CHAP	2	S	P 102	_			ING PR	-	RES			(S	B-1000-5 ection 1			N I		n's
TRADE			AIR I	RADAR	, 00 da	L	IGHTNI	NG		_	(1st	Edition)	I.a.		3	ACT	100
SHEET	1	0F	7	SHEE	T/S	. 3	IN STREET	5	6	AL		19	DATE	pulsi buls		TIME		1923
TITLE	VIS	Rec	order	Inșt	allati	on.							CORD - R				EST	
Safet with	y and throug	Serv hout	icing the w	Notes ork de	are to b	oe com	plied s Card			(1)	(2)		(3)	(4)	(5)	-		
Speci	al Tan	10.0	-d Ca	ipment						RS	EN	BRI	AILS OF	NO N	S			
Troll	ey Ai	rc	oolin	g MK 2						N HOURS	ADESMEN	DEF	S US PECTE ECT	720	N.C.O.			
	ing U Unit				ype 163	325.				MAN	TRAI	in the		ı.	S.Z.			
				WEAI	PONS			- 76		6841	Laci	99						
				licabl	le wher	n LIV	E MIS	SILE	S	3.0	70.00	OU.		i zirli Linion	Harest ad Lu			
	are f Item			licabl	le wher	n GUN	S are	load	ded.									
1.	Safet	у Р	repara	ation						. 7/0	3,1	3.3		ox ste			0	
1.1	LIVE	MIS	SILES		Off-loa					+8 activ					MIN C	0.00	CAKDS	
					(LP 271	В)				ing y	83	L.A.	1.03		4		DUKE	
1.2	Slipp	ers	•	I	Fit.		Ě						, along		rear -		PROCEDURE	
2.	Safet	y P:	repara	ation					li enc	Remu	100	m.P		1000	W 1			
2.1	30mm	ADE	N GUN		Disarm (LP 281		ral g	un pa	ack.	-100	NE -	ωĘ	17	at year	A d	y)*	ASSOCIATED	Edition)
				AIR I	RADAR							974						1
3.	Prepa	rat	ion															6 2nd
3.1	Weapo	ns.			Check w				2		-Ve	hall.			48 7			(5A6
				1	have be	een c	ompli	ed w	ith		-							28B
					proceed			1016					e					27B,
3.2	15 KV		ower)	Connec	t to	aircr	aft						1				LP
3.3	unit. Cooli		troll	ey)	and sw	itch	on.			1					- NE	100		
3.4	Radar				(i)		ch to				200 10			n ya	0,000		DES	N. P.
		Susp	ensio		(ii)	Ensu	pit s re Pr	otec	tive	9		100		97 11/4	prite	1.0	TRADES	-
		stra	p and			junc rest	er pa tion s aga raft	box inst			3,44	01.10					ASSOCIATED	M
										-		and the same of th				-	0	1303
																	SP NO	2
SMS/	32/	37	13					10.0		Co	ntin	ue d			-11.14	1		102

CHAP	2	AIR RADAR		SERV	ICING PRO	CEDURES		AF	2101B-1	1000-5A3	म		1			
SP NO	102	102 CONTINUED			O2 CONTINUED LIGHTNING				9.7	Section 1 (1st Edition)						
SHOW	2	AL 19	17 19				AC	AC NO DATE								
Safet	y and S	ervicing Notes a	re to be o	omplied	l with th	roughout		SERVICING RECORD								
the w	ork det	ailed on this car	rd.				(1)	(2)		(3)	(4)	(5)				
	i le	AI	R RADAR				misa	1460	mi -	na la rro de	I al	7. 12	M			
3.	Prep	aration (Con	td)				107	01A	i a i vic	o pel stra	2 10		1			
3.4	(Con		55.						la dilinina		o sro		1.04			
	(b)	Cable forms.	ment o	ompar and	tment t	quipment		AS Deve	MR 3 MAX MAX MAX		ira deù Fil	70 L				
								MONE)	27							
3.5		r Unit toring.			EU seat		i Iren	14	ROLL				i Pil			
3.6	Swit	ches.					· Comme	028	and the later			* III IV				
		Inst Master Switch.	Set to	ON.					0 4 3 m			10 V				
		MRG ON/OFF switch.	(i) (ii)	Ensu	to ON. re MRG		Jaj-	200			N AC	14	CANC			
		AI change- over switch. (If fitted)	Set to		e start IL'.	.S •		111).		Page 3	(G)	A) I C			
	(d) (Ground Test/ Normal switch	1.			sition.			hilde,		W.A.					
		AI ON/OFF switch.			A. 109 SE											
	I	Master Armament switch.	Set to	GW.			200		TC.A			and I				
3.7		al Recorder Cover.	Remove		t de		tale abs		*							
	(b) M (c) S	Magazine. Sighting	Remove Fit.					DE la Posti								
▶ ◀		unit.											*1			
T .	Disp	Lays									a.Vo.					
4.1	Groun Link.	nd Arming	Fit.				1	U hall	[[er i I	150 h				
4.2	Safet	y Break.	Remove	•			A	10				usil."				
4.3	Engir	ne Master.	Ensure (Down]													
SMS/	82/3	57/3A					Con	tinue	đ							

CHAP	2	AIR RADAR		SERVICING PROCEDURES		AP		00-5A3F					
BP NO	102	CONTINUED	NUED LIGHTNING				Section 1 (1st Edition)						
Никол	3	AL 7	780 (65)		AC NO DATE								
lafety	and S	ervicing Notes are	to be com	to be complied with throughout			SERVICING RECORD						
the wo	rk det	ailed on this card			(1)	(2)	(3)	(4)	(5)			
		AIR	RADAR		hotel	(0)	es Lin	ell coh	1.00				
						-							
4.	Disp	olays (Contd)											
4.4	ΔRM	/SAFE	Select	ARM.				Paladia and					
	Swit		20200	aldinev valigada									
				galidan dyaretil									
4.5	LFS/	CRT Switch.	Select	LFS.	100	6)							
4.6	(a)	Visual	(i)	Check lamps LPI									
	,,	Recorder.		and LP2 light when									
			(::)	trigger is pressed.	130								
			(ii)	Check lamp 2 lights when GS Cage button					4				
				is pressed.					800				
	(b)	Indicator/s	(i)	Check lamps E and I									
		Az Range.		light when the trigger is pressed.	100	Lan.							
			(ii)	Check lamp I lights	an Li	117							
				when GS Cage button	y Sign	103			100				
				is pressed.									
4.7	ARM	/SAFE	Set to	SAFE.									
12.1		tch.					7.11.07		Hall by				
1. 0	a c	1 1	m: L		A TRIL								
4.8	Sai	ety break.	Fit.						ar c	8)			
4.9	Gro	und Arming	Remove	Cuna	142								
	Lin	k.				L. R.			lott 10				
5.	Reci	order Display			alba.	1			la Prince	V 22			
)•	1100	order Dispia,			1	10	. '		a suppli				
5.1		16016.		-mada,	Links	political in							
	(a)	Phase	Select	search phase.					har.	70			
		change trigger.			dan	186	1,0		100-1	le)			
	(b)	Range	Select	40nm range.	1		de		15%				
		selector			Server			1 TAG	100				
	(0)	button. Gain	Ensure	set to optimum ie	112	TALLS!			1.1				
	(0)	control.		se is just visible						,			
				icator.	199	No.			NO.F.	170.00			
				gas on their effect	1000								
										barr.			
						1			100				
					Top	bite	10.4						
					of townser		-						
								4					

5.2 Visual (a) Dis	AIR RAI er Display (Cor Recorder.	Check bright, clearly defined	AC N	(10	Section Section Section Officers Section Officers Section Officers Section Officers) · · · · ·	(5)
5. Records 5.2 Visual (a) Dis 5.3 CU 1601 (a) Ran con (b) Ran sel	oing Notes are to a d on this card. AIR RAI er Display (Cor	OAR Other check bright, clearly defined		o Ser	DATE	RD	
5. Records 5.2 Visual (a) Dis 5.3 CU 1601 (a) Ran con (b) Ran sel	AIR RAI er Display (Cor Recorder.	OAR Other check bright, clearly defined		SER	VICING RECOF	RID .	
5. Records 5.2 Visual (a) Dis 5.3 CU 1601 (a) Ran con (b) Ran sel	AIR RAI er Display (Cor Recorder.	OAR Other check bright, clearly defined	(1)	-			(5)
5.2 Visual (a) Dis 5.3 CU 1601 (a) Ran con (b) Ran sel	er Display (Cor	Check bright, clearly defined	neo no Lac		n morell gardens of the state o	1 11	
5.2 Visual (a) Dis 5.3 CU 1601 (a) Ran con (b) Ran sel	Recorder.	Check bright, clearly defined	SLAC	A P.	EA		Mar.
5.3 CU 1601 (a) Ran con (b) Ran sel		clearly defined					
5.3 CU 1601 (a) Ran con (b) Ran sel		clearly defined	1 -				
(a) Ran con (b) Ran sel		display visible through sighting head.	(toed)	88.			
(a) Ran con (b) Ran sel	(ii	Check display limits coincide with edges of CRT			Topp		
(a) Ran con (b) Ran sel	(ii	mask. i) Check lamp LP3 only illunimated.	10	1.0			
sel	ge Adj trol. mar	ust to set acquisition ker to 10nms on icator.		£)	adjust of S		٥.
		ect 10nms range.			(r) (r)		
5.4 Visual (a) Eve	Recorder.			a-E _l			<u></u>
lam (b) Dis	ps. illi	ck only LP4 is uminated. ck acquisition marker at 10nms.	a you	14 40			
5. MUM Por Starboa: Weapons	rd weaj	to 'PORT AND STBD' pon in turn and ck LP5 and LP6		2	ير المجوليين		2 3
Switch.		uminates.				000	-
5.6 CU 16016 (a) Add		ect on.		10 J	All September 1989		
swit (b) Reje Leve		ect inwards (Rear) release.	-				
5.7 Indicate and Rang	or Az Ensu	are that an enlarged circle with no gap present.	der		1000		
5.8 CU 16016 Reject I		ct outwards (Forward)					
SMS/82/37		hold.					

CHAP SP NO	2 102	AIR RADAR	SERVICING PROCEDURES LIGHTNING			101B-1000-5A3 Section (1st Edition)	F			
TURNE	5	AL 7	Water and the second	AC NO DATE						
	-			AC I	China Carlotte and Carlotte	RVICING RECORI		•		
		sailed on this care	e to be complied with throughout	(1)	(2)	(3)	(4)	(5)		
		ATD	RADAR	1	(2)	(3)	(4)	())		
		ALK	, ADAR		E. Atl	STA				
5.	Reco	order Display	(Contd)			on Stance				
5.9		ual Recorder	Check Lamp 7 illuminated.		des	14-12-13-13-13-13-13-13-13-13-13-13-13-13-13-	120			
5.10		16016. Reject Lever.	Release.	ļ.	Lgq	14 S. C to		ra.		
	(b)	Additional facilities switch.	Select off.			1247	l lui			
6.	Reco	order Displays								
6.1		16016 range ector button.	Select 40nm range.							
6.2	Unit		m St emman			40000000				
		Selector switch. Gain	Set to MAX gain.							
	(5)	control.								
6.3		aal Recorder	Check that signals are inhibited for approx 7nms of display and ensure noise spectrum is displayed in this area.		lane.	7 (10)				
6.4	Uni		dought have not			Lane Prove				
		Gain control. Selector Switch.	Adjust for approx 2nms of noise on indicator. Set to 'PROP NAV'.			100				
6.5		ual Recorder play.	Ensure 'Homer' marker is displayed and event Lamp LP8 is illuminated.			Marie and Marie				
6.6	Ext		Set to 'OFF'.	i na		1,750 (15.	T LATER			
						*				
ava /	25	137/5			tinue					

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CHAP	2	A_ RADAR	SERVICING PROCEDURES		AP	101B-1000-5A3 Section 1	F	
SP NO	102	CONTINUED	LIGHTNING			(1st Edition)		
SFIE	7	AL 19		AC I	2000	DATE .		
the co	and S rk det	Servicing Notes are sailed on this card	to be complied with throughout	(4)	dynamical and the same of the	RVICING RECORD	(4)	(=)
	LILLAND CO.	ΛTD	RADAR	(1)	(2)	(3)	(4)	(5)
		AIR	RADAR					
8.	Gen	eral (Contd)						
8.2		ter ament tch.	Set to OFF.					
8.3		ON/OFF tch.	Set to OFF.					
8.4		trument ter switch.	Set to OFF.			я		
8.5	(a)	ual Recorder. Camera.	Remove sighting unit and fit loaded magazine.					
		Camera Test button. Magazine	Operate and ensure test lamp lights intermittently as film feeds. Refit.					
8.6		Cover. 15KVA Power) Unit.	(i) Switch OFF. (ii) Disconnect from			8 . N		
,	(b)	Cooling) trolley.	aircraft.					
8.7		ar Test ness.	Disconnect and Remove.					
8.8 ▶ ◀		er Unit itoring.	Disconnect and Remove.					
						- 1		
						_		
-4								
SMS/	32	37/6		Con	time	d		

		most acomposite (i.i.) I take	
		- The making to published (d)	

