and 22S (right). Remove.

2.9 Canopy. (i) Remove.  
(ii) Blank off air drier pipes.  
(iii) Stow and protect.

2.10 Handling equipment. Remove.

2.11 Battery. Disconnect (if applicable).

3. GENERAL

3.1 Canopy demisting pipe-bellows spigots. Examine for signs of the following:-  
(a) Insecure (unsafe) attachment.  
(b) Cracks, or fractures.  
(c) Corrosion, contamination or deterioration.  
(d) Distortion.  
(e) Chafing, fraying, scoring or wear.  
(f) Faulty or broken locking devices.  
(g) Obstruction of pipelines, leaks from pipelines.  
(h) External damage.  
(i) Overheating. There may be discolouration.

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CHAP. 1 AIRFRAME  
S.P. 5A AL  
SHEET 3 OF 4

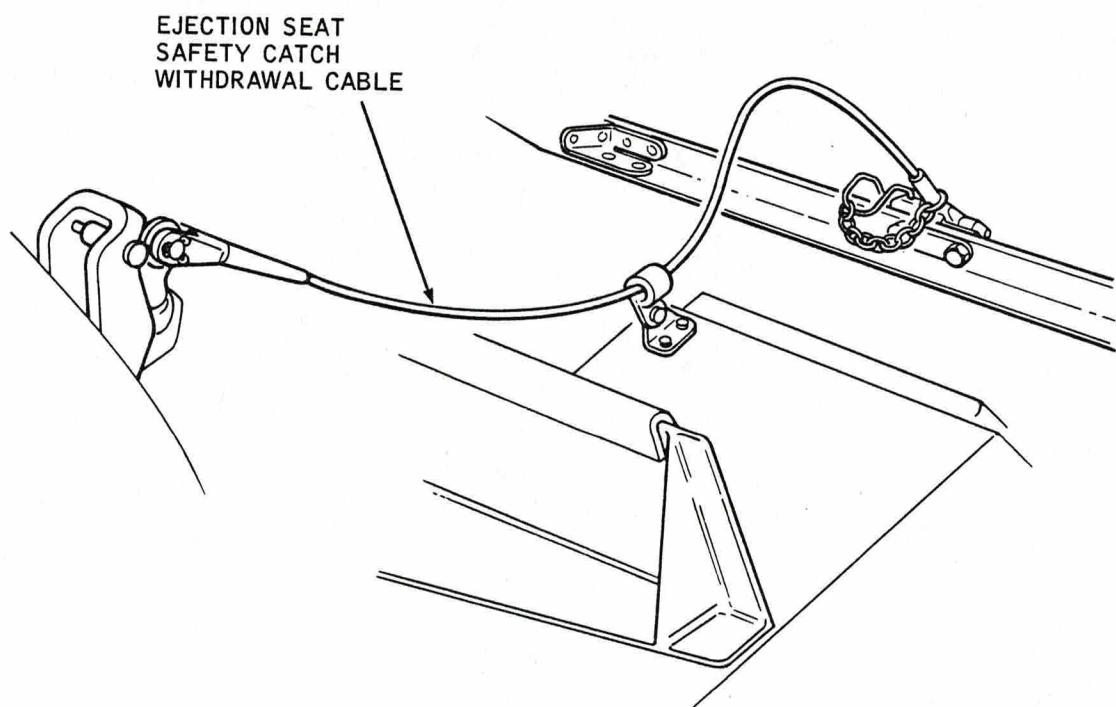
SERVICING PROCEDURE

F53

BAC F53 & T55 (SA)

5A3A Section 1  
2nd Edition

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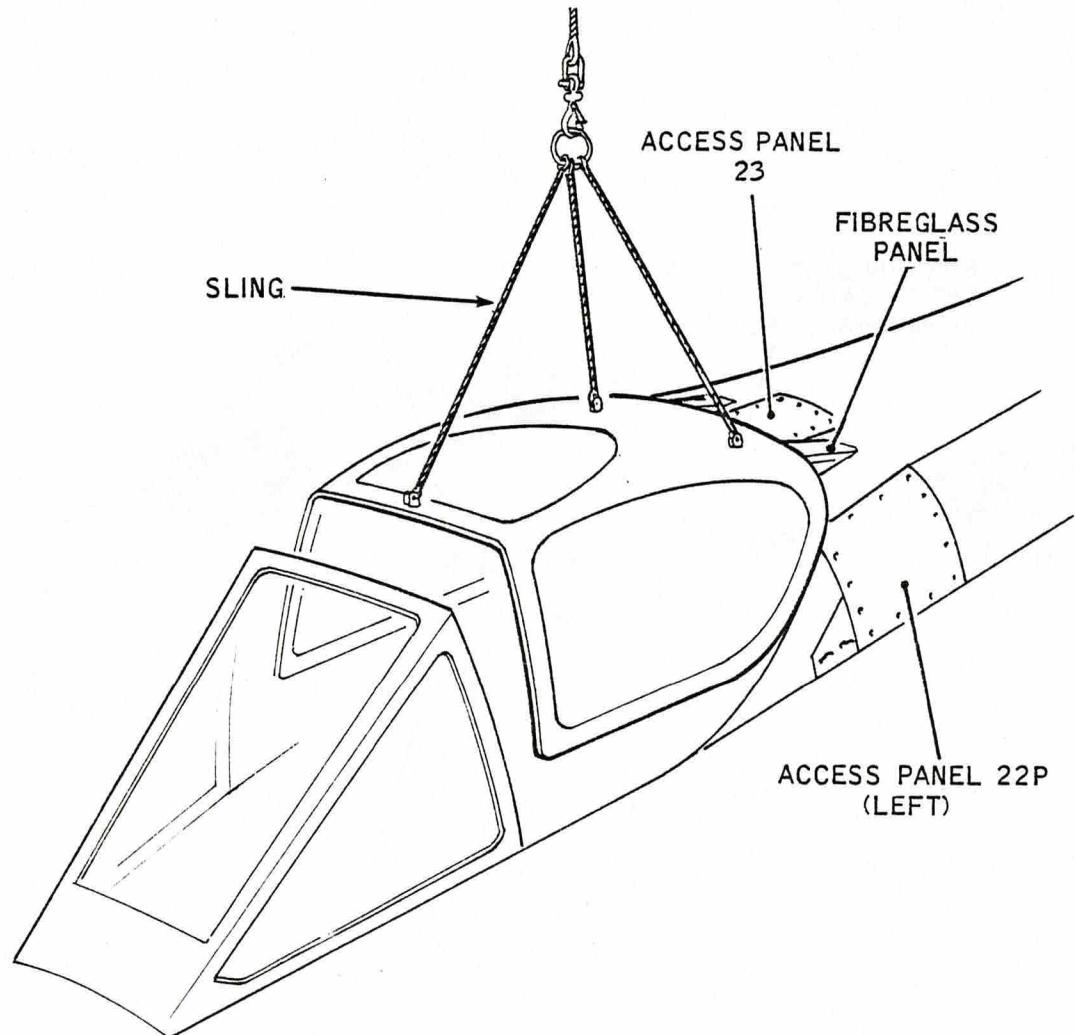


EJECTION SEAT SAFETY CATCH  
WITHDRAWAL CABLE

FIGURE 1

Continued Overleaf

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CANOPY - REMOVAL AND ASSEMBLY

FIGURE 2

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

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