CHAP TRADE	2		1070		SEF	VICING		JRES		-	AF	\$	3-1000-5A Section 1				ACT	
HEET		NAV of 6		HEET/S	-	LIGHT		Tell		AT 2	. 1		Edition)	And the second	6	A	
TITLE				ol Syste	em - Di		3 Settin Proced		6	AL N	SERV	ICINO	RECORD DATE		e Che	TIME	EST	
Safety	and Se	rvicing	y Note	es are to	be compl	ied wit	h throu	ighout		(1)	(2)		(3)	(4)	(5)		斑	
		iled or		ent .		lage Fr	t one			MAN HOURS	TRADESMAN	BRIE OF I SUSF DEFE	F DETAIL EFECT OR ECTED	I Z	N.C.O. INITIALS			X
				AIR	FRAME									+	+	1		
1.	-	parati								mio	erli	ode		(-19)				
1.1			and board pland ing of r sur ss pa 03P	d) e) edge) rface) anels)	Remov	e. 11				and (6) (10) (10)	Carrent de Carrent Lord de Lord de Lor	on. on. on. on. on. on. on. on.					SI	
1.2		craft faces.		trol	Ensur	e unob	struc	cted)		+4					E CARDS	
1.3	Hyd: rig	rauli s.	c te	st	(No 1	ct to Servi Contr	ces S	Syste									ASSOCIATED PROCEDURE	
				N.F	AV INST	RUMENT	rs		evos.	n fi			Jeglan	West of the second			MATE	
2.	Pre	parat	ion									end		119		1	18800	
2.1		ernal	pow	er	(i)	12.12	nect oraft.			47			egyp (
				AII	RFRAME													
3.	Pre	parat	ion						onic	100	1	150			1			
3.1	Hyd rig	lrauli gs.	c te	st		o 'ON								4 60				
3.2		craft cfaces		ntrol	Trim	to n	eutra	1.	7 D.C.I.C.	100		TOLET		N IN LA			ES	_
				NAV	ISNTRU	JMENTS						1		on B			TRADES	-
4.	manage or the same	eparat	and the second									9800					TED	L
NB 1	sur	oplies	s are	extern e set t ction T	o 'OFF	' befo	re co	powe	er etin	ıg	da			1 kg	7		ASSOCIATED	-
										f nB		h is		ine is Più	EL L	r.		
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																	SP	

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CHAP	2	NAV INST	SERVICING PROCEDURES		AP	101B-1000-5A3 Section 1	E	- 1884
SP NO	107	C CONTINUED	LIGHTNING			(1st Edition)		
SHEET	2			AC N	10	DATE .		
			o be complied with throughout		SE	RVICING RECOR	D	
the wo	rk de	tailed on this card.		(1)	(2)	(3)	(4)	(5)
		NAV	INSTRUMENTS			and realizable		
4.	Pre	paration (Conto	d)		legh (1011 No. 2015 pr		
NB 2	it fol	is necessary to	ding edges are fitted, adopt one of the es in order to achieve		J. P. S.	70.208_bas.//		
	(a)	of the port ai	clamping bracket assembly leron dither pick-off unit through 180 degrees.			- _L engentes Entrepa de la conse Entre de la conse))
	(b)	pick-off unit the port ailer aileron dither	board aileron dither (3C-2326-A-1) to the ram of on actuator, and the port pick-off unit (3C-2325-A-of the starboard aileron			TARRETARIA TARRET	5.4	
4.1	pic (a) (b)	iott dither k-off units. Port aileron.) Starboard aileron. Rudder.	(i) Fit to respective actuator output (ii) Adjust as necessary to align datums.		Çomi Di	No. OGEN. TOURT DOE 1808AL TEMPLE TE		But Let
4.2	Tes	st point J.	Remove shorting plug.	Lake.				
4.3		st set Type or Type 11.	Connect to aircraft test points F and J.			nouthern		1111
4.4	Ell	liott dither				- 17,543		
	(a)	ck-off unit.) Port aileron)) Starboard) aileron.)) Rudder.)	Connect to appropriate connectors on dither test set.		da	go kitawa Pangana Pangana		
4.5	actes	ilplane tuator dither st point. anel 103P).	Connect to appropriate connector on dither test set.	V.		rogreyth, south - Denseil	e Alik Ottis	9-4
4.6	Ell tes (a	liott dither st set.) Input connector.) On/off switch.	Connect to a.c. test point L. Set to 'ON'.	or	1 (d.02) 1865 1871,	nottena bedroug era Geria eranosak		e A
4.7		ternal AC and supplies.	Set to ON.					

CHAP	2	NAV INST		SERVICING PROCEDURES	AP101B-1000-5A3E Section 1						
SP NO	107	C CONTINUED		LIGHTNING			(1st Edition				
SHEET	3	Street and a second of			AC NO DATE						
Safety	and	Servicing Notes are	to	be complied with throughout	1	SE	RVICING RECO	ORD	0040		
the wo:	rk de	tailed on this card.			(1)	(2)	(3)	(4)	(5)		
NB	cor cha cha	the dither voltmmon oscillator, annel may reflect annels; thereforeried out, the n	tag , a ct re, rem	STRUMENTS re is supplied by one djustment in any one in the remaining after any adjustment is saining channels are to be		3); (IV) 2 (II) (IV)	ner notri enti i cunerb	# (1) # (2)			
	un			e of operations repeated level of dither is		L/570	ilan Imel	1000	8.8		
5.	Tes	sting									
5.1	,	/AP control lumn switch.		Ensure set to 'OFF'.							
5.2		strument ster switch.		Set to 'ON'.							
5•3	un: (a	lot's control it.) Master switch.) Stab switch.) Supplies MI)	Set to 'ON'. Ensure shows Black.			isa Ipog 1709 Tac 1708 Tac	nm/i Carlo			
5•4	te	liott dither st set annel selector.		Set to 'PORT' aileron.			i de production		FI 17		
5•5	po (M	ther setting tentiometers. Tain equipment mpartment port de - forward).		Adjust as necessary on appropriate potentiometer until tota ram movement of actuator as shown on dither test set is not more than 0.001 in.			700	ckitati.			
5.6	Co	ntrol column.		Ensure by feel that vibrations are not being transmitted to column. Note: If vibration is present, dither level in aileron channel is to be reduced.		200	n dode Tu	ola direc			
5.7	Cl	nannel selector.	•	Set to 'STARBOARD' aileron.			nedon Ivo	dores			
				al perrecept al electron of the land and all farmed of the land and the land of the land o							
		2010/65	7		-	Contin	house	Ten ma			

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CHAP	3	NAV INST	SERVICING PROCEDURES		AP1	01B-1000-5A3 Section		
SP NO	107	C CONTINUED	LIGHTNING		((1st Edition)		
SHEET	3	-thurst Civil Con		AC 1	07	DATE		
			o be complied with throughout		SEF	RVICING RECOR	D	
the wo	rk de	tailed on this card.		(1)	(2)	(3)	(4)	(5)
		NAV	INSTRUMENTS					
5.8		ther setting tentiometers.	Adjust as necessary an appropriate potentiometer until total ram movement of actuator as shown on dither test set is not more than 0.001 in.	24 (1 100 240 240 250	D Per Dalid Dicerca Decision D	uti thi vali delle apper gene i disease di salissama disease appe dellassa delle di Eli		
5•9	Con	ntrol column.	Ensure by feel that vibrations are not being transmitted to column. Note: If vibration is present, dither level in aileron channel is to be reduced.			TAMES TO SERVICE TO SE		
5.10	Cha	annel selector.	Set to 'RUDDER'.		Tim.	man articl		1
5.11		ther setting tentiometers.	Adjust as necessary on appropriate potentiometer until total ram movement of actuator as shown on dither test set is not more than 0.001 in.		Tibli	The Adoption Office Column Thompion Libra Alth		
5.12	Ru	dder pedals.	Ensure by feel that vibrations are not being transmitted to pedals. Note:— If vibration is present dither level in rudder channel is to be reduced.		orio James Prog. (Lens	Emilia Libration J. From Street I Associate dispersional Marchite John College Marchite John College	171 172 173 173 173 173 173 173 173 173 173 173	
5.13		annel lector.	Set to 'TAILPLANE'.		4.00	July Lores		a ve
5.14		ther setting tentiometers.	Adjust as necessary on appropriate potentiometer until total ram movement of actuator as shown on dither test set is not more than 0.001 in.					
5.15	Co	ntrol column.	Ensure by feel that vibrations are not being transmitted to column. Note: If vibration is present dither level in tailplane channel is to be reduced.					

НАР	2	NAV INST	SERVICING PROCEDURES			S	1000-5A3 E ection 1		
P NO	107	C CONTINUED	LICHTNING				Edition)		A Year
HEET	4	WHITE A REAL OF THE		AC N	-	NAME AND ADDRESS OF THE OWNER, THE	. DATE .	• • •	
afety	and	Servicing Notes are to etailed on this card.	be complied with throughout	(1)	(2)	RVICI	(3)	(4)	(5)
10 110		NAV INST	RIMENTS	(1)	(-)		(3)		
			TO PIETV TO						
5.		sting (Contd)							417
5.16		liott dither st set.	Disconnect from test socket 'L'.		rs.	ru o			
5.17		st set Type or 8A.	Connect to test socket 'L'.		-				
5.18	Te	est set Type 11							13,
		· 8A.	C						
	(8	a) Deflection switch.	Set to 'MAX'. MO						
	(1	Rate gyro switch.	Set to 'PITCH'.						7,7
	(e) Press to	Depress and release			1		2	Lin
		Deflect switch.	several times to						
			exercise tailplane actuator.	100	di SW	1 3			
	1	d) Rate gyro	Set to 'YAW'.		1100	THE			
	10	switch.	Each to despressioners Line	1	900	12.00		1	1
	(e) Press to	Depress and release			1			
	Î	Deflect switch	several times to	-					
			exercise rudder actuator.						
	(f) Rate gyro	Set to 'ROLL'.		The	CANO.			1
	(switch.						1	
	(g) Press to	Depress and release		- Interior	i Sam			
		Deflect	several times to exercise aileron						5.7
		switch.	actuator.						
- 10	П	est set Type 11	Disconnect from test		100	4000		eq.	
5.19		r 8A.	socket 'L'.					27	
F 00		Clliott dither	Connect to test			4-6			
5.20		est set.	socket 'L'.		1	ne vil		127	
- 0		Channel selector.	Set to each channel in					T	
5.2		manner sercouor.	turn and check dither		1.0	north 1		14	1
			level is between 0.002						
			and 0.0002 in. (If outside limits repeat			100		199	1
			items 4.6 to 5.21).					91	
			White it is the	-					
5.2		Pilot's control							
		(a) Stab switch.) (b) Master switch)	Set to 'OFF'.						
5.2	3	Instrument Master switch.	Set to OFF'.						
5.2	4	External a.c. and d.c. supplies.	Set to 'OFF'.						
		M 52010/6k			Conti	nued	14. 34.35 \		

CHAP	2	NAV INST	SERVICING PROCEDURES		AP		000-5A3 H				
SP NO	107	C CONTINUED	LIGHTNING			(1st Ed			46		
SHEET	5	Title I I I I I I I I I I I I I I I I I I I		AC N	AC NO DATE						
			be complied with throughout		SE	RVICINO	RECORD				
the wo	rk de	tailed on this card.		(1)	(2)	(3)	(4)	(5)		
		AIRFR	AME								
6.	Te	sting									
6.1	Ну	draulic test	(i) Set to 'OFF'.		779	in the			1-15		
		gs.	(ii) Restart after 30 minutes.								
		NAV IN	STRUMENTS				1 46 1				
7.	Те	sting				nd x					
7.1		ternal a.c. and)	Set to 'ON'.								
101		c. supplies.	Set to on a								
7.2	In	strument master)		15	100	700					
		itch.									
7.3		lot's control it.		Lin							
) Master switch)	Set to 'ON'.			1		14			
	(b	Stab switch.						-			
7.4	Ch	annel selector.	Set to each channel in						-		
			turn and check dither			d sui					
			level is between 0.002 and 0.0002 in.			3170					
7.5	Pi	lot's control									
	un	it.			- 40	in a					
) Master switch)) Stab switch.	Set to 'OFF'.								
7			of amount Legisters			JEST					
7.6		strument Master itch.	Set to 'OFF'.			-100					
7.7		ternal power	(i) Set to 'OFF'.	1	de in	nell u		by it	1.7		
		pplies. .C and D.C)	(ii) Disconnect.								
7.8	- 1		(:) Discourse of		100				The set I also		
1.0	or	st Set Type 11 8A.	(i) Disconnect.(ii) Remove.	0.00							
7.9		liott dither	(i) Disconnect.								
1.7		st set.	(ii) Remove.								
7.10	Te	st plugs and	(i) Refit shorting								
	so	ckets.	plug.								
			(ii) Fit blanks.		Lon						
					Bart	Mile of					
				-	12 12 10			-			
									1		
				1					100		
					1	1100					
RM 5	201	0/66A		Con	ntinue	ed	igosa .	11/4			

CHAP	2	NAV INST	SERVICING PROCEDURES		AP10	Section	E	
SP NO	107	C CONTINUED	LICHTNING		(1st Edition)		
SHEET	6			AC N		DATE		0
Safety	and	Servicing Notes are to tailed on this card.	be complied with throughout	(4)	(2)	VICING RECOR	(4)	(5)
the wo	rk de		DITT T MENTING	(1)	(2)	(3)	(4)	()/
		NAV INST	THUMENTS					
8.	Ge	neral						
8.1	pi (a (b	liott dither ck-off units.) Port aileron.) Starboard aileron.	Remove from actuator ram.					-
8.2	Ta) Rudder.)	Disconnect from lead and refit blanking cap.					
	te	etuator dither est point. Panel 103P).	reilt planking cap.				No.	
	NAME OF THE PERSON NAME OF THE P	AIRF	RAME		1.75	tini Najara		
9.	Ge	eneral						
9.1	-	rdraulic test igs.	(i) Disconnect.(ii) Remove.					
9.2	A (ccess panels. a) Port and) starboard)				-		
		mainplane) leading edge) lower)	Refit.		Francisco			
	>	surfaces.) b) Panel 103P.) c) Panel 84S.)						
							1,	
	DIVI	52010//7		-				
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Lement to the control of the control				
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picke-off units. (a) Fare and interes. (b) Satisfand. (c) Suddent. (d) Suddent. (e) Suddent. (e) Suddent. (f) Suddent. (g) Suddent. (
Description of the second state of the second (a) passed (b) and second (c) the second (c) and s				
Patinists Hancepter from lead and solutions of the solution of				
Alternation points blanking cap. (Parel 1039). Alternation (1) Beauties. (2) Beauties. (3) Beauties. (4) Beauties. (5) Beauties. (6) Beauties. (7) Beauties. (8) Beauties. (9) Beauties. (9) Beauties. (10) Beauties. (11) Beauties. (12) Beauties. (2) Beauties. (3) Beauties. (4) Beauties. (5) Beauties. (6) Beauties. (7) Beauties. (8) Beauties. (9) Beauties. (10) Beauties. (1				
Legende (1) vest biloste (1) vest bilost				

