CHAP	2	SI	P 100		SE	RVICING	PROCEDU	IRES		AP	101B-			E			
TRADE	ALECCO.	F	LT SYS	T	orania de la comp	LIGHT	NING	i-tures-poi	ingenia Maria	(1st Ed	tion litior				1	ACI
SHEET	1	OF	6	SHEET	/S	3	5	6	AL	NO	12	ATE	DE ZIN	ingle '	Name of	TIME	
TITLE	Taca	n Ra	nging	and E	Bearing	Tests			SERV AC N	ICIN	G RECO	RECORD - RAF F.2988			9888		EST
Safet; with	y and throug	Servi hout	cing No	otes ar rk deta	re to be liled on	complie this Ca	d rd.		(1)	(2)	(3)	1	4)	(5)		
Specia	al Too	ls an	ıd Equip	oment				100	HOURS	1EN	BRIEF DETAI OR SU	LS OF	ED	0B NO	r.S		
			7, 6C					-00	MAN HO	TRADESMEN INIT	DEFEC		Lores	F. 720	.C.O. NITIALS	W.	
			FL	T SYS	r				E	Ė			+	L	N I	4	
1.	Prepa	ırati	Lon							i sigel	NOS Sol						
	Tacar unit.		upling			nect ra . (Con			or exte					In			
1.2	Туре	7 te	est se	t.	(ii)	Connector Connector MOTORIA	s. t TACA NG CAB	N LE	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1							E CARDS	
						to the coupling input	ng uni		in in the second				Consistency and the second second			PROCEDURE	
	suppl	ies	power			Connec aircra Set to	ft.	o no	ei i Aidst Maria							ASSOCIATED	
1.5		er sv set	vitch. type	7	Set to	'ON'.		ALC:	0.00 0.00				0 14			AS	
1.6	Test	set	type	7.		a.c an indica			100	1	100		tol				
2.	Range	e Cor	ntinui	ty Tes	st			Ender	nel.	17							
	Nav d swite		Lay mo	de	Set to	'DL'.				1							
2.2			type selec		Set to	posit	ion 31	i ola Limi	orl() per				-				
	(c) A	Notor Swite ADJ n	range	}	coupli	motor ng uni throug	t rang	е	187 021 021						1 12	ASSOCIATED TRADES	
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CMS/	80/4	-53/	4						Co	ntinu	ie d				-		

CHAP SP NO	2 100	FLT SYST	SERVICING PROCEDURES LIGHTWING			101B-1000-5A3 E Section 1 (1st Edition)				
SHEET	2	AL 12	- CAROLE STAIRS A CHOICE TAIL 25	AC		DATE .				
Safety	and S	servicing Notes	are to be complied with throughout		SERVICING RECORD					
the wo	rk det	ailed on this ca	urd.	(1)	(2)	(3)	(4)	(5)		
			TLT SYST		No.	- Carlo Carl				
2.	Rang		Test (Contd)	6.31 Bd	1, 32	Tagan Fungs				
2.3	Nav	display.	Check response is smoot and continuous.	h	inani Ng Uni	alalviak bib abi kanpunci	101			
NB	Accu		cems 3.1 to 5.6 the cions are exceeded item 6 is	Tet	Acie Acie mani	ot 1790 7.	i in o			
3.	Rang	ge Accuracy T	est							
3.1	Taca	n coupling	Motor the range scale t 0, 1,5 and 10nm, then i steps of 10 to 90 nm, 101 and 110 nm, then again in steps of 10 to 200 nm.	n	gu tru	figure areas				
3.2	Nav	display.	At each of the distance in Sub-items 3.1 the range counters are to b within 1.5 nm, and the roller blind indication is to be within 3 nm, o the range counter readings.	е		and Thermony	***			
4.	Bear	ring Accuracy	Test			Prevalue water de sound				
4.1	Taca	an coupling	Motor the range scale to 101 nm.	we	7 4	al Ins traduction				
4.2	(a)	rest type 7. Press to Motor bearing switch. ADJ motor speed control.	Slowly motor TACAN coupling unit bearing scale through 360 degrees.		T in	loike rade on the little sonia velials you				
4.3	Nav	display.	Check for a smooth response and that the bearing datum correspon to the TACAN coupling PLUS OR MINUS 5 degrees		T. C.	test dens dens jum densy. (de of dense 4 fed ten augleist wind twice				
4.4		display e switch.	Set to TAC.	** t	Ba Lo	or Swage				
SMS/	8014	+53/4A		Con	ntinue	d				

CHAP	2	NAV INST	SERVICING PROCEDURES		AP	101B-1000-5A		911			
SP NO	100	CONTINUED	LIGHTNING			Section (1st Edition					
SHEET	3			AC NO DATE							
Safety the wor	and Serk deta	ervicing Notes are ailed on this card.	to be complied with throughout		-	RVICING RECO	RD				
			ISNTRUMENTS	(1)	(2)	(3)	(4)	(5)			
4.	Bear	ring Accuracy		(VA)							
4•5	Off-set computer. Tacan coupling		Set to '000' on both range and bearing counters.								
4.6	Taca		 (i) Motor the range potentiometer to 5 nm. (ii) Slowly rotate BEARING scale, (Type 7 test set) through 360 degrees 		bor		(3) (a) (b)				
4•7	Nav	display.	Check bearing datum corresponds to the COUPLING unit bearing scale PLUS OR MINUS 20 degrees.					-0 -05			
5.	Off-	Set Accuracy I	est		NORF.			1			
5.1	Taca	n coupling	(i) Motor range scale to 101 nm. (ii) Motor bearing scale to 135 degrees.								
5.2	Off-	set computer.	Set counters to 101 nm and 45 degrees.								
5•3	Nav	display.	Ensure range counters read 142.5 nm PLUS OR MINUS 3.5 nm and a bearing of 90 degrees PLUS OR MINUS 2 degrees.								
5•4	Taca	n coupling.	Motor bearing to 45 degrees.								
5•5	Off-	set computer.	Set bearing counters to 215 degrees.								
5.6	Nav	display.	Ensure range counters indicate 17.5 nm. PLUS OR MINUS 2.5 nm. and a bearing of 130 degrees PLUS OR MINUS 10 degrees.		1,28						
			ed Troffstoon Passer bes		3,			L, e			
		10/9			tinue						

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CHAP	2	NAV INST		SERVICING PROCEDURES		AP1	01B-1000-5A3	E				
SP NO	100	CONTINUED		LICHTNING	Section 1 (1st Edition) AC NO DATE							
SHEET	5											
Safety	afety and Servicing Notes are to be complied with throughout he work detailed on this card.						VICING RECORD					
the wo	rk det	alled on this card.				(2)	(3)	(4)	(5)			
			NAV I	STRUMENTS			Mark et Venimore justice					
6.	Tac	an Alignment	(Contd)		(ne	eo j						
6.9 Nav display amplifier.				Adjust the OFF-SET CAL. POT to give a range counter reading of 102 nm, on NAV DISPLAY. Adjust the OFF-SET PHASE POT to give a minimum reading on scale E. Repeat operations (i) and (ii) until counters on NAV DISPLAY read 102 nm with a minimum indication on scale E.	<u>a</u> Tem 1	THE TAX AND ADDRESS OF THE TAX ADDRESS OF THE TAX ADDRESS OF TAX A	Takeou tan Takeou tan Igano naok Takeou naok Takeou naok Takeou naok Takeou naok					
6.10	Off-	-set outer.	Return	range and bearing rs to '000'.								
6.11	Accı	ıracy checks.	Repeat	items 2.1 to 5.6 ive.								
7.	Com	oletion		MENTAPUO PADAT								
7.1		display e switch.	, ,	Set to 'COMP'. Ensure roller blind returns to compass presentation. (Black Sector).			t February					
7.2		trument master tch.	Set to	OFF .			granten rome.	5				
7.3		ernal power	Switch	'OFF'.		T OU	ig Langridge	4				
7•4	Tes ⁻ 7•	t set type	(ii) (iii)	Set test selector switch to 'OFF'. Set power switch to 'OFF'. Disconnect motoring and test point E and L cables from aircraft.								
RM	5201	0/10			Con	tinued						

	NAV INST		SERVICING PROCEDURES LIGHTNING	AP101B-1000-5A3 E Section 1 (1st Edition)							
HEET	6	CONTINUED		AC NO DATE SERVICING RECORD							
-	-	Yamai aina Watas ana i	to be complied with throughout								
he work	det	tailed on this card.	oo be compiled with the compiler	(1)	(2)	(3)	(4)	(5)			
		NAV II	NSTRUMENTS								
7.		mpletion (Conto			1112		eal.				
7.5	Tes	st socket 'E'.	Replace shorting plug.			val quilb		5.8			
7.6	Tes	st socket 'L'.	Replace blanking cap.								
7.7		can coupling it.	Replace radar input socket. (Connector 2).								
7.8	su	ternal power pplies. (AC d DC).	Switch 'ON'.								
7.9	-	strument ster switch.	Set to 'ON'.								
7.10		can control it.	Set power switch to 'ON'.								
7.11	Na	v display.	(i) Carry out functional test on all modes. (ii) When DL and TAC mode selected ensure display is reproducing TACAN COUPLING UNIT motion and the appropriate range and bearing indications.		en of im	delection for the control of the con		di.B			
7.12		acan control	Set power switch 'OFF'.		nel Kara						
7.13		nstrument aster switch.	Set to 'OFF'.		-X-	, no:					
7.14	sı	xternal power upplies. (AC nd DC).	(i) Switch 'OFF'. (ii) Disconnect cables and stow.			ABBRAGA Sept. Los -	TKP!	6.1			
			And but namen test (in temper of the test of t								
		010/10A		-	Contin	hor	SALUM.				

