CHAP	2 SP 109	SERVIC	ING PROCEDU	RES		A.	P.101B-1000-5A Section	3 E	1.34	10	
RADE	NAV INST	L	IGHTNING				(1st Edition)	108	ACT	
HEET	1 OF 13 SHEET/S		3	5 6	AL	NO	DATE	A STATE	1 1522	TIME	-
TLE	Air Data System a Variable Height G	nd Flight Co earing C alil	ontrol Sy bration	stem Tests	. AC		ICING RECORD		tov o	EST	
Safety	and Servicing Notes are	to be complied	with through	shout	(1) (2)	(3)	(4)	(5)	强	
Special Test Test Test	rk detailed on this Card. Tools and Equipment Set Type 8A Mod Set Pitot/Static M Set P-V Mk 1. rol Valve Independent	Inst T133.	anitred	gve, s nent	MAN HOURS	TRADESMAN	BRIEF DETAILS OF DEFECT OR SUSPECTED DEFECT	F. 720B NO	N.C.O. INITIALS		
NB	This Procedure is aircraft incorpora Gearing, and may conjunction with Flight Control Test	applicable ating Variak be used sepa existing Air	ole Heigh arately,	or in			PL3.				
NB	NAV Tables 7 and 8 re: Procedure, are to set calibration ch	be found in	this the tes				Laure Miquin in La bas in			SO	
1.	Preparation	7501				a a a	-auto andi		1 1 1	CARDS	-
1.1	Pitot/Static test set Mk 3. (a) External supply lead. (b) Test set. (c) Pitot and static control valves	Connect to	externa			No.	of ten of transport to the tag tag the tag		8.	ASSOCIATED PROCEDURE	
1•2	P-V test set. (a) Supply outlets. (b) Pressure and vacuum controls. (c) Supply lead.	Connect to connect test set. Close. Connect to supply.	s on Mk 3		C.A.		test can beat can beautiful value value value value		\$.	Į.	
1.3	Independent control valve. (a) Inlet. (b) Outlet.	Tee into p between pr and Mk 3 t Ensure ope atmosphere	pitot lin ressure h sest set. en to						8 - 4	ASSOCIATED TRADES	
P,	M 52010 / 98					Con	tinued			SP NO	

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CHAP SP NO	109	NAV INST	SERVICING PROCEDURES LICHTNING			01B-1000-5A Section 1st Edition	1	
SHEET	2			AC 1	*******	DATE		
Safety	and S	ervicing Notes are	to be complied with throughout		The Sales of the S	VICING RECO		
		ailed on this card.		(1)	(2)	(3)	(4)	(5
		NA	V INSTRUMENTS					1
1.	Pre	paration (Con	td)	9414	100 TA		an drug	
1.4	Tes	t socket J.	Remove shorting plug.				100	conic
1.5		t set Type 8A. PL1	Connect to AD4 on air		on i		158 158 150	el ili iko ilio
	(b)	PL2.	Connect to FC5 on flight		PERS			2747
		PL3.	control computer. Connect to test sockets F and L on aircraft test panel.	3.00 ed 3.00	E de Ligrate Ligrate Ligrate Ligrate	e Psocoda cing, tad cing, tad cucono	TOTAL BLUE BLUE BLUE BLUE BLUE BLUE BLUE BLU	4
	(a)	PL4.	Connect to test socket J on FSDB.		L L G			
1.6	woq	ernal er supplies. c. and d.c.)	(i) Connect. (ii) Switch on.		nig L Ho V 02			
1.7	to Ins	urs, the instr	if runaway of pointer ument master switch is 'immediately. Set to 'ON'.					
1.8	spe uni fai	ght and ed display ts power lure warning gs.	Ensure show Black.		. bas			
2.	Air	Data System					7-7-	-
2.1		tem.	Allow 3 minutes warm up period.			The Line		
2.2	(a)	test set. Pressure valve. Vacuum valve.	Close.		State 1	Premedal		
		Pump switch Source selector.	Set to 'OFF'. Set to 'PRESSURE'.			elev Lori Vlav Lori Vlav Lori	turia turia (a)	
2.3		lependent ntrol valve.	Close.			- indiana		
2.4	val	ualizing ve. (Mk 3 st set).	Open.					
F	ZM 520	010 98A	A man in the second section of the second se	Co	ntinue	d	ON THE RESERVE THE PERSON	announce and

	2 FLT SYSTE	MS SERVICING PROCEDURES	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SP NO	109 CONTINUED	LIGHTNING	Section 1 (1st Edition)
SHEET	3 AL 14	THE RESERVE OF THE PARTY OF THE	AC NO DATE
Safety	and Servicing Notes	are to be complied with throughou	
the wo	rk detailed on this	card.	(1) (2) (3) (4) (5
		FLT SYST	
2.	Air Data Syste	m	
2.5	Test set Type (a) Switch Sl. (b) Servo indicator.	Set to 'TEST 2'. Ensure indicates 0000	00
2.6	Mk 3 test set. (a) Main switc		
	 (b) Pitot/Stat selector. (c) Supply selector. (d) Pitot control valve. (e) Static control valve. 	ic) Set and adjust as necessary to give P-S mb indication '0' and S mb indication c 1013.25.	
2.7	Switch Sl. (Test set 8A).	Set to 'OFF'.	
2.8	Vacuum valve. (P-V test set)	Open.	
2.9	Mk 3 test set. (a) Pitot cont valve. (b) Pitot/Stat selector.	' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	
	(c) Supply selector.	Set to EXTERNAL SOCI	21011
NB •		ms 2.10 to 2.31 inclusive, ion is to remain at '0'.	
2.10	Pump switch. (P-V test set)	Set to 'ON'.	
2.11		Operate to give S mb est indication of 696.814	1-
2.12	(a) Switch S1. (b) Switch S12	Set to 'f(H)/f(M)'. Set to 'f(H)'. Set to 'l'. Ensure indication is	re st

CHAP SP NO	2 109	FLY SYST	SERVICING PROCEDURES LIGHTNING			01B-1000-5A3	Ç	
SHEET	4	AL 14		-		1st Edition)		
			1. 1	AC I	THE OWNER OF THE OWNER,	DATE .	THE OWNER OF THE OWNER,	•
		iled on this card.	to be complied with throughout	(1)	(2)	(3)	(4)	(5)
		FL	T SYST		(-)	(5)	(4)	())
2.	Air	Data System	(Contd)					
2.13	Sta val	tic control	Operate to decrease S mb indication to 280.9.					
2.14	Ser	vo indicator.	Ensure indication is within PLUS OR MINUS 1600 of relevant figure in table 8.					
2.15	Star val		Operate to decrease S mb indication to 121.68.					l)
2.16	Ser	vo indicator.	Ensure indication is within PLUS OR MINUS 2400 of relevant figure in table 8.					
2.17	Sta val	tic control ve.	Operate to decrease S mb indication to 115.97.					
2.18	Ser	vo indicator.	Ensure indication is within PLUS OR MINUS 2400 of relevant figures in table 8.					
2.19	Sta val	tic control ve.	Close.					
2.20		ot/Static	Set to 'STATIC VENT'.					
2.21	Sta val		Operate to increase S mb indication to 121.68.					
2.22	Ser	vo indicator.	Ensure indication is within PLUS OR MINUS 2400 of relevant figure in table 8.					
2.23	Sta val	tic control ve.	Operate to increase S mb indication to 280.9.			1, , ,		
2.24	Ser	vo indicator.	Ensure indication is within PLUS OR MINUS 1600 of relevant figure in table 8.	6				
2.25	Sta val	tic control	Operate to increase S mb indication to 696.814.					
	11 240					1 1		

2	n N	
	474	

2	FLT SYST	SERVICING PROCEDURES LIGHTNING		AP	Secti	on 7		
			-					_
			AC 1					_
rk deta	rvicing Notes are liled on this card.	to be complied with throughout	(1)		TEXT TEXT OF SPICIAL LICES		.XI /=	_
	ान -	T SVST	(1)	(2)	(3)	- (4) (5)
Air								
9							-	
Del	o indicator.	within PLUS OR MINUS 800 of the relevant figure in table 8.						
		Close.						
		Set to 'STATIC INPUT'.						
(Tes	st set	Set to 'f(M)'.						
		Operate to set S mb indication to 300.9.						
Duri indi	ng Sub-item 2 cation is to	.31 to 2.51 inclusive S mb remain at 300.9.			, , ,			
Equa (Mk	dizing valve 3 test set).	Close carefully.						
		Operate to increase P-S mb indication to 19.07.						
Serv	o indicator.	Ensure indication is within PLUS OR MINUS 2300 of relevant figure in table 7 of calibration chart.						
Inde	ependent rol valve.	Operate to increase P-S mb indication to 33.59.			1 II 1			
Serv	o indicator.	Ensure indication is within PLUS OR MINUS 5000 of relevant figure in table 7.			1, 1			
		Operate to increase P-S mb indications to 79.28.						
Serv	o indicator.	Ensure indication is within PLUS OR MINUS 630 of relevant figure in table 7.						
		Operate to increase P-S mb indication to 147.38.						
	Air Serv State valv Pito sele type State valv Durindi Equation (Mk Indecont Serv Inde	AL 14 and Servicing Notes are related and servicing Notes are related on this card. FI Air Data System Servo indicator. Static control valve. Pitot/Static selector. Switch S12. (Test set type 8A). Static control valve. During Sub-item 2 indication is to sequalizing valve (Mk 3 test set). Independent control valve. Servo indicator. Independent control valve. Servo indicator. Independent control valve. Servo indicator.	and Servicing Notes are to be complied with throughout ok detailed on this card. FIT SYST Air Data System (Contd) Servo indicator. Ensure indication is within PLUS OR MINUS 800 of the relevant figure in table 8. Static control Close. Pitot/Static Set to 'STATIC INPUT'. Switch S12. Set to 'f(M)'. (Test set type 8A). Static control Operate to set S mb indication to 300.9. During Sub-item 2.31 to 2.51 inclusive S mb indication is to remain at 300.9. Equalizing valve (Mk 3 test set). Independent Control valve. Ensure indication is within PLUS OR MINUS 2300 of relevant figure in table 7 of calibration to 33.59. Servo indicator. Ensure indication is within PLUS OR MINUS 5000 of relevant figure in table 7. Independent Control valve. Ensure indication is within PLUS OR MINUS 5000 of relevant figure in table 7. Independent Control valve. Ensure indication is within PLUS OR MINUS 5000 of relevant figure in table 7. Independent Coperate to increase P-S mb indications to 79.28. Servo indicator. Ensure indication is within PLUS OR MINUS 5000 of relevant figure in table 7. Independent Coperate to increase P-S mb indications to 79.28. Servo indicator. Ensure indication is within PLUS OR MINUS 630 of relevant figure in table 7. Independent Operate to increase P-S	and Servicing Notes are to be complied with throughout of detailed on this card. FIT SYST Air Data System (Contd) Servo indicator. Ensure indication is within PLUS OR MINUS 800 of the relevant figure in table 8. Static control Close. Pitot/Static Set to 'STATIC INPUT'. Selector. Switch S12. Set to 'f(M)'. (Test set type 8A). Static control Operate to set S mb indication is to remain at 300.9. During Sub-item 2.31 to 2.51 inclusive S mb indication is to remain at 300.9. Equalizing valve (Mk 3 test set). Independent Control valve. Servo indicator. Independent Control valve. Ensure indication is within PLUS OR MINUS 2300 of relevant figure in table 7 of calibration chart. Independent Control valve. Servo indicator. Ensure indication is within PLUS OR MINUS 5000 of relevant figure in table 7. Independent Control valve. Ensure indication is within PLUS OR MINUS 5000 of relevant figure in table 7. Independent Control valve. Ensure indication is within PLUS OR MINUS 5000 of relevant figure in table 7. Independent Control valve. Ensure indication is within PLUS OR MINUS 630 of relevant figure in table 7. Independent Control valve. Ensure indication is within PLUS OR MINUS 630 of relevant figure in table 7. Independent Coperate to increase P-S mb indications to 79.28.	and Servicing Notes are to be complied with throughout check detailed on this card. FIT SYST Air Data System (Contd) Servo indicator. Ensure indication is within FLUS OR MINUS 800 of the relevant figure in table 8. Static control close. Pitot/Static Set to 'STATIC INPUT'. Selector. Switch S12. Set to 'f(M)'. (Test set type 8A). Static control Operate to set S mb indication is to remain at 300.9. During Sub-item 2.31 to 2.51 inclusive S mb indication is to remain at 300.9. Equalizing valve (Close carefully. (Mk 3 test set). Independent Control valve. Ensure indication is within PLUS OR MINUS 2300 of relevant figure in table 7 of calibration chart. Independent Control valve. Ensure indication is within PLUS OR MINUS 5000 of relevant figure in table 7. Independent Coperate to increase P-S mb indication to 93.59. Servo indicator. Ensure indication is within PLUS OR MINUS 5000 of relevant figure in table 7. Independent Coperate to increase P-S mb indications to 79.28. Servo indicator. Ensure indication is within PLUS OR MINUS 5000 of relevant figure in table 7. Independent Coperate to increase P-S mb indications to 79.28. Servo indicator. Ensure indication is within PLUS OR MINUS 630 of relevant figure in table 7. Independent Coperate to increase P-S mb indications to 79.28. Ensure indication is within PLUS OR MINUS 630 of relevant figure in table 7.	AC NO	AC NO	AC NO

CHAP	2	FLT SYSTEMS	SERVICING PROCEDURES		AP1	01B-1000 Secti			
SP NO	109		LICHTNING		(1st Edit			
SHEET	6	AL 14		AC N		DA			•
Safety	y and	Servicing Notes are to	be complied with throughout	1.1	_	VICING R		(4)	151
the wo	ork de	and the same of the same of	LT SYST	(1)	(2)	(3)		(4)	(5)
							in 1 mp 100 1		
2.	Ai	r Data System (Co	ontd)						
2.39	Se	ervo indicator.	Ensure indication is within PIUS OR MINUS 300 of relevant figure in table 7.				/ = 1		1
2.40		ndependent ontrol valve.	Operate to increase P-S mb indication to 237.39.						
2.41	Se	ervo indicator.	Ensure indication is within PIUS OR MINUS 250 of relevant figure in table 7.						
2.42		ndependent ontrol valve.	Close.						
NB	tl as	he static control	.43 and 2.51 inclusive, valve is to be operated ntain the S mb indication						
2•43	v	qualizing alve. (Mk 3 and et).	Operate to decrease P-S mb indication to 147.38.						
2.44	4 S	ervo indicator.	Ensure indication is within PLUS OR MINUS 300 of relevant figure in table 7.						
2.4	_	qualizing alve.	Operate to decrease P-S mb indication to 79.28.						
2•4	6 S	ervo indicator.	Ensure indication is within PIUS OR MINUS 600 of relevant figure in table 7.						
2.4	.7 E	Equalizing valve.	Operate to decrease P-S mb indication to 33.59.						
2.4	.8 \$	Servo indicator.	Ensure indication is within PIUS OR MINUS 5000 of relevant figure in table 7.						
2.4		Equalizing valve.	Operate to decrease P-S mb indication to 19.07.						
	50 \$	Servo indicator.	Ensure indication is within PLUS OR MINUS 2300 of relevant figure in	0					
2.5			table 7.			1.1			

CHAP	2	NAV INST	SERVICING PROCEDURES		AP10	1B-1000-5A3		AL ANDE
SP NO	109	CONTINUED	LIGHTNING		(1:	Section 1 st Edition)		
SHEET	7	THE REPORT OF STREET		AC N	10	DATE .		
Safety	and Se	rvicing Notes are	to be complied with throughout	44 14	SERV	ICING RECORI		
the wo:	rk deta	ailed on this card.		(1)	(2)	(3)	(4)	(5)
		NAV	INSTRUMENTS	T. W.	M. at.			
2.	Air	Data System ((Contd)	real				JAE.
2.51	Equa valv	alizing ve.	Open fully carefully.		e de la Lacia est	Part (5-4
2.52	Stat	tic control ve.	Close.			saleve g) Pitot contuc		
2.53		ot/Static	Set to 'STATIC VENT'.			.oviev oliona (d		
2.54	Stat	sic control	Operate to reduce static pressure to ambient.					
2.55	(a)	set Type 8A Pump switch. Vacuum valve	Set to 'OFF'.		8 : ly			het.
2.56	valv	cic control ye. (Mk 3 set).	Close.	TO THE PROPERTY OF THE PROPERT	-97 -27			
3.	Flig	ght Control Sys	tem VO un Mariant warme	STATE OF THE PARTY	inell)			1
NB 1	lamp		ach No. and Height switch 8A are extinguished st.					
NB 2			indications are to right re indications to left.					
3.1	PCU.	Master switch.	Set to 'ON'.					-
		Stab switch.	Set to 'STAB'. Set to 'HEIGHT'.	distribution of the same of th	in section			
3.2	Syst	tem.	Allow 3 minutes warm up period.					
3.3	7	3 test set. Main switch.	Set to 'ON'.		E 1 00			
		Pitot) control) valve.) Static) control)	Close.		nETT			
	(2 \	valve.	med of et abothed but					
		Equalizing valve. Supply selector.	Open. Set to 'HANDPUMP'.					
RI	I 520°	10/101		Cor	ntinued	A TORRESCO	507 1	

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CHAP	2	NAV INST	SERVICING PROCEDURES		AP		-1000-5A3 I Section 1	C	1944
SP NO	109	CONTINUED	LIGHTNING				Edition)		10 300
SHEET	8	20.02		AC 1	NO .		. DATE .		
		Servicing Notes are sailed on this card.	to be complied with throughout			RVIC	ING RECORD		ef st
			TNCMTITMINING	(1)	(2)		(3)	(4)	(5)
	T22 .		INSTRUMENTS	A. V	14				
3.		ght Control Sy	stem (Contd)		201	148			1.5
3.3		3 Test set. Pitot/Static)							
	(-)	selector.					A GIVEN		
	(g)	Pitot)	, section		10	120			848
		control) valve.	Operate to give S mb indication of 1013.25.						
	(h)	Static)	111d1Cat1011 01 1013.23.			12.0			
		control)				cha			1 9
	(j)	valve.) Handpump.)							
3.4		st set Type 8A.			8 4	ry Tr			
	(a)	Switch S1.	Set to $f(H)/f(M)$.		Apt	Day 1			
		Switch S3. Switch S12.	Set to 'AP TAILPLANE'. Set to 'f(H)'.						
	, .	Switch S13.	Set to 'POS 1'.		1.0				
3.5	FD/	AP switch.	Set to 'AP'.						
3.6		er M2. (Test 8A).	Ensure indicates OV PLUS OR MINUS).IV.						
3.7		3 test set.							
	(a)	Pitot/Static selector.	Set to 'STATIC INPUT'.		(call	1 1			
	(b)	Pitot	Close.		101	in the			1,4
		control valve		1777	(CONT.	1-11			
	(c)	Static)	Operate to reduce S mb			13			
		control) valve.	indication to 1006.00						
	(d)	Handpump.	TIANET OF FOR		HOT	THE STATE OF			
3.8	Tes	st set Type 8A.	PERMIT		1000				
		Meter M2.	Ensure indicates plus	description	1				
	(b)	Switch S13	1.08V PLUS OR MINUS 0.15V Set to 'POS 2'.		line.				
	(c)	35 . 350	Ensure indicates plus	-	Link	100			
			0.68V PLUS OR MINUS 0.13V Note indication .						
	(d)	Switch S13.	Set to 'POS 3'.			500			
	(e)	Meter M2.	Ensure indicates plus						
			0.60V PLUS OR MINUS 0.12V Indication is to be at			Fil			
			least 0.05V lower than						75
			that noted in Sub-sub- item 3.8 (c).		1571	ra d			
			1930 TATELLAND AT TO			V.			
						-			
				and the same of th					
RM	5201	0//0/A		Co	ntinu	ed.	Williams	8 10	

CHAP	9	NAV INST	SERVICING PROCEDURES		AP	101B-1000-5A3 E Section 1	;	10
SP NO	109	CONTINUED	LICHTNING			(1st Edition)	201	or y
SHEET	9	WHAT ON DA		AC 1	10 .	DATE .		0
			be complied with throughout	77 4	SE	RVICING RECORD	ica i	
tne wor	rk det	ailed on this card.		(1)	(2)	(3)	(4)	(5)
		NAV	INSTRUMENTS OF THE PROPERTY OF	TAN				
3.	Fli	ght Control Syst	em (Contd) (Brass)	lag	l La	Light Condu	1	1
3.9		3 test set.				Tel		
3.7		Static control valve.	Close.		dos	ove dota (m		
	(b)		Set to 'STATIC VENT'.			, do s ive		
	(c)		Operate to increase S mb indication to 1013.25.		10 10	unt unt Ivi u) Swittin i e Swittin (e		
3•10	FD/	AP switch.	<pre>(i) Set to 'OFF'. (ii) Set to 'AP'.</pre>		L SI	c) Switch S d) Switch I		
3.11	Met	er M2.	Ensure indicated OV PLUS OR MINUS 0.1V.			an read fly printfil (a		Tue
3.12		3 test set. Pitot/Static)				vervion do bis (d		
	(b)	selector.) Static) control)	Operate to increase S mb indication to 1020.5			Jandano		
	(c)	valve.)			n i	Alague (a laisteil		
3.13	Tes	t set Type 8A.				TAXABLE STATES	1	
		Meter M2.	Ensure indicates minus 0.60V PLUS OR MINUS 0.12V			and and a second		
	, ,	Switch S13. Meter M2.	Note indication. Set to 'POS 2'. Ensure indicates minus 0.68V PLUS OR MINUS 0.13V Indication is to be at least 0.05V more than that noted in Sub-sub-			drawa ya tak drawa on tak drawa na tak		£)
	(-)		item 3.13 (a).		9-00	property of the last		
	1 /	Switch S13 Meter M2.	Ensure indicates minus 1.08V PLUS OR MINUS 0.15V			tumperaw Office three		
3.14		3 test set. Static control valve,	Close.		Edd 16	ra rendución (un luvo blacki tech		E e
	(b)	Pitot/Static selector.	Set to 'STATIC VENT'.	The state of the s		in Sab-Land		1
	(c)) Static	Operate to reduce static pressure to ambient.			Todenn A		
3-15	FD/	AP switch.	Set to 'OFF'.					-
	RM 52	2010 / 102		Co	ntinu	ed	Ma	

CHAP	2	NAV INST	SERVICING PROCEDURES LIGHTNING			Se	000 - 5A3 ction (1		
	109	CONTINUED	DIGHTNING	_	-		dition)	Mary	311 111
SHEET				AC I	STREET, SQUARE, SQUARE,	NAME OF TAXABLE PARTY.	DATE .	MILE PROPERTY.	•
		Servicing Notes are t tailed on this card.	o be complied with throughout	(1)	(2)		(3)	(4)	(5)
		NA	V INSTRUMENTS		(2)		(3)	147	()/
3.	Fli	ght Control Sys				1200			
3.16	PCU								a.s
	(a)) Stab switch.)) Master) switch.)	Set to 'OFF'.	10	etae Lin				
3.17	(a)	st set Type 8A.) Switch S1.) Switch S3.)	Set to 'OFF'.			Epril			
	1 1	Switch S12. Switch S13.	Set to 'f(H)'. Set to 'OFF'.					aa i	1-4
3.18	(a)	3 test set.) Static) control) valve.) Pitot	Open.			, s		74 (i	
		control) valve.)							
		Supply selector.	Set to 'SAFE POSITION'.			L. CIRLE			
	(d)	Main switch.	Set to 'OFF'.						
4.	Ger	neral		-		10 m			
4.1		strument ster switch.	Set to 'OFF'.						
4.2	Tes	st socket J.	(i) Disconnect PL4. (Test set 8A).	1		illi ere			
			(ii) Refit shorting plug.						
5.		r Data and Fligh G Confidence Che	t Control Systems						
5.1		strument ster switch.	Set to 'ON'.						
5.2		J.) Master switch) Stab switch.			Turn	en en			
5•3		is Sub—item is a or 1E is fitted	pplicable only if MRG Mk	TO THE PERSON NAMED IN COLUMN TO THE	D.A.				
		G master itch.	Set to ON'.			iou.			
			Later of Street			03			The second secon
		2010 /10ZA		Co	ntinu	ed	K-OFKA		

CHAP	2	NAV INST		SERVICING PROCEDURES LIGHTNING	AP101B-1000-5A3 E Section 1 (1st Edition)					
SP NO	109 CONTINUED LIGHTNING		(1st Edition)							
SHEET	Annual Control of the local Co	The second of the second of the second			AC N	MARK THE TRANSPORT	DATE .			
		rvicing Notes are		e complied with throughout	1	_	VICING RECORD	1 ()		
	AND REAL PROPERTY.	NΔ	VIN	STRUMENTS	(1)	(2)	(3)	(4)	(5)	
5.	Λ ~			Control Systems		A.O.				
)•		Confidence C								
5.4	Atti	tude	0	n completion of MRG						
	indi	cator		tarting cycle, ensure					The last	
	disp	lay.		hows aircraft attitude				-0.	13	
				LUS OR MINUS 2 degrees.					100	
5.5	Mode (PCU	switch.	S	et to 'ATTITUDE'.		407				
5.6	Trim	indicator.	E	nsure pointer central.		1001		- 0	100	
5.7	FD/A	P switch.	S	et to 'AP'.						
5.8	VSC.	(PCU).	0	perate up rapidly until		- « J			nin C	
				ndicator pointer moves oproximately 10 degrees.		-20		8		
5.9	Trim	indicator.		nsure pointer moves owards centre.		h ir m d				
5.10	VSC.		R	eturn to centre detent.		1	ntanios			
5.11	FD/S	P switch.	S	et to 'OFF'.						
5.12	Swit	ch S3. (Test 8A).		et to 'A/P TAILPLANE'.						
5.13		switch.	S	et to 'HEIGHT'.		int				
5.14	Mk 3	test set.								
, ,	(a)	Main switch.		et to 'ON'.		Lon		1 4	1 4 1 1	
	(b)	Pitot/Static selector.	: S	et to 'STATIC INPUT'.	CONTRACTOR OF THE PERSON OF TH					
	(c)	Supply	S	et to 'EXTERNAL SUCTION'						
		selector.				log J				
	(d)	Pitot)						,	
		control	}	logo			ACTUM			
		valve. Static	}	lose.			A STATE OF THE		w T	
	(0)	control)		Operation of the last of the l		randunitied.		41	
		valve.)		000	-143	a curit massa appe			
5.15		test set	~	(1) Byditch off,	attender.	L-trap li	Laurescui Laures nosce		-6	
		Pump switch Pressure		et to 'ON'. Mose (12)			6 bane Links			
	(0)	valve.								
	(c)	Vacuum valve.	0	pen			* 1			
5.16		cic control		perate to give S mb						
		re. (Mk 3 ; set).	i	ndication of 1013.25.	COLUMN CO					
DI	J 5201	10/103	1		Con	ntinue	d can a UNOR2	THE		

CHAP	2	NAV INST	SERVICING PROCEDURES	AP101B-1000-5A3E Section 1							
SP NO	109 CONTINUED LIGHTNING				(1st Edition)						
SHEET	amount of			AC NO DATE							
		Servicing Notes are t ailed on this card.	o be complied with throughout	(1)	(2)	RVICING RECORD	(4)	(5)			
THE RESIDENCE OF THE PERSON NAMED IN	THE REAL PROPERTY.	NAV IN	STRUMENTS	(1)	1(2)	(3)	(4)	(5)			
5.	Air	Data and Fligh	t Control Systems			as atal 10		40			
		G Confidence Che	cks (Contd)		101	phrynob ddi					
5.17		lplane trim	Operate to give full nose down trim.			e bøt Etdi Let spilan		×-C			
5.18	FD/	AP switch.	Set to 'AP'.			- ya Lepidi					
5.19		atic control	Operate to reduce S mb indication to 1006.00			dotiwo apoi		-6			
5.20		er M2. (Test ; 8A).	Ensure indicates plus 1.08V PLUS OR MINUS 0.3V.		-40	ao Llasti, etest					
5.21	FD/	AP switch.	Set to 'OFF'.		The second	orina finada					
5.22		3 test set. Static control	Close.								
	(b)	valve. Pitot/Static selector.	Set to 'STATIC VENT'.		100	earnar area					
	(c)	Static control valve.	Open slowly to bring static pressure to ambient.		140	PLYSP ortho	1.11				
5.23	7.0	test set. Pump switch. Vacuum valve.	Set to 'OFF'. Close.			ent SA). Ada dei bon (1991).					
5.24	val	tic control ve. (Mk 3 st set).	Close. TWO at the		e dro Erost d Delatopa Erost	s dder (d) si nigh (s) Siberia (d) sireles	4				
5.25	PCU	ī.	LINDING TVARABLES OF COS			(a) Supply					
	(a) (b)	Stab switch) Master) switch.	Set to 'OFF'.	1		ploplan Poly (b)					
6.	Ger	neral_		and the same		Ing Man					
6.1	Ins	strument ster switch.	Set to 'OFF'.	7		interporti (n) Interporticion Les Late					
6.2	Ext	ernal wer supplies. c. and d.c.).	(i) Switch off. (ii) Disconnect.		lipat.	ne post (%)	2	i.ē.			
					10	manual (c) sorthy two offart all aviar	8	And the second of the second o			
and the second						a(fem femb)					
T.	RM 52	2010/103A		-	ntinu	2					

SHEET 13 CONTINUED CONTINUED CONTINUED CIGHTNING (1st Edition) AC NO DATE Safety and Servicing Notes are to be complied with throughout the work detailed on this card. NAV INSTRUMENTS 6. General (Contd) 6.3 Mk 3 test set.) 6.4 P-V test set.) 6.5 Independent (i) Disconnect. control valve. (ii) Remove. 6.6 Test set Type 8A) 6.7 Socket AD4. (Air) Data computer).	CHAP	2	NAV INST	SERVICING PROCEDURES	AP101B-1000-5A3 E Section 1						
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