HAP	2		SP 10)6 B	SE	RVICING	PROCED	URES		AP	101B-100 (Section		E		DE L	_
RADE		44.7	FLT S	SYST		LIGHT	NING	z ismo	in the second	(1st Edit	on)		In	w	ACT
HEET	1	OF.	21	SHEET	/S	3	5	6	AL	NO	12 DATE	d S J. J. a not proper	Mary	Krigher	TIME	H
ITLE	Air	Dat	a Sys	stem -	Calibra	ation To	est	13	SERV AC N	ICIN O	G RECORD	- RAF	F.2	.988B	28	EST
afety	and	Serv	icing	Notes a	are to be tailed on	complie	d		(1)	(2)	(3)	h to g	(4)	(5)		
pecia Test Contr Test	1 Too Set col V	P-V Valv Pit	nd Equ Mk 1	uipment 1. 6C/ ndepend tatic M	/3154.	aring pur (a) aman and i	American	1747 1748 1748 1749 1749	MAN HOURS	TRADESMEN	BRIEF DETAILS OR SUSPI DEFECT		F. 7208 NO	N.C.O. INITIALS		
NB 1	This syst (Pos (Pos Duri supp plug	s Pr tems st M st M ing ply	rocedus fittod AI Mod AI this is to	ure is ted wit DS 89) DS 88). Proced o be se	applicath Air I and State dure, the to 'Get to 'Get plugging	Data Cor atic Tra he airc: OFF' be	mputen ansduc raft n fore	r cer power								E CARDS
NB 3	If w swit	when tch swi	sett	ting th	he instrumay of set to	of poin	ter o		5				2 12 12 12 12 12 12 12 12 12 12 12 12 12		1	ASSOCIATED PROCEDURE
1.	Pre	para	ation		T SYST						1000		10 m	la la	•	ASS
	set (a) (b) (c)	Mk Ext sup Tes Pit sta con val	ternal oply is st se tot an atic atic atrol	lead. t. nd	supply	t to pr										
1.2	(a)	Sup out Pre vac	cuum	e and		t to ap tors on					741				V	TED TRADES
	(c)		ntrols	s. lead.	Connec supply	t to ex	terna	1								ASSOCIATED
											graph and water free					SP NO

CHAP SP NO	2 106	B CONTINUED	SERVICING PROCEDURES LIGHTNING			101B-1000-5A3 Section (1st Edition)		i i i
SHEET	2	AL 12	THE WEST AND	AC 1	10	DATE .		
			be complied with throughout		STATE OF THE OWNER, WHEN	RVICING RECOR	AND DESCRIPTION OF THE PERSON NAMED IN	
the wo:	rk de	tailed on this card.		(1)	(2)	(3)	(4)	(5)
	95.9	FLI	SYST					
1.	in part	eparation (Contd)	elabration Rest (44 () on	114.00	Le Talle dy		
1.3		dependent			1 (4 d) 10 f 10 f	na de relicio p destido en Elipo	1 1 1	
		ntrol valve.) Inlet.	Tee into pitot line					and the same of
	(\a		between pressure head	Liste	bei dies	13 May 21 60 1	To Fe	4
- 15		Danie E	and Mk 3 test set.	100		DIK V-4	1	
	(b) Outlet.	Ensure open to	et.com	gabi	I walker I	ANTE	R I
			atmosphere.	1 1	L PAGE	Control of	in the	
1.4		st set Type 8A.	0 1 1 ADA 11 -			TAS CALLED SE		
	(a) PL1.	Connect to AD4 on the Air Data computer.		-	happers and		
	(b) PL2.	Connect to FC5 on the	de la	bei	with innerter		
			Flight Control computer.			A hold to be		
	(c) PL3.	Connect to Test Sockets F and L aircraft test					
			panel.	obso	No.	negati manani	1	
1 E	D.	tamal marram	(i) Connect.	d the	Pag.	n ar glejaj		
1.5		ternal power pplies. (A.c.	(ii) Switch on.	ATTICK		desloce ta		
		d d.c.).	(11)					
1.6	Tn	strument)			med	day nedu		SA :
		ster switch.	Set to 'ON'.	PATCHE.	1	TO BUS ALENY AT		
1.7	PC	U master switch.)	, 1710- 0) 10	6,12	and .	re faith thus		
1.8	Не	ight and speed	Ensure show Black.					-
		splay units				100		
		wer failure rning flags.					Maria.	
			Aller 2 minute room un				100	
1.9	Sy	stem.	Allow 3 minute warm up period.		KOD ()	o literately and	All o	y.T
		2 2 Dr. 1 3	NT -			A 100		
2.		rspeed and Mach l libration Test -			1000	Lagrania Lagrania		
0 1	distribution.	V test set	has all the members or James			Section 1	-	
2.1		ntrols.			100			
1) Pressure.)	Close.			The section of		
	(b) Vacuum.)					Ma	
	(c	Pump.	Set to 'OFF'.			- AND A SALE	1	
-	(d	.) Source.	Set to 'PRESSURE'.			des total		
2.2		depenent control	Close.			Winner Control	1	
8		lve.		ba				
2.3		3 test set	Open.	100	bus	Service Control		
		ualizing ntrol.				Lalandop		
	0.0		Landadae of John	00	· be	al magazi	Chy.	
- T				GEREN				
	-							
SMS	180	14-53/517		Co	ntinu	ed		

HAP	2	NAV INST	SERVICING PROCEDURES		AP		-1000-5A3 Section 1	E			
P NO	106	B CONTINUED	LICHTNING					gr] o	1 42		
HEET	3	minute and a second		AC :	NO .	(1st Edition) O DATE					
afety	and	Servicing Notes are t	o be complied with throughout	SERVICING RECORD (1) (2) (3) (4) (5)					or and		
he wor	k de	tailed on this card.		(1)	(2)		(3)	(4)	(5)		
		NAV IN	STRUMENTS	UBA 1	TAR						
2.	Ai-	rspeed and Mach	No.	old of	det	e (128)		1	15		
		libration Test -			i wali	100					
2.4		st set Type 8A.) ADS O/P	Set to 'TEST 2'.			sei mil			1.5		
	(b	control.) Servo indicator.	Check indicates 00000 PLUS OR MINUS 00002.								
2.5	(a	ight display.) Millibar scale) VSI pointer.	Set to '1013.25'. Check indicates zero PLUS OR MINUS 120 ft/mi	n							
2.6		rip speed splay.	Ensure White leader spot is located between the two White reference bars on left hand side.			be		5 G	Pki		
2.7	co	3 test set				i pa					
		change-over. Supply)) Operate to obtain P-S) mb indication of zero			1					
	1	change-over. Pitot. Static.	and S mb indication of 1013.25.	m -	- N						
2.8		est set Type 8A OS O/P control.	Set to 'OFF'.			dod					
2.9	Не	eight display.	Check indication is zer PLUS OR MINUS 90 feet.	o		10		- 1	41-		
2.10		3 test set			4						
		a) Equalizing. b) Supply	Close. Set to 'EX-PRESS'.								
	(change-over. c) Pitot/Static change-over.	Set to 'PITOT INPUT'.	0		Oper			25.		
	,	d) Pitot. e) Static.) Close.	2011	ve				20		
2.11	(-V test set cont a) Pump. b) Pressure.						STALL.			
	N	2010/48		_	Contir	berr.	BOURS VI		W)		

CHAP	2	NAV INST	SERVICING PROCEDURES		AP1	01B-1000-5A3 Section	E	TAKE
SP NO 1	06	B CONTINUED	LIGHTNING		. (1st Edition)		on of
HEET	5	What I was a set of		AC N	THE RESERVE OF THE PERSON NAMED IN	DATE	THE RESERVE AND DESCRIPTION OF THE PERSON.	
Safety a	and S	ervicing Notes are to	be complied with throughout	0.0		RVICING RECOR		(= \
the work	c det	ailed on this card.		(1)	(2)	(3)	(4)	(5)
		NAV IN	STRUMENTS	19.11	VAIQ			
2.	Air	speed and Mach No ibration Test -	O Feet (Contd)		1004	par recom pertangan		- 5
2.21	Str	rip speed splay.	(i) Check airspeed indication is 400 PIUS OR MINUS 4 kt. (ii) Check Mach No. indication is 0.625 PIUS OR MINUS 0.02M.			Longs of		
2.22		3 test set tot control.	Operate to increase P-S mb indication to 488.83.			as that E bythoo tu	34 14 14	02.5
2.23	He	ight display.	Check indication is zero PLUS OR MINUS 90 feet.	A Bu		il amorte Earling's	1,02	ELK
2.24		rip speed splay.	(i) Check airspeed indication is 510 PIUS OR MINUS 4 kt. (ii) Check Mach No. indication is 0.80 PIUS OR MINUS 0.02M.			behin to	200	18-5
2.25		3 test set	Operate to increase P-S mb indication to 632.85			Control Con		
2.26		crip speed splay.	(i) Check airspeed indication is 570 PIUS OR MINU 5 kt. (ii) Check Mach No. indication is 0.90 PIUS OR MINUS 0.02M.	S		des deside	nust Su Ulida	
2.27		k 3 test set itot control.	Operate to increase P-S mb indication to 746.70).	9 73	mich roned	(6)	
2.28	0	est set Type 8A .98 Mach switch amp.	Check lights at 746.70 plus 17.81 minus 57.23 mb.			nipon gorre vi vinte noi villa Francis Transcappia	Etrop.	50
						lu best Liminos f	bray.	
	ΒŢ	I 52010/49		-	Conti	nued	1198	19

CHAP SP NO	106	NAV INST B CONTINUED	SERVICING PROCEDURES LIGHTNING			S	1000-5A3 ection 1		Table.
SHEET	6	D CONTINUED		40.7			Edition)		WW
	han d	Compining Notes and to	he complied with throughout	AC 1	THE RESERVE OF THE PERSON NAMED IN	CONTRACTOR OF THE PARTY OF THE	. DATE .	AND DESCRIPTION OF THE PERSON NAMED AS	•
		tailed on this card.	be complied with throughout	(1)	(2)	101	(3)	(4)	(5)
Commonwell work	Maria Interven	NAV TN	ISTRUMENTS	(1)	(-/		(3)	1	137
2.	٨٠								
۷.		rspeed and Mach I libration Test -		P STORE					
2.29		rip speed splay.	(i) Check airspeed indication is 611 PLUS OR MINUS 5 kt.			h-p.			8,5
			(ii) Check Mach No. indication is 0.98 PLUS OR MINUS 0.02M.						
2.30		3 test set tot control.	Operate to increase P-S mb indication to 810.37.			enkel Contention	fund i des int	IA .	8.9
NB		b-items 2.31 and t simultaneously.	2.32 are to be carried		- 92	if na	ib, regi		2.0
2.31		3 test set tot control.	Operate to increase P-S mb indication to 904.68.			Line of		103	8.5
2.32		rip speed splay.	Check Mach No. indication decreases and then increases between airspeed indications of 632 and 661 kt.						
2.33		3 test set tot control.	Operate to increase P-S mb indication to 1046.18						14.03
2.34	1.	st set Type 8A. 06 Mach switch .mp.	Check lights at 1046.18 plus 76.30 minus 73.91 mb.			lie.			G./
2.35	co	t 3 test set entrols. a) Pitot.	(i) Operate to increase P-S mb indication to						
	(1	o) Pitot/Static change-over.	1131.60. (ii) Close. Set to 'PITOT VENT'.		100	tar Lorra Lorra Lorra		31 10 10	19.45
2.36	(a	-V test set ontrols. a) Pump. b) Pressure.	Set to 'OFF'. Close.						
2.37		3 test set tot control.	Operate to decrease P-S mb indication to 1046.18.						
	RM 5	52010/49A		Co	ntinu	ed			

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CHAP	2 NAV INST	SERVICING PROCEDURES		AP1	01B-1000-5A3	1000	
SP NO	106 B CONTINUED	LIGHTNING		(Section (1st Edition)		
SHEET	8		AC N	0	· · · DATE		
Safety	and Servicing Notes are	to be complied with throughout	40.4	Na Carlo Monday Carlo	VICING RECOR	THE RESERVE OF THE PARTY NAMED IN	
the wor	rk detailed on this card.		(1)	(2)	(3)	(4)	(5
	NAV INS	TRUMENTS	EW I	VAN			
2.	Airspeed and Mach	No.	oll e	5.07		- 4	
	Calibration Test -			300			
2.48	Test set Type 8A	Check extinguishes at		48 .		i er	BE.
	400 kt switch	284.36 PLUS OR MINUS					
2.49	lamp. Strip speed	19 mb. (i) Check airspeed					
∠• 42	display.	indication is					10
		400 PLUS OR					
		MINUS 4 kt. (ii) Check Mach No.					314
		indication is					
		0.625 PLUS OR					
		MINUS 0.02M.					
2.50	Mk 3 test set pitot control.	Operate to decrease P-S mb indication to 128.18.					
0 54							
2.51	Test set Type 8A 275 kt switch	Check extinguishes at 128.18 PLUS OR MINUS					
	lamp.	10 mb.					
2.52	Strip speed	(i) Check airspeed					6
	display.	indication is					
		275 PLUS OR MINUS 3 kt.					
		(ii) Check Mach No.				till i	1
		indication is				13	
		0.425 PLUS OR MINUS 0.02M.					
2.53	Mk 3 test set	Operate to decrease P-S					
	pitot control.	mb indication to 50.59.					
2.54	Strip speed	Check airspeed					
	display.	indication is 175 PLUS OR MINUS 3 kt.				1-104	up 2
0 55	10	The state of the s		1		Han.	
2.55	Mk 3 test set pitot control.	Operate to decrease P-S mb indication to 10.43.		WY.		is H	44
2.56		Check airspeed pointer					
2.00	display.	disappears at 80					1
		PLUS OR MINUS 5 kt.					
2.57		Operate to decrease P-S					
	pitot control.	mb indication to zero.					
2.58	Height display.	Check indication is zero PLUS OR MINUS 90 feet.					
2.59	Strip speed	Ensure White leader spot					
	display.	is located between the				307	1
		two White reference bars.				1	
DJVL C	2010 / 50A	DGI D •	Com	tinued		Ca N	

HAP	2	NAV INST	SERVICING PROCEDURES		AP		-1000-5A3 Section 1	E	
P NO	106	B CONTINUED	LICHTNING				Edition)	1017 -0	
HEET	9	and the second		AC N	10		. DATE .		
afety	and S	Servicing Notes are to	be complied with throughout	D# 19-	SE	RVIC	ING RECORD	raile into	
he wo:	rk de	tailed on this card.		(1)	(2)		(3)	(4)	(5)
		NAV I	NSTRUMENTS	76.1	TAN-				
•	Air	speed and Mach N	0.	17.0	LANE.	VILE.		L.	- 18
		ibration Test -			and a				
3.1	P-V	test set	Open.			ho		19 - 1	1 46
	vac	cuum control.	I and measured butance the Tennet measurement of the						
3.2	Mk	3 test set							3.7
		trols.	Close.	L					
		Pitot. Pitot/Static	Set to 'STATIC INPUT'.		1			1	ch wil
		change-over.						10	
	(c)	Supply change-	Set to 'EX-SUCT'.		L. T.	tar		dir :	10
	(d)	over.) Equalizing.	Open. THE MOSIUS COOK						
3.3	,	I test set	Set to 'ON'.					1	
0.0		np control.	heagarts water (1)			KIL		1	
3.4	Mk	3 test set	Operate to decrease S mb indication to 696.814.						
		atic control.	Check indication is			1			
3.5	Hei	ight display.	10000 PLUS OR MINUS			-			
			90 ft.						
3.6		rip speed	Ensure White leader spot					r	Ì,
	di	splay.	is located between the two White reference bars		4 -	10 E		ne pe	
2 7	7\ <i>I</i> D _	2 togt got	Operate to decrease S mb	1		1 20		.48	11.
3.7		3 test set atic control	indication to 465.630.						
3.8	Не	ight display.	Check indication is			1			
			20000 PLUS OR MINUS						
			120 ft.					-	
3.9		3 test set atic control.	Operate to decrease S mb indication to 300.893.			-			
2 40			Had ensetted of strong	100	one france	0		act i	to the
3.10	(a	st set Type 8A.	Check lights between					l'aller	
		switch lamp.	307.807 and 294.107 mb. Set to 'AP HEIGHT'.					1	
	(1	o) ADS O/P control.	Set to 'AP REIGHT .						
	(c	c) Servo	Check indicates 20571			1			
	, ,	indicator.	PLUS OR MINUS 00178.			+			
3.11	l He	eight display.	Check indication is 30000 PLUS OR MINUS 180 ft.			g.			
									1
		2010/5/		-	Conti		A 1 E M PAIR		

HAP	2	NAV INST	SERVICING PROCEDURES		AP1	01B-1000-5A3E Section 1		87.
P NO	106	B CONTINUED	LICHTNING			1st Edition)		
HEET	11			AC 1		DATE .		•
afety	ano	d Servicing Notes are t	o be complied with throughout	(1)	(2)	VICING RECORD	(4)	(5)
he wo	ork (detailed on this card.	INSTRUMENTS PROPERTY OF THE PR	(1)	(2)	(3)	117	1
3•	4	Airspeed and Mach					ēs.	
3.21	1	Independent control valve.	Operate to increase P-S mb indication to 236.00.					
3.22		Strip speed display.	(i) Check airspeed indication is 367 PLUS OR MINU 4 kt. (ii) Check Mach No. indication is 1.00 PLUS OR MINUS 0.02M.		m I I- s op trau	hining Su baign in raing Mc ladupanda valva,	UE	
3.2	3	Independent control valve.	Operate to increase P-S mb indication to 341.86.					
3.2	24	Strip speed display.	(i) Check airspeed indication is 435 PLUS OR MINUS 4 kt. (ii) Check Mach No. indication is 1.10 PLUS OR MINUS 0.025M.		100	Pacifical Establisher Live order Live order Live order Live order Live order		
3.4	25	Independent control valve.	Operate to increase P-mb indication to 419.9	s 5•				
3.	26	Strip speed display.	(i) Check airspeed indication is 477 PIUS OR MINUS 4 kt. (ii) Check Mach No. indication is 1.20 PIUS OR MINUS 0.025M.		12	m rest in misteriore Seen give Seen give Seen give	6 1	X - E
3.	27	Independent control valve.	Operate to increase Pomb indication to 511.	-S 08.				
3.	.28	Height display.	Check indication is 30000 PLUS OR MINUS 180 ft.			i ingo de contrador con apa di contrador contrad contrador contrador contrador contrador contrador contrad	1,70	36.4
1	TAT C	52010 /52	A WASSO O BEST W		Cont	inued		NA.

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IAP	2	NAV INST	SERVICING PROCEDURES			01B-1000-5A3 Section 1	Ł	A A A
OM S	106	B CONTINUED	LIGHTNING			1st Edition)		
HEET	13	MAG		AC I		DATE .	and the local particular	to tal
afety he wor	and rk d	Servicing Notes are to be etailed on this card.	e complied with throughout	(1)	(2)	(3)	(4)	(5)
		NAV INSTR	UMENTS STREET	TW				
3.	A:	irspeed and Mach No			DeM.	bris basicier		
		alibration Test - 3				Jesen ola		
3.37	M e	k 3 test set qualizing control.	Operate to decrease P-S mb indication to 237.00.			-Val.qu	16-	
3.38		trip speed isplay.	(i) Check airspeed indication is 367 PLUS OR MINUS 4 kt.	M I		has latered at		
			(ii) Check Mach No. indication is 1.00 PLUS OR MINUS 0.02M.			richo balls		Sa.
3•39		k 3 test set equalizing valve.	Operate to decrease P-S mb indication to 188.05			ing theat II.	nul.	£ -
3.40		trip speed lisplay.	(i) Check airspeed indication is 330 PLUS OR MINUS 3 kt.	5	10 to 1	o, d. mmax i - i la gonean l'Est l'an desait f	rosi n fai	d B
			(ii) Check Mach No indication is 0.90 PLUS OR MINUS 0.02M.		gii nta	astropodition of the state of t	nell' O'Cle	2,
3.4	1]	Mk 3 test set equalizing valve.	Operate to decrease P-S mb indication to 148.43			S teat with	u No	0.
3.42		Strip speed display•	(i) Check airspeed indication is 295 PLUS OR MINUS kt.		-1	ricoth adv	, Arreldi	
			(ii) Check Mach No indication is 0.80 PLUS OR MINUS 0.02M.	E.		Assurance and As		2
3.4	.3	Mk 3 test set equalizing valve.	Operate to decrease P-9 mb indication to 110.4	3.	tulih	and Point of garden and a	Mary Chargos	1
3.4	4	Strip speed display.	(i) Check airspeed indication is 256 PLUS OR		orda O	e a compession of a	okolj. VLov	
			MINUS 3kt. (ii) Check Mach No indication is 0.70 PLUS OR MINUS 0.02M.			lay.		
3.4	45	Mk 3 test set equalizing valve.	Operate to decrease P-mb indication to zero.	S				
	F33	52010/53		-	Conti	nued	rosi.	301

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2	NAV INST	SERVICING PROCEDURES		AP	101B-1000-51 Section		
-	B CONTINUED	LIGHTNING		-	`		OR I
-	MS40 (39.75)		AC N		THE RESERVE AND PERSONS ASSESSMENT OF THE PERSONS ASSESSMENT ASSESSMENT ASSESSMENT ASSESSMENT ASSESSMENT ASSESSMENT ASSESSMENT ASSESSMENT ASSESSMENT	THE RESIDENCE OF THE PERSON NAMED IN	•
		be complied with throughout	(1)				(5)
	NAV -	NSTRIMENTS	(1)	(2)	(3)	(4)	()/
	rspeed and Mach No	<u>o</u> .	Ø 6	paul mani			
St	rip speed	Ensure White leader spot is located between the		t the	on Paul I		
		Operate to decrease S mb indication to 187.538					
Не	ight display.	Check indication is 40000 PLUS OR MINUS 300 ft.			ner Javas		
		Operate to decrease S mb indication to 152.00		P-II	v arietl		
		.5 are to be carried out					
		Operate to decrease S mb indication to 143.00.					
45	000 ft switch	Ensure lights.			4:		
		Operate to decrease S mb indication to 115.972		le di	of head of LC	Parti	
Не	ight display.	Check indication is 50000 PLUS OR MINUS 650 ft.			109.1	90.1	
		Ensure White leader spot is located between the two White reference bars.					
		Close.		era:	lbe Jood Wantell		
		Operate to increase P-S mb indication to 236.00.			production of	nest.	
		(i) Check airspeed indication is 367 PLUS OR MINUS 4 kt. (ii) Check Mach No. indication is 1.40 PLUS OR MINUS 0.025M.				E di	
	Ai Ca St di Ca St di Ca St di Ca Mk st He Mk st Su st He St di Mk st He St di Ca Mk	Airspeed and Mach No Calibration Test — Strip speed and Mach No Calibration Test — Strip speed and Mach No Calibration Test — Mk 3 test set static control. Height display. Mk 3 test set static control. Sub—items 4.4 and 4 simultaneously. Mk 3 test set static control. Test set Type 8A 45000 ft switch lamp. Mk 3 test set static control. Height display. Strip speed display. Mk 3 test set static control. Height display. Strip speed display.	and Servicing Notes are to be complied with throughout rk detailed on this card. NAV INSTRUMENTS Airspeed and Mach No. Calibration Test - 30000 Feet (Contd) Strip speed is located between the two White reference bars. Airspeed and Mach No. Calibration Test - 50000 Feet Mk 3 test set static control. Test set Type 8A 45000 ft switch lamp. Mk 3 test set static control. Test set Type 8A 45000 ft switch lamp. Mk 3 test set static control. Mk 3 test set static control. Height display. Check indication to 143.00. Ensure lights. Operate to decrease S mb indication to 115.972 Check indication to 115.972 Check indication is 50000 FUJS OR MINUS 650 ft. Ensure White leader spot is located between the two White reference bars. Mk 3 test set equalizing control. Independent control Operate to increase P-S mb indication to 236.00. (i) Check airspeed indication is 367 PIJJS OR MINUS 4 kt. (ii) Check Mach No. indication is 1.40 PIJJS OR	and Servicing Notes are to be complied with throughout rk detailed on this eard. NAV INSTRUMENTS Airspeed and Mach No. Calibration Test - 30000 Feet (Contd) Strip speed Ensure White leader spot is located between the two White reference bars. Airspeed and Mach No. Calibration Test - 50000 Feet Mk 3 test set static control. mb indication to 187.538 Height display. Check indication is 40000 PIJS OR MINUS 300 ft. Mk 3 test set static control. mb indication to 152.00 Sub-items 4.4 and 4.5 are to be carried out simultaneously. mb indication to 143.00. Test set Type 8A 45000 ft switch lamp. Mk 3 test set static control. mb indication to 115.972. Check indication is 50000 PIJS OR MINUS 650 ft. Strip speed display. Check indication is 50000 PIJS OR MINUS 650 ft. Strip speed display. Check indication is 10cated between the two White reference bars. Mk 3 test set equalizing control. Independent control Operate to increase P-S mb indication to 236.00. Strip speed display. (i) Check airspeed indication is 367 PIJS OR MINUS 4 kt. (ii) Check Mach No. indication is 1.40 PIJS OR	and Servicing Notes are to be complied with throughout rk detailed on this card. NAV INSTRUMENTS Airspeed and Mach No. Calibration Test - 30000 Feet (Contd) Strip speed display. Ensure White leader spot is located between the two White reference bars. Airspeed and Mach No. Calibration Test - 50000 Feet Mk 3 test set set static control. Mk 3 test set operate to decrease S mb indication is 40000 PUJS OR MINUS 300 ft. Mk 3 test set static control. Mk 3 test set operate to decrease S mb indication to 152.00 Sub-items 4.4 and 4.5 are to be carried out simultaneously. Mk 3 test set operate to decrease S mb indication to 143.00. Test set Type 8A 45000 ft switch lamp. Mk 3 test set static control. Ensure lights. Operate to decrease S mb indication to 143.00. Ensure lights. Check indication is 50000 PUJS OR MINUS 650 ft. Strip speed display. Check indication is 15.972. Check indication is 15.000 PUJS OR MINUS 650 ft. Ensure White leader spot is located between the two White reference bars. Close. equalizing control. Independent control operate to increase P-S mb indication to 236.00. Strip speed display. (i) Check airspeed indication is 367 PUJS OR MINUS 4 kt. (ii) Check Mach No. indication is 1.40 PUJS OR	106 B CONTINUED AC NO	106 B CONTINUED

HAP	2	NAV INST	SERVICING PROCEDURES		AP.	101B-1000-5A3 Section 1	E	
P NO	106	B CONTINUED	LIGHTNING		1119	211.4	1,17,11	
HEET	15	CTAT ON OA.	1.0		-	DATE .	DE CONTRACTOR DE LA CON	
afety	and	Servicing Notes are to	be complied with throughout	not un		RVICING RECORD	_	(5)
he wo	rk de	etailed on this card.		(1)	(2)	(3)	(4)	(5)
		NAV INST	CHARLELLE			3		
1.	<u>Ai</u>	rspeed and Mach Palibration Test -	No. 50000 Feet (Contd)	7		no literation		a.A
4.12	Ir	ndependent ontrol valve.	Operate to increase P-S mb indication to 279.95.		4 12	incomence introl val		
4.13		trip speed isplay.	(i) Check airspeed indication is 397 PLUS OR MINUS 4 kt. (ii) Check Mach No. indication is 1.50 PLUS OR MINUS 0.025M.			toogo giga	1	Se mile
4.14		ndependent ontrol valve.	Operate to increase P-S mb indication to 324.76.			imienogeli Time i oran	Mc .	i i i
4.15		trip speed	(i) Check airspeed indication is 425 PLUS OR MINUS 4 kt. (ii) Check Mach No. indication is 1.60 PLUS OR MINUS 0.025M.		w.V(2)	delb Mg/	21	1 - d
4.16		Independent control valve.	Operate to increase P-S mb indication to 372.23					
4.1		Strip speed display.	(i) Check airspeed indication is 452 PLUS OR MINUS 4 kt. (ii) Check Mach No. indication is 1.70 PLUS OR MINUS 0.025M.	4.2		filosofpii yesi ka uz edh	LOC LOC BOOK BOOK BOOK BOOK BOOK BOOK BOOK BO	200
4.1	8	Independent control valve.	Operate to increase P-S mb indication to 425.91			tendo ol	7.008	
4.1	19	Strip speed display.	(i) Check airspeed indication is 480 PIUS OR MINUS 4 kt. (ii) Check Mach No. indication is 1.80 PIUS OR MINUS 0.025M.			rain raer (5
						antestic Lord	in the	
		RM 52010/54		-	Conti	nued	ME BEN	

SWS
17A

CHAP	2	NAV INST	SERVICING PROCEDURES		AP10	1B-1000-5A3	E			
SP NO	106	B CONTINUED	LICHTNING		(.	Section 1 (1st Edition)				
SHEET	16	1740 Of 0.		AC NO DATE						
Safety	and	Servicing Notes are t	o be complied with throughout	SERVICING RECORD						
the wo	rk de	tailed on this card.		(1)	(2)	(3)	(4)	(5)		
		NAV	INSTRUMENTS	PER	VAL					
4.	Ai	rspeed and Mach	No.							
	etamous		50000 Feet (Contd)			to correct 2 cm				
4.20		dependent ntrol valve.	Operate to increase P-S mb indication to 480.09.		.01	ngebrogeta Lev Lordoo				
4.21		rip speed splay.	(i) Check airspeed indication is 506 PLUS OR MINUS 4 kt. (ii) Check Mach No. indication is 1.90 PLUS OR MINUS 0.025M.							
4.22		dependent ntrol valve.	Operate to increase P-S mb indication to 538.71.					1.2		
4.23	Не	ight display.	Check indication is 50000 PLUS OR MINUS 650 ft.							
4.24		rip speed splay.	(i) Check airspeed indication is 532 PLUS OR MINUS 5 kt. (ii) Check Mach No. indication is 2.00 PLUS OR MINUS 0.025M.		и 😅					
4.25		dependent ntrol valve.	Close. To Find Hall	Months and the second co.						
NB	he	ight is to be ma	4.26 to 4.39 inclusive, aintained at 50000 ft et static control.	W. Contraction of the Contractio						
4.26	eq	3 test set ualizing ntrol.	Operate to decrease P-S mb indication to 480.09.							
4.27		rip speed splay.	(i) Check airspeed indication is 506 PLUS OR MINUS 4 kt. (ii) Check Mach No. indication is 1.90 PLUS OR MINUS 0.025M.							
4.28	eq	3 test set ualizing ntrol.	Operate to decrease P-S mb indication to 425.09.							
		2010 /54-A		Co	ntinue	Te language	wight -			

SERECT 17 Safety and Servicing Notes are to be complied with throughout the work detailed on this card. NAV INSTRUMENTS 4. Airspeed and Mach No. Calibration Test - 50000 Feet (Contd) 4.29 Strip speed (i) Check airspeed indication is 480 PUIS OR MINUS 4 kt. (ii) Check Mach No. indication to 372.23. control. 4.30 Mk 3 test set equalizing control. 4.31 Strip speed (i) Check airspeed indication is 452 PUIS OR MINUS 4 kt. (ii) Check Mach No. indication is 452 PUIS OR MINUS 0.025M. 4.32 Mk 3 test set equalizing control. 4.33 Strip speed (i) Check airspeed indication to 324.76 control. 4.34 Mk 3 test set equalizing control. 4.35 Strip speed (i) Check airspeed indication is 425 PUIS OR MINUS 0.025M. 4.36 Mk 3 test set equalizing control. 4.37 Mk 3 test set equalizing control. 4.38 Mk 3 test set equalizing control. 4.39 Mk 3 test set equalizing control. 4.30 Mk 3 test set equalizing control. 4.31 Mk 3 test set equalizing control. 4.32 Mk 3 test set equalizing control. 4.33 Strip speed display. 4.34 Mk 3 test set equalizing control. 4.35 Strip speed display. 4.36 Mk 3 test set equalizing control. 4.37 Mk 3 test set equalizing control. 4.38 Mk 3 test set equalizing control. 4.39 Mk 3 test set equalizing control. 4.30 Mk 3 test set equalizing control. 4.31 Mk 3 test set equalizing control. 4.32 Mk 3 test set equalizing control. 4.35 Strip speed display. 4.46 Mk 3 test set equalizing control. 4.57 PUIS OR MINUS 4 kt. 4.61 Check Mach No. indication is 397 PUIS OR MINUS 4 kt. 4.62 Mk 3 test set equalizing control. 4.63 Mk 3 test set equalizing control. 4.64 Mk 3 test set equalizing control. 4.65 Mk 3 test set equalizing control. 4.66 Mk 3 test set equalizing control. 4.77 Mk 3 test set equalizing control. 4.88 Mk 3 test set equalizing control. 4.99 Mk 3 test set equalizing control. 4.00 Mk 3 test set equalizing control. 4.10 Mk 3 test set equalizing control. 4.11 Mk 3 test set equalizing control. 4.12 Mk 3 test set equalizing control.	SERVICING PROCEDURES AP101B-1000-5A3 E Section 1	Section 1						
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indication is 425 PIWS OR MINUS 4 kt. (ii) Check Mach No. indication is 1.60 PIWS OR MINUS 0.025M. 4.34 Mk 3 test set equalizing control. 4.35 Strip speed display. (i) Check airspeed indication is 397 PIWS OR MINUS 4 kt. (ii) Check Mach No. indication is	mb indication to 324.76							
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indication is 397 PLUS OR MINUS 4 kt. (ii) Check Mach No. indication is	mb indication to 297.75.							
MINUS 0.025M.	indication is 397 PIUS OR MINUS 4 kt. (ii) Check Mach No. indication is 1.50 PIUS OR							

HAP	2	NAV INST	SERVICING PROCEDURES		AP101B-1000-5A3E Section 1 (1st Edition)					
P NO	106	B CONTINUED	LIGHTNING		(1st Edition)					
SHEET	19	and the second second		AC NO DATE						
Safety	and	Servicing Notes are tetailed on this card.	o be complied with throughout	(1)	SERVICING RECORD (2) (3) (4)					
the wo.	I'K at	COLUMN TO THE REAL PROPERTY OF THE PARTY OF	ATOMINING CONTRACTOR MANAGEMENT	(1)	(2)	(3)	1	(5)		
			NSTRUMENTS CONTROL OF THE PROPERTY OF THE PROP			and the state of the state of				
5.	Al	titude Checks	(Contd)							
5.6	Не	ight display.	Check indication is 50000 PIUS OR MINUS 650 ft.			Light Libert Styl				
5.7		3 test set atic control.	Operate to increase S mb indication to 143.00		-1	ima from E. Parmoo metu	pf arci	12.		
NB		b-items 5.8 and multaneously.	5.9 are to be carried out		- 4	Ligaria day	that.	h.		
5.8		3 test set satic control.	Operate to increase S mb indication to 152.00.							
5•9		est set Type 8A 5000 ft lamp.	Ensure extinguishes.			mar tend in Interes of it.	a La			
5.10	M	3 test set tatic ontrol.	Operate to increase S mb indication to 187.538.			rater.	PFE T	25.		
5.11	He	eight display.	Check indication is 40000 PLUS OR MINUS 300 ft.			idan di idan.				
NB	t: e	he test set Time	5.12 to 5.15 Operation (i), 8A 30000 ft lamp is to n S mb indications of 07.			g Lyn III. 2019 Our dawn I		1		
5•12		k 3 test set tatic control.	(i) Operate to increase S mb indication to 294.107. (ii) Operate to increase S mb indication to 300.893.			Parte.				
5.1.	3 7	Test set Type 8A servo indicator.	Check indicates 20571 PIUS OR MINUS 00178.	(B)		ge Lewis 210	a kd H	2		
5.1	4 I	Height display.	Check indication is 30000 PLUS OR MINUS 180 ft.			ma trat	E SM.			
5.1	5	Mk 3 test set static control.	(i) Operate to increase S mb indication to 307.807. (ii) Operate to increase S mb indication to 465.630.	ofi enl eq		Pranja-dra				
-		52010 /56		Г	ant.	inued				

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V.	
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etailed on this card	AV INSTRUMENTS (Contd) Check indication is 20000 PIUS OR MINUS 120 ft. Operate to increase S mb indication to 696.814. Check indication is 10000 PIUS OR MINUS 90 ft. Operate to increas S mb indication is 10000 PIUS OR MINUS 90 ft. Operate to increas S mb indication to 1013.25 Check indicates 00000	(1)	10 . SE	(1st Edit	ATE	4)	(5)
NA titude Checks eight display. 3 test set eatic control. eight display. 3 test set eatic control. est set set eatic control.	Contd) Check indication is 20000 PIUS OR MINUS 120 ft. Operate to increase S mb indication to 696.814. Check indication is 10000 PIUS OR MINUS 90 ft. Operate to increas S mb indication is 10000 PIUS OR MINUS 90 ft.	(1)	SE (2)	RVICING F	RECORD (nd n
NA titude Checks eight display. 3 test set eatic control. eight display. 3 test set eatic control. est set set eatic control.	Contd) Check indication is 20000 PIUS OR MINUS 120 ft. Operate to increase S mb indication to 696.814. Check indication is 10000 PIUS OR MINUS 90 ft. Operate to increas S mb indication is 10000 PIUS OR MINUS 90 ft.	50) 2)	(2)	control of the second of the s		4)	(5)
titude Checks eight display. 3 test set eatic control. eight display. 3 test set eatic control. est set Type 8A	Contd) Check indication is 20000 PIUS OR MINUS 120 ft. Operate to increase S mb indication to 696.814. Check indication is 10000 PIUS OR MINUS 90 ft. Operate to increas S mb indication is 10000 PIUS OR MINUS 90 ft.	50) 2)	74X	gend is Alabida Sen Wa- andresa	arte i di	4)	(5)
eight display. E 3 test set satic control. E 3 test set set sight display. E 3 test set set satic control. E 3 test set set satic control.	Check indication is 20000 PIUS OR MINUS 120 ft. Operate to increase S mb indication to 696.814. Check indication is 10000 PIUS OR MINUS 90 ft. Operate to increas S mb indication to 1013.25	(a)	VAV	endo e danin en fin en fino la en fino fe	Epitul LA Eripi 2 es E G esis La esis La esis La		
eight display. 3 test set satic control. eight display. 3 test set satic control. est set Type 8A	Check indication is 20000 PIUS OR MINUS 120 ft. Operate to increase S mb indication to 696.814. Check indication is 10000 PIUS OR MINUS 90 ft. Operate to increas S mb indication to 1013.25	ar.	#1 #1 #1	LIGHT OF THE PERSON LICE AND THE PERSON LICE A	est E en cui		
a 3 test set atic control. sight display. 3 test set atic control.	20000 PIUS OR MINUS 120 ft. Operate to increase S mb indication to 696.814. Check indication is 10000 PIUS OR MINUS 90 ft. Operate to increas S mb indication to 1013.25		#1 Hate #7	ilesis en The session lid and lan ses	trigit 2		
eight display. 3 test set eatic control. est set Type 8A	mb indication to 696.814. Check indication is 10000 PIUS OR MINUS 90 ft. Operate to increas S mb indication to 1013.25	ă.	era Levas er V	lea Na on Breso N.C. sta Imposan the Jac	es (of vire is orl-or orlesis		
3 test set atic control.	10000 PLUS OR MINUS 90 ft. Operate to increas S mb indication to 1013.25		-7	indon tud se		1	
atic control. est set Type 8A	mb indication to 1013.25		1	Street, Editors			
	Check indicates 00000		AB	ornell in	50 / 18 / 1 9 / 1 / 1 / 1		
	PLUS OR MINUS 00082.			romi del			
eight display.	Check indication is zero PLUS OR MINUS 90 ft.			e land	ing a		
I Calibration [<u>l'ests</u>		1				
eight display.	Check VSI pointer indicates zero PIUS OR MINUS 120 ft/min.	1 -8 28 U m		ri-duß Toe Br ed dyrig			
a 3 test set entrols. a) Static. b) Pitot/Static change-over. c) Static.	Close. Set to 'STATIC INPUT'. Operate to maintain height display VSI pointer at plus 3000 ft/min.	.70	70	Arte Sing Asper	Mar. 1 Sept. 1		
eight display.	Check height changes by 3000 fit in 60 PLUS OR MINUS 6 seconds.		AB Spires	eggil di Paolibia Li essite	en stared Lauren		
a) test set ontrols. a) Static. b) Pitot/Static change-over. c) Static.	Close. Set to 'STATIC VENT'. Operate to maintain height display VSI pointer at minus 3000 ft/min.			nea in Prifico	elia a		
200	3 test set ntrols.) Static.) Pitot/Static change-over.	Check height changes by 3000 fit in 60 PIUS OR MINUS 6 seconds. 3 test set ntrols.) Static.) Pitot/Static change-over. 2) Static. Operate to maintain height display VSI pointer at minus 3000	Check height changes by 3000 fit in 60 PIUS OR MINUS 6 seconds. 3 test set ntrols.) Static.) Pitot/Static change-over.) Static. Operate to maintain height display VSI pointer at minus 3000 ft/min.	Check height changes by 3000 fit in 60 PIUS OR MINUS 6 seconds. 3 test set ntrols.) Static.) Pitot/Static change—over.) Static. Operate to maintain height display VSI pointer at minus 3000 ft/min.	Check height changes by 3000 fit in 60 PIUS OR MINUS 6 seconds. 3 test set ntrols.) Static.) Pitot/Static change—over. change—over.) Static. Operate to maintain height display VSI pointer at minus 3000 ft/min.	ight display. Check height changes by 3000 fit in 60 PIUS OR MINUS 6 seconds. 3 test set ntrols.) Static. Close.) Pitot/Static Set to 'STATIC VENT'. change-over.) Static. Operate to maintain height display VSI pointer at minus 3000	Check height changes by 3000 fit in 60 PIUS OR MINUS 6 seconds. 3 test set ntrols.) Static. Close.) Pitot/Static Set to 'STATIC VENT'. change—over.) Static. Operate to maintain height display VSI pointer at minus 3000 ft/min.

HAP	2	NAV INST	SERVICING PROCEDURES LIGHTNING				3	-1000-5A3 Section 1	E		
P NO	106	B CONTINUED		DIGHTNING	(1st Edition)						
HEET	21				AC NO DATE						
		Servicing Notes are to tailed on this card.	d with throughout	(1)	(2)	TVIO	(3)	(4)	(5)		
		NAV I	NSTRUMEN	TS	1			11.			
5.	VS	I Calibration Tes	ts (Con	td)							
5.5	A CONTRACTOR OF THE PARTY OF TH	ight display.	Check h	eight changes by in 60 PLUS OR seconds.							
6.6		3 test set atic control.		to reduce P-S cation to zero.						,	
6.7	co	V test set ontrols. a) Pump.	Set to	*OFF*.					4	1	
		o) Pressure.) c) Vacuum.)	Close.				-				
6.8	(e	t 3 test set ontrols. a) Static. b) Pitot.	Close.			T _D		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
7.	Ge	eneral						er (f)			
7.1	รเ	xternal power applies. (A.c. ad d.c.).	(ii)	Switch off. Disconnect. Remove.							
7.2 7.3	sı	nstrument master) witch. CU master switch.	Set to	OFF'.							
7.4	M	k 3 test set.	(i) (ii)	Disconnect external supply. Disconnect from pressure head.							
7•5	Р	-V test set.	(i)	Disconnect external supply.							
			(ii)	Disconnect from Mk 3 test set.							
7.6		ndependent ontrol valve.	(i) (ii)	Disconnect. Remove.							
7.7	T)	Pest set Type 8A. a) Connector PL1.		nect from AD4 on ta computer.							
	((b) Connector LP2.	Discon flight	mect from FC5 on control computer	c						
	((c) Connector LP3.		nect from aircraf sockets F and L.	i't						

			EMULTUSEL DIFOTENT DELEMBEL			
	depoles into the		treather and state to receive of an order barrel parameter to			

