

CHAP	2	SP 100		SERVICING PROCEDURES				AP 101B-1000-5A3F (Section 2 (1st Edition))				TIME	ACT
TRADE	AIR COMMS		LIGHTNING										
SHEET	1	OF	3	SHEET/S	3		6	AL NO	19	DATE		EST	
TITLE	ARI 23232 - Radar Altimeter - Test							SERVICING RECORD - RAF F.2988B AC NO DATE					
Safety and Servicing Notes are to be complied with throughout the work detailed on this Card.								(1)	(2)	(3)	(4)	(5)	
Special Tools and Equipment								MAN HOURS	TRADESMEN INIT	BRIEF DETAILS OF OR SUSPECTED DEFECT	F. 720B NO	N.C.O. INITIALS	ASSOCIATED PROCEDURE CARDS
Nil.													
NB: This SP is only applicable to Post Mod Lightning 4846 Aircraft.													
<p style="text-align: center;">AIR COMMS</p> <p>1. <u>Preparation</u></p> <p>1.1 Indicator 48 AMR. Ensure set to 'OFF'.</p> <p>1.2 External power supplies. Switch 'ON'.</p> <p>2. <u>Built-in Self Test</u></p> <p>2.1 Indicator 48 AMR. (i) Switch 'ON'. (ii) Rotate Index Setting Knob and ensure 'Bug' can be moved between 0 ft and 5000 ft. (iii) Set 'Bub' to 0 feet.</p> <p>2.2 Remote warning indicator light. (i) Press to test. (ii) Ensure both remote and indicator warning lights operate. (iii) Release and ensure lights extinguish. (iv) Ensure mechanical dimmer operates smoothly.</p> <p>Note. Before commencement of sub-item 2.3 allow two minutes for equipment to 'warm up'.</p>													
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SP NO	100	CONTINUED			AC NO DATE				
SHEET	2	AL19			SERVICING RECORD				
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.					(1)	(2)	(3)	(4)	(5)
AIR COMMS									
2.	<u>Built-in Self Test (Contd)</u>								
2.3	Indicator 48 AMR.								
	(i) Ensure off flag has cleared.								
	(ii) Depress 'press to test' and ensure indicator feeds 100 ft PLUS OR MINUS 15 ft and low warning light does not illuminate.								
	(iii) Rotate index setting Bug to over 100 ft and ensure low height warning is indicated on both indicator and remote warning light as Bug passes indicated height.								
	(iv) Decrease index setting Bug height below indicated height and ensure low height warning extinguishes.								
	(v) 'Press to Test' release.								
3.	<u>Overall System Check</u>								
3.1	Indicator 48 AMR.								
	(i) Set bug height to zero ft ensuring the 'OFF' flag remains cleared and that low height indicators are both extinguished.								
	(ii) Set bug height to approximate 20 ft and ensure both low height indicators illuminate.								
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CHAP	2	AIR COMMS	SERVICING PROCEDURES LIGHTNING		AP101B-1000-5A3F	
SP NO	100	CONTINUED			Section 2	
SHEET	3	AL 19			(1st Edition)	
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.					AC NO DATE	
<div style="text-align: center;">AIR COMMS</div> <div> <div>4. General</div> <div> 4.1 Indicator 48 Switch 'OFF'. AMR. </div> <div> 4.2 External power supplies. (i) Switch 'OFF'. (ii) Disconnect and stow. </div> </div>					SERVICING RECORD	
					(1)	(2)

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