CHAP	2		SP 1		SERVI	CIN	G PR	OCED	URES		AP		B-1000- ection	OF CTED (4) (0.0.5.N				
TRADE	E OFFICE	N DE	FLT	SYST	r Hunek-sid. Pünyliya	LIG	GHTNI	NG	Lynn	(Sales	(1st E	Edition	1)		ne Th		ACT
SHEET	1	OF	6	SHEET/S	er ar Maeri i ya 10 ya Kran	3		5	6	AL	NO	12	DATE	O. L. de	and the state of	A gapta	TIME	
TITLE	Navi Func	gat:	ional nal T	Display lest.	System	-	ILS	Mod	le	SERV AC N	VICIN	G REC	ORD D/	RAF	F F.2	2988B		EST
safet: with	y and sthroug	Servi hout	icing I	Notes are tork detaile	to be co	mpl	ied			(1)	(2)		(3)		(4)	(5)	NO ASSOCIATED TRADES ASSOCIATED PROCEDURE CARDS EST EST	
			-	J1K 0000	u o,,	15	Ua			-		BRIE			ON			10
District Constitution	al Tool	ls ar	nd Equi	ipment						HOURS	SMEN	OR S DEFE	AILS OF SUSPECT CT	ED		C.O.		
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			11.12	FLT SYST						Σ	-	10,714			L	ZH	4	
1.	Prepa	rat	ion							for a	10	Tors.		06				
				Self-	moreon, I					and.	15.9	7(8))		10	71.00			
	suppl	lies.	power d.c.		ıre swi									ingri I 91	i (in			
					WORK WI	THE		*		14	-							1
				AIR COMM	S												200	X C
2.	Prepa	rat:	ion							411								
	Local glide		r and	Ensu	re int	act	t.			dy yê Live ye.		444.5		B Cale	(100)		Glin	CEDUNG
	recei	iver	pre-							rac.	-11	Mat.		lang.			1000	
	contr	OT 8	seals	•													101	Altu
2.2			Type					-						-	Ba .		Loc	0001
	(a) 1	est	set.		ition a alizer										1.1	2	0	ASS
	(1) I			poss	sible.					-								
	(b) P		r ector		nect to		8V d	47-4-4				5/14		the last				
	(c) I	Local	lizer								Luc)	d Ou		-			NAME OF TAXABLE	
		aeria On/0:		vitch Set										122				
	(e) S	Supp.	oly/	Depr	ress an	nd e									Lau			
		Opera	ch.		icates n relea			Sec	COT.	,		n n n etc						
2 Z	Hande	+		Conv	a+ +c	- D	-10+	10.	/	pp s	Ti n							
2.3	Heads	set.			nect to socket		TTO	'S 11	110/						1500			
2.4	TTC r	~act	222	Set	+ ~ 100	T F								D.C.	100			
	ILS m		er	Dec	to 'ON	•				twill				Fig. I	1 1			DES
2.5	Contr	rol	unit	Sele	ect cha	ann	e]			koA.		l rew					1	
-	Туре			appr	ropriat quency	te t	to w			, ha.		Elio.		1.07			-	ATEU
2.6	ILS/V	VP s	witch		to 'IL				a eleme									1280C1
	¥	\$ \$\$\$\$	N. Ya. J								1						100	
- 1				NO. S. J. PARCE.	-											i innidia	-	-
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SMS/	80/4	-53/	8							Cc	ontin	ued						

CHAP	2	FLT SYST	SERVICING PROCEDURES		AF		-1000-5A3 E	1		
SP NO	110	CONTINUED	LIGHTNING			Section 1 (1st Edition)				
SHEET	2	AL 12	Januarina antarpas	AC I	VO -		-			
Safety	and S	ervicing Notes are t	o be complied with throughout			STATE OF THE PARTY.	ING RECORD	• • • •	-	
the wor	rk det	ailed on this card.		(1)	(2)	Г	(3)	(4)	(5)	
		THE STATE OF THE S	T SYST					1		
		TAN - UNCORN DATE	Hara Mach all - mataya y	Ligh	d I	1,112		1		
3.	Pre	paration			1054	1. 5				
3.1	MRG	On/Off)	(f) ballone con of a	Rivers	SHOW SHOW	10.00		10/15		
		tch.	Set to 'ON'.							
3.2		trument)		1.70	lan ha				2 4	
	mas	ter switch)			-					
4.	Tes			-				# 20 00000000000000000000000000000000000		
4.1	Nav	display unit.		a n						
	(a)	Mode selector	Set to 'COMP'.							
	(b)	Compass card.	Ensure motors to random			110				
	(0)	Comp/DG	heading in 2 to 3 seconds Set to 'COMPASS'.							
	(0)	selector.	Det to COMPADS.							
	(d)	Annunciator	Ensure remains central		23.0	11,8				
		flag.	for 2 to 3 seconds and			-			7	
			then either oscillates	S. M.	1					
			slowly or indicates dot or cross.	-		100				
	(e)	Compass card.	Synchronize and check			-1-7				
		1	heading approximately to		1 1	10			7.	
	/ = X		that of E2B compass.						. 1	
		Mode selector	Set to 'ILS'.			1110				
	(g)	GP bar.	Check driven to zero datum in less than 10							
			seconds.	!!	1	917				
	(h)	Roller	Check driven to			Pen				
		blind.	localizer zero datum in							
	(3)	Heading knob.	less than 10 seconds. Pull out and turn.							
		Selected	Ensure no movement occurs			her				
		heading pointer	. feeto da		7	ar.i				
	(1)	Localizer.	Ensure can be set to any							
	(m)	Localizer	desired heading. Set to lubber mark.			1				
	(111)	datum.	bet to lubber mark.							
					-	-	-	-	-	
		AI	R COMMS							
5.	Tes	t	. notice the			-				
5.1	CONTRACTOR OF STREET	t set.				1				
). 1		Function	Set to 'LOCAL'.		1					
		switch.			1					
		Tuning switch.	Set to 'XTAL'.					2. 0	-5	
	(c)	Deflection control.	Adjust to set meter to	n-						
	****	COHOLOT.	. Dan last od vousbors	2		-	**************************************			
				2	1					

CHAP	2	NAV INST	SERVICING PROCEDURES		AP	101B-1000-5A3 Section 1	E	LALK.
SP NO	110	CONTINUED	LIGHTNING		-	(1st Edition) DATE . ERVICING RECORD (3)	0	
SHEET	3	30.40	1 97	AC N		NATIONAL SERVICE AND ADDRESS OF PROPERTY OF STREET, SANDOWN SERVICES AND ADDRESS OF THE SERVICES AND ADDRESS OF TH		
		ervicing Notes ar ailed on this car	e to be complied with throughout	or m	7	-	-	e Luite
				(1)	(2)	(3)	(4)	(5)
6.	Test		V INSTRUMENTS					
6.1	(a)	display unit Localizer warning flag Localizer beam bar.	Ensure clears.					
			AIR COMMS	-	-		+	-
7.	Test	i	AIR COMMS					
7.1	defl	set ection crol.	Adjust to set meter to maximum left.			cardonnii cardonnii cardonnii		
			NAV INSTRUMENTS			The state of	+	
8.	Test				, Min	econstant in		
8.1	unit	lizer beam	Check moves left of datum by approximately 3/4 in.			a Cottains		
			AIR COMMS		la ve	Table State		L'I
9.	Test		ingues account		WHAT I	Carrengl 540		
9.1	Test	s set ection crol.	Adjust to set meter to maximum right.			-162 95 (s		
			NAV INSTRUMENTS					
10.1	uni	t display t localizer m bar.	Check moves right of datum by approximately 3/4 in.			and lout		.61
						velquib q		a (tal)
					× 1			
						ide from the inchronit		
	RM 5	2010/106		Cor	ntinue	ad a second		

CHAP	2	NAV INST	SERVICING PROCEDURES LIGHTNING			101B-1000-5A3 Section 1	Е	
SP NO	110	CONTINUED	LIGHTNING			(1st Edition)		14.1
SHEET	4			AC N	Constitution and	DATE .	THE RESERVE OF THE PERSON NAMED IN	•
		servicing Notes are ailed on this card.	to be complied with throughout	(4)	-		-	(5)
			Power in the contract of the c	(1)	(2)	(3)	(4)	(5)
		P	AIR COMMS					
11.	Tes	<u>t</u>				nie i sa		
11.1	1000000	t set.			hama	readqualib in		11-11
	(a)	Function switch.	Set to 'LOC AUDIO'.			entrouse		-74
	(b)	Freq Mod	Set to '1300' and ensure			or Lineal (1	
		switch.	1300 Hz note is audible in headset.			NAME OF STREET		
	(c)	Set.	Position as close to aircraft GP aerial as					
	(d)	GP aerial.					in the	
) /	Function switch.	Set to 'GLIDE PATH'.			inter our		
	(f)	Tuning	Set to 'XTAL'.					
	(~)	switch. Deflection	Adjust to got motor to					
	(8)	control.	'O'.			Valgati v		
		NAV	INSTRUMENTS				4	
12.	Tes	<u>t</u>						
12.1		display unit. GP warning	Ensure clear.					
	(b)	flag. GP bar.	Ensure coincident with central index mark.			ton in		
		AI	R COMMS				WAS A STREET	-
13.	Tes				1			
13.1	Compunitaria	t set	Adjust to got motor			190		101
13.1		lection	to maximum left.			wallenth v		100
	con	trol.	AIR COMMS Set to 'LOC AUDIO'. Set to '1300' and ensure 1300 Hz note is audible in headset. Position as close to aircraft GP aerial as possible. Extend. Set to 'KTAL'. Adjust to set meter to '0'. NAV INSTRUMENTS unit. ng Ensure clear. Ensure coincident with central index mark. AIR COMMS Adjust to set meter to maximum left. NAV INSTRUMENTS Check moves to upper limit (Approximately 0.55 in. from datum). AIR COMMS Adjust to set meter to maximum right.					
		NAV	INSTRUMENTS					
14.	Tes	<u>t</u>						
14.1	Nav	display	Check moves to upper limit					
		t GP bar.	(Approximately 0.55 in.					
		A	IR COMMS					
15.	Tes	<u>t</u>		To the last of the				1
15.1	Bleven Grunn (Brown Co	t set	Adjust to set meter to				4 -	
	def	lection . trol.						
р	M FO	010/106A		Co	ntinu	ed	Alex III	-

CHAP SP NO	2	NAV INST		SERVICING PROCEDURES LIGHTNING			Se	000-5A3 I	C	
	110	CONTINUED		LIGHTNING			(1st E	dition)	FILE	(BATE
SHEET	5		OAK province		AC N	10		DATE .		0
		ervicing Notes ailed on this c		o be complied with throughout		SE	RVICIN	G RECORD		
the wo.	rk deta	alled on this c	ara.		(1)	(2)		(3)	(4)	(5)
			NAV	INSTRUMENTS		AT				
16.	Tes	<u>t</u>						Townson,		
16.1	Nav	display		Check moves to lower						
		t GP bar.		limit. (Approximately			100 1			
				0.55 in. from datum).						
	alia da maria da	compression property	AI	R. COMMS						
17.	Tes	t								
17.1	en expension open open open open open open open op	t set.								
1 (• 1		Set.		Position as close to						
	(ω)	2000		marker aerial as possible						
	(b)	Marker		Extend.						
	()	aerial.		G						
	(c)	Function switch.		Set to 'MARKER'.			4			
	(d)		ch.	Set to 'XTAL'.	100					
	(e)	Freq Mod		Set to '1300' and ensure						
		switch.		1300 Hz note is audible						
				in headset.						
			I	NAV INSTRUMENTS						
18.	Test									
18.1	Nav	display		Ensure lit.						
		t marker								
	lamp) •					4.			. 2
19.	Gene	eral								
19.1	Nav	display		Set to 'COMP'.						
	unit	mode								
	sele	ector.								
19.2		trument)							
40 3		ter switch.	(Set to 'OFF'.						
19.3	MKG swit	On/Off)							
	- OWI	00116	ΛT1	R COMMS		-	-		-	
0.0	~	,	H.L.	A COMMISS					-	
20.	Gene									
20.1		t set.		G_1, 1,		10				
	(a)	On/Off switch.		Set to 'OFF'.				1 75 11		
	(b)	Power		Disconnect 28V d.c supply	1 . 1				1	
	` ′	connector.							1	
20.2	ILS	master		Set to 'OFF'.			L			
	swit	tch.								
20.3	Head	dset.		(i) Disconnect.						
				(ii) Remove.			111		100	
		1107	7		-	ntinue				

CHAP SP NO	2 110	NAV INST	SERVICING PROCEDURES LIGHTNING			AP101B-1000-5A3 E Section 1 (1st Edition)			
SHEET	6	Man		AC I		THE RESIDENCE OF THE PARTY OF T			
Safety	and S	ervicing Notes are to	o be complied with throughout	nii iy	SE	RVICING RECORD			
the wo	rk det	ailed on this card.		(1)	(2)	(3)	(4)	(5)	
21 . 2 . 1	Ext	NAV IS eral ernal power plies. (A.c. d.c.).	(i) Ensure switched off (ii) Disconnect. (iii) Remove.			Calgare value to raise the raise		ar ar	
				SETTION OF STANFOLD, ANN MANIFOLD AND AN AND ANALYSIS ANA	1.04	Anna duar Josepham (a Josepham			
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