

CHAP 1 AIRFRAME SP 33 AL 10 SHEET 1 OF 3	SERVICING PROCEDURE F53 T55	BAC F53 & T55 (SA) 5A3A Section 1 2nd Edition
No.2 Engine Hatch - Hinging	AFSC	TIME EST
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.	43151	
SPECIAL TOOLS AND EQUIPMENT		
Brace spanner (26DK/95084). Spanner (26DK/95425). Stays (26DK/95105) and (26DK/95301). Walkway (26DK/95112). Socket (1L/NIV 5/16 AF Bi-Hex extra deep).		
<u>43151</u>		
1. PREPARATION		
1.1 Spine Cover (Vis Recorder).	Remove.	
1.2 Spine Cover (Forward).	Remove.	
1.3 Spine Cover (Air Turbine).	Remove.	
1.4 Spine Cover (Rear).	Remove.	
1.5 HE unit leads.	Ensure slack.	
1.6 Ignition plugs HT leads.	Ensure slack.	
1.7 Throttle amplifier servo leads.	Ensure slack.	
1.8 Bleed air turbine bellows/air pipe assembly.	Remove.	
1.9 Split panel.	Remove.	
2. HINGING		
2.1 End-bolts cover plates.	Open.	
2.2 End-bolts.	Remove, working from each side towards centre, using spanner 26DK/95425.	
2.3 End-bolt spigots.		
2.4 Side bolts.	Remove using spanner brace (26DK/95084).	
Continued Overleaf		

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SHEET 2	OF 3		5A3A Section 1 2nd Edition

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43151

2. HINGING (contd)

2.5 Jack-bolt cover plates. Remove.

2.6 Jacking bolts (4 off). Screw down at each corner.

2.7 Hatch (See Fig.1). Raise evenly until hinge bolts align with sockets in Frames 42P (left) and 53P (left).

2.8 Hinge bolts. (i) Release from clips.  
(ii) Insert into sockets.

2.9 Hinge-bolt handles. Fit into clips.

2.10 Jacking bolts (4 off). Fully retract.

2.11 Hatch. Support in partly open position.

2.12 Stays (26DK/95105 and 26DK/95301). (i) Fit over spigots.  
(ii) Secure with hatch bolts.  
(iii) Fit locking pin.

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3. EXAMINATION.

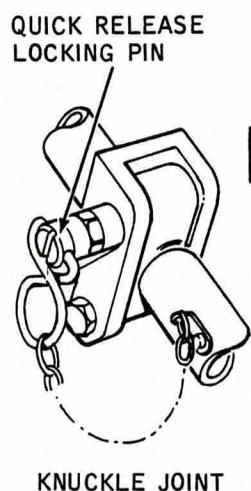
NOTE: Item 3 is not applicable when in phase with PE300 or on ECU replacement.

3.1 No.2 Engine air bleed valve operating ram body (043209). Examine SP433 (P).

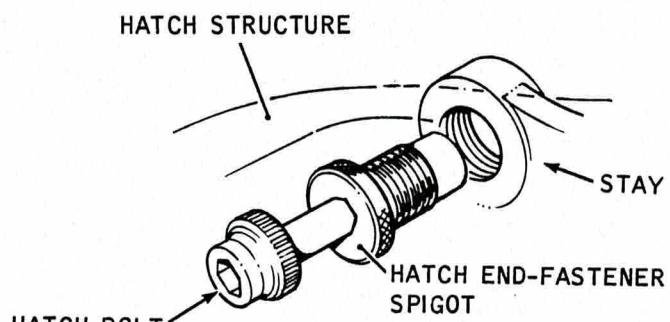
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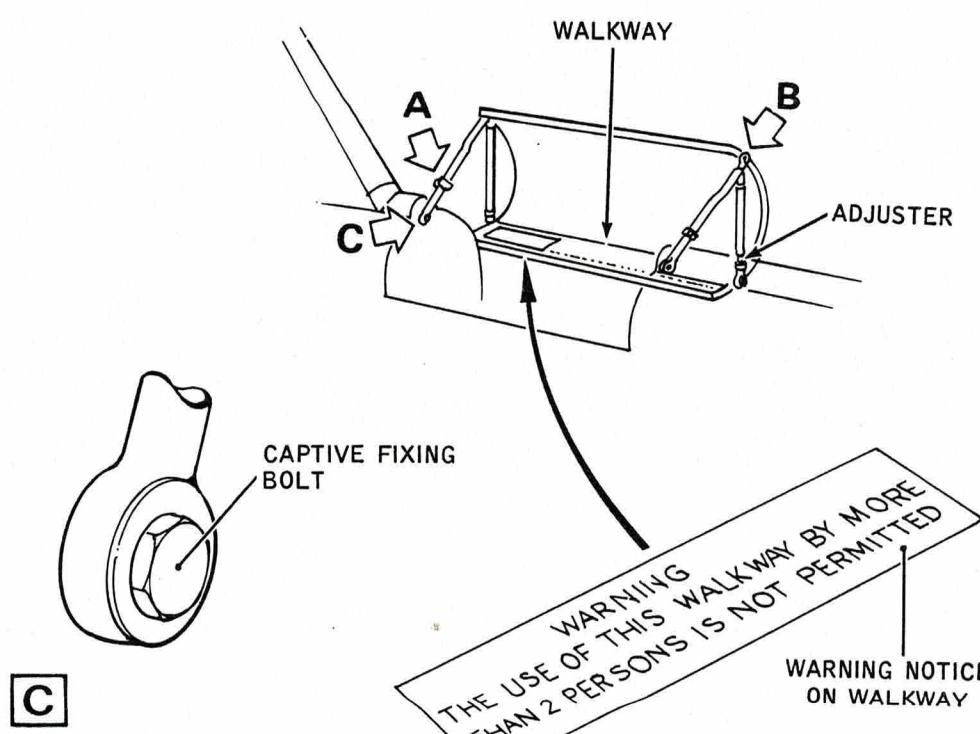


A



B

METHOD OF SECURING STAY TO FUSELAGE FRAMES



C

HINGING OPEN NO. 2 ENGINE HATCH

FIGURE 1



A close-up photograph of the side of an aircraft. The surface is made of light-colored metal panels with a grid of circular rivets. A vertical strip of orange-yellow material, possibly insulation or a repair panel, is visible on the right side. The lighting is dramatic, with a bright light source on the left creating strong highlights and shadows.

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