CHAP		SERVICING PROCEDURES		AP 101B-1000-5A3E (Section 1						
TRAD	FLT SYST	LIGHTNING		(1st Edition)			TIME	ACT	
SHEE		HEET/S 3 5 6	-	AL NO 12 DATE						
TITL	Nav Display Synthesis Test (Air/Ground	stem Tacan Mode Function nd)	SERVICING RECORD - RAF F.2988B AC NO DATE					1	ST	
Safe with	ty and Servicing Note throughout the work	es are to be complied detailed on this Card.	(1)	(2)	(3)	(4)	(5)		3	
C	fol Tools		SS	Z	BRIEF DETAILS OF	N O	S			
Test	ial Tools and Equipme Set Radio Type 10		HOURS	TRADESMEN INIT	OR SUSPECTED DEFECT	7208	N.C.O. INITIALS		The same of the same of	
Test	Kit Type 6996.		MAN	TRA		11.	INI			
	F	LT SYST						4		
1.	Preparation		TO.		In ald no					
1.1	External power supplies.	Ensure switched on.		Deres	a time for					
	(A.c. and d.c.).				Morrougo a					
	A	IR RADAR	W.		malid			. 50		
2.	Preparation				sand travers			E CARDS	-	
2.1	Test kit,				Life Tilling	7		PROCEDURE		
	Type 6996. (a) RF cover	Secure over aerial.			eller lam			ROCE		
	Type 4345. (b) Connector.				Cis. White with Expedie	1,033/1			and the second second	
	(b) Commector.	Connect to RF cover and test set RF socket.			14-00			OCIATED		
2.2	Test set,			1 1167	Carle in the			ASS	-	
	Type 10166.	Connect to 115V a.c.	NO CA		S managa (mail dall)	1				
	connector.		374		- Same P(10) by					
	(b) On/Off switch.	Set to 'ON'.	N.S.	- B	Amiran Tarreity	6				
and the state of t	anni de majorio de de la granda	AIR COMMS	<u> </u>	1			1			
3.	Preparation	ALK COMPS	ang)		territoria ap	S Bu				
۶ . 1	Headset.	Connect to Pilot's mic/	14		100	linn:				
		tel socket.			amidik dila i etti					
3. 2	UHF set Normal/ standby switch.	Set to 'NORMAL'.			Aug 1750 m			7		
3.3	UHF control	(i) Set to 'TR'.	(n)		my malf	19		TRADES		
	unit.	(ii) Set volume control to mid-	a la		Tare de la comercia	N. H.	1 - 11	D TR		
		position.			COC server a			TATE		
			198	1 2 100	forther mile	MAG MOR		ASSOCIATED		
					OP LEE -	X-5		4		
								ON d		
	180/453/9		-	ntinu	L			S		

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CHAP	2	NAV INST	SERVICING PROCEDURES	AP101B-1000-5A3 E Section 1					
SP NO	111	CONTINUED	LIGHTNING	Section (1st Edition					
SHEET	3			AC NO DATE					
Safety	and S	ervicing Notes are t	o be complied with throughout						
the wo	rk det	ailed on this card.	(1)	(2)	(3)	(4)	(5		
		NAV I	NSTRUMENTS						
6.	Tes	+			1011				
	OMITTER STATE						1		
6.1	nav	display							
		Mode selector.	Set to 'TAC'.		1979.4				
	(b)	Roller blind.	Check tacan range display appears within 10 seconds.						
	(c)	Range counter.	Ensure flag clears.						
	(b)	Roller blind.	Check range scale alternately increases slowly to 200 nm, then moves rapidly hack to			inuo mana inuo enuon (s anniba:			
	(e)	Range	zero. Ensure indication is						
	(-)	counter.	approximately that of		all State				
			roller blind.	H N	P.00				
	(f)	Roller	Ensure bearing display						
		blind carriage.	rotates slowly anti- clockwise.						
			IR RADAR		Lergis	Percent lives to			
7.	Tes		D. BADAK						
7.1	Tes	t set.							
	(a)	Meter	Set to 'RX SENSE'.				P		
	(h)	switch. RF level	Adjust as required.	NA CONTROL					
	(0)	control.	Aujust as required.			Des Later			
	(c)	Range switch.	Set to '105'.	and the same of th	1.010.3	Tarkerske Tarkerske			
	(d)	Bearing switch.	Set to '140'.			Ligano matali		11	
7.2	Tac.	an coupling t.				ensurers if on			
	(a)	Range	Check indication is 105	101	toni.				
	(h)	indication. Bearing	PLUS OR MINUS 3 nm. Check indication is 140			a road		0.1	
	(5)	indication.	PLUS OR MINUS 5 degrees.		ļuer l	walkends be-		31	
			or married and acoust			enitopie epilek (d			
						edicted dist			
OW EO	010/	109		Cor	tinue	d.	NCX P		

CHAP	P 2 NAV INST		SERVICING PROCEDURES		AP	101B-1000-5A3 I	C		
SP NO	111	CONTINUED	LICHTNING	Section 1 (1st Edition) AC NO DATE					
SHEET	5	What was a second to							
Safety	and S	ervicing Notes are to	o be complied with throughout		and designation of the	RVICING RECORD	CONTRACTOR OF THE PARTY OF	Distriction of the last of the	
the wo	rk det	ailed on this card.		(1)	(2)	(3)	(4)	(5)	
		AII	R RADAR						
13.	Tes	t				A PER			
13.1		t set range tch.	Set to '105'.		p # is	n tegini ya			
13.2	uni	an coupling t range ication.	Check indication is 105 PLUS OR MINUS 5 nm.		3480	Litera Brisio			
		NAV II	NSTRUMENTS	2	ed L	odeč stáć n			
14.	Tes	<u>t</u>							
14.1	(a)	display unit. Range) counter.) Roller) blind.)	Check indication is between 100 and 110 nm.			PENDO (LE Life (Live) Estimate (Life Life (Live)			
		AIF	R RADAR						
15.	Tes	<u>t</u>							
15•1		t set ring switch.	Set to '140'.						
15.2		an offset							
	12 2	puter. Bearing	Adjust to that of Tacan coupling until plus 90						
	(b)	Range.	degrees. Adjust to that of Tacan coupling unit.						
		NAV II	NSTRUMENTS						
16.	Tes	<u>t</u>			-	The state of the s			
16.1	Nav	display unit.				trice in a country			
		Roller blind carriage.	Check that bearing is that of tacan coupling unit plus 45 degrees		i de	ngir dan tan Linesi	7		
	<i>(-</i>)		PLUS OR MINUS 2 degrees.			A PER TOTAL			
	(b)	Range)	Check that range identification is that		140				
	(c)	Roller blind.)	of Tacan coupling unit multiplied 1.414, PLUS OR MINUS 3 nm.	The state of the s		March Street Street Street at 12			
		Mode selector. Roller blind carriage.	Set to 'DL'. Check bearing is between 133 and 147 degrees.						

SHEET 6 AC NO DATE	CHAP	2	NAV INST	SERVICING PROCEDURES LICHTNING	AP101B-1000-5A3 E Section 1 (1st Edition)				
AIR RADAR AIR RADAR Test (a) Meter switch. Set to 'TX POWER'. (b) Attemator control. (ii) Adjust to set applicable only to control units Type 9273. Tacan control unit. (a) On/Off Set to 'OFF'. Switch. (b) Function Set to 'BRG'. NAV INSTRUMENTS 18. Test 18.1 Nav display unit mode selector. 19.2 General 19.1 MRG On/Off Switch. AIR RADAR Co. General 20. Ceneral 20.1 Test set power connector. supply. 20.2 Test kit Type 6996. (a) RF cover and test set RF socket.	-	111	CONTINUED	LIGHTNING					
AIR RADAR AIR RADAR AIR RADAR Test Test Test AIR Set to 'TX POMER'. (a) Meter switch. Set to 'TX POMER'. (b) Attenuator	THE PURCHASING								
AIR RADAR 17. Test 17.1 Test set. (a) Meter switch. Set to 'TX POWER'. (b) Attenuator (i) Adjust to set meter to '30'. (ii) Ensure cursor lies above Green sector. 17.2 In this Sub-item, sub-sub-item (b) is applicable only to control units Type 9273. Tacan control unit. (a) On/Off Set to 'OFF'. switch. (b) Function Set to 'BRG'. NAV INSTRUMENTS 18. Test 18.1 Nav display unit mode selector. 19. General 19.1 NRG On/Off switch. 19.2 Instrument master switch.) AIR RADAR 20. General 20.1 Test set power connector. supply. 20.2 Test kit Type 6996. (a) RF cover Remove from aerial. Type 4345. (b) Connector. Disconnect from RF cover and test set RF socket.				o be complied with throughout	(1)	-		(4)	(5)
17. Test 17.1 Test set. (a) Meter switch. Set to 'TX POWER'. (b) Attenuator (i) Adjust to set meter to '30'. (ii) Ensure cursor lies above Green sector 17.2 In this Sub-item, sub-sub-item (b) is applicable only to control units Type 9273. Tacan control unit. (a) On/Off Set to 'OFF'. Switch. NAV INSTRUMENTS 18. Test 18.1 Nav display unit mode selector. 19. General 19.1 MRG On/Off Switch. 19.2 Instrument master switch. AIR RADAR 20. General 20.1 Test set power connector. supply. 20.2 Test kit Type 6996. (a) RF cover Remove from aerial. Type 4345. (b) Connector. Disconnect from RF cover and test set RF socket.			۸ ۳۰	D DATAD	(1)	(2)	(3)	(4)	())
17.1 Test set. (a) Meter switch. (b) Attenuator (c) Adjust to set meter to '30'. (ii) Ensure cursor lies above Green sector 17.2 In this Sub-item, sub-sub-item (b) is applicable only to control units Type 9273. Tacan control unit. (a) On/Orf Set to 'OFF'. switch. (b) Function Set to 'BRG'. NAV INSTRUMENTS 18. Test 18.1 Nav display Set to 'COMP'. unit mode selector. 19. General 19.1 NRG On/Orf switch. 19.2 Instrument master switch. AIR RADAR 20. General 20.1 Test set power connector. supply. 20.2 Test kit Type 6996. (a) RF cover Remove from aerial. Type 4345. (b) Connector. Disconnect from RF cover and test set RF socket.				RADAR					
(a) Meter switch. (b) Attenuator (control. (1) Adjust to set meter to '30'. (ii) Ensure cursor lies above Green sector. 17.2 In this Sub—item, sub—sub—item (b) is applicable only to control units Type 9273. Tacan control unit. (a) On/Off Set to 'OFF'. switch. (b) Function Set to 'BRG'. NAV INSTRUMENTS 18. Test 18.1 Nav display Set to 'COMP'. unit mode selector. 19. General 19.1 NRG On/Off Switch. Set to 'OFF'. Switch. (b) Instrument master switch.) AIR RADAR 20. General 20.1 Test set power connector. supply. 20.2 Test kit Type 6996. (a) RF cover Type 4345. (b) Connector. Disconnect from RF cover and test set RF socket.									
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(a) On/Off switch. (b) Function Set to 'DFF'. (c) Function Set to 'BRG'. NAV INSTRUMENTS 18. Test 18.1 Nav display Set to 'COMP'. unit mode selector. 19. General 19.1 MRG On/Off Switch. 19.2 Instrument Master switch.) AIR RADAR 20. General 20.1 Test set Disconnect 115V ac supply. 20.2 Test kit Type 6996. (a) RF cover Remove from aerial. Type 4345. (b) Connector. Disconnect from RF cover and test set RF socket.	17.2					ĮK.			
18. Test 18.1 Nav display unit mode selector. 19. General 19.1 MRG On/Off switch. 19.2 Instrument master switch.) AIR RADAR 20. General 20.1 Test set power connector. supply. 20.2 Test kit Type 6996. (a) RF cover Remove from aerial. Type 4345. (b) Connector. Disconnect from RF cover and test set RF socket.		(a)) On/Off switch.) Function	Set to 'OFF'.		i de parte	An Trott (a)		- hal
18.1 Nav display unit mode selector. 19. General 19.1 MRG On/Off switch. 19.2 Instrument master switch.) AIR RADAR 20. General 20.1 Test set power connector. supply. 20.2 Test kit Type 6996. (a) RF cover Remove from aerial. Type 4345. (b) Connector. Disconnect from RF cover and test set RF socket.			NAV I	nstruments				-	m (Chapter)
19.1 MRG On/Off switch. 19.2 Instrument master switch.) AIR RADAR 20. General 20.1 Test set power connector. supply. 20.2 Test kit Type 6996. (a) RF cover Type 4345. (b) Connector. Disconnect from RF cover and test set RF socket.		Nav	display	Set to 'COMP'.		ale.	the bent		
20. General 20.1 Test set Disconnect 115V ac power connector. supply. 20.2 Test kit Type 6996. (a) RF cover Remove from aerial. Type 4345. (b) Connector. Disconnect from RF cover and test set RF socket.	19.1	MR(swi	G On/Off) itch.) strument)				. 10) Edu market (o		
20.1 Test set power connector. Supply. 20.2 Test kit Type 6996. (a) RF cover Remove from aerial. Type 4345. (b) Connector. Disconnect from RF cover and test set RF socket.			A	IR RADAR					
(b) Connector. Disconnect from RF cover and test set RF socket.	20.1	Tes pov Tes	st set wer connector. st kit Type 96.) RF cover	supply.			Jun Halquib do Halfoffo Sukiv Luktrab		
		(b)					marismi (a) ind immen i min Filolija (is)		
						A PARAMETERS	in abeli (a valida (a carrio		
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SP NO	7	CONTINUED	LIGHTNING	(1st Edition)						
SHEET			AND CONTRACTOR OF THE PROPERTY	AC I	THE PROPERTY OF THE PARTY OF	· · · DATE · · · · ·				
Safety the wo	and S	ervicing Notes are ailed on this card.	to be complied with throughout	SERVICING RECORD			to the particular states			
ALDIO SWALLSON	Manager Property leads			(1)	(2)	(3)	(4)	(5		
		A.	IR COMMS							
21.	Gen	eral								
21.1	Hea	dset.	Disconnect and remove from Pilot's mic/tel socket.							
21.2	UHF uni	control t.	Set to 'OFF'.							
21.3	sup	ernal power plies. (Ac dc).	(i) Ensure switched off.(ii) Disconnect.(iii) Remove.							
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