S-TEC Corporation

One S-TEC Way, Mineral Wells TX, 76067

DATA SHEET FOR:

01192-()-() & PM Programmer/Computer, System 55/55X/550

	REVISION HISTORY					
REV	DESCRIPTION	CHECKED	DATE			
	For Previous Revision History see Revision Level W					
Υ	Revised per ECO 17456	E. Harris	11/16/2006			
AA	Revised per ECO 17543	T. Hudnell	11/19/2006			
AB	Revised Per ECO 18124	E. Harris	6/13/07			
AC	Revised Per ECO 18132	E.HARRIS	6/20/07			
AD	Revised Per ECO 18693	T HUDNELL	3-6-08			
AE	Revised Per ECO 20082	E HARRIS	12/18/09			
AF	Revised Per ECO 20684	E HARRIS	1/19/11			
AG	Revised Per ECO 20836	E HARRIS	5/9/11			
AH	Revised Per ECO 22020		12/18/13			

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UNIT P/N: 01192 - 16	2-11 T	UNIT S/N: 5377	150 360	CONFIGURATION:	DATE: 1 Muss 19
QUALIFICATION TEST	ENGINEER:	ACCEPTED: REJECTED:		sandle de la company	0
ACCEPTANCE TEST	TECHNICIAN:	TESTER P/N: 9571-3	TESTER S/N:	CAL DUE DATE:	ACCEPTED:
REDUNDANT TEST	TECHNICIAN:	TESTER P/N: 9571-3	TESTER S/N:	CAL DUE DATE:	ACCEPTED:

Notes

- 1. This document serves three purposes. It may be used for a Qualification Test, Acceptance Test, or Redundant Test. When conducting a Qualification Test, fill in the blocks above for Qualification Test and leave the blocks for Acceptance Test and Redundant Test blank. When conducting an Acceptance Test, fill in the blocks above for Acceptance Test and leave the blocks for Qualification Test and Redundant Test blank. When conducting a Redundant Test, fill in the blocks above for Redundant Test and leave the blocks for Qualification Test and Acceptance Test blank.
- 2. Record all numerical data in space provided. If the numerical data is out of tolerance, mark an F for FAIL after the numerical entry. Where numerical data is not required to be recorded, mark a P for PASS or F for FAIL. Where no data is required to be recorded, mark NA for NOT APPLICABLE.

04108-TP-02 SECTION	REQUIREMENT	ACCEPT. RESULTS	REDUNT.
2.2.1(b)	The following occur in sequential order on unit display:	gram water and a second	VACOBOTO SECURE IS
	All annunciations appear as shown in Fig. 2-1, and then extinguish.	P	
	Software revision number appears at extreme right, and then extinguishes (System 55X/550 only).	ρ	
	Display goes completely blank.	P	
2.2.1(c)	Mode selector switches and display are backlit.	P	1 10 10 10 10 10 10 10 10 10 10 10 10 10
2.2.2(c)	The following occur in sequential order on unit display:		
	All annunciations appear as shown in Fig. 2-1, and then extinguish.	1	A COLUMN TO
	 Software revision number appears at extreme right, and then extinguishes (System 55X/550 only). 	P	
	Display goes completely blank, after which only RDY annunciation re-appears.	THE STREET, WENG A	
2.2.2(d)	Record software revision number (System 55X/550 only).	6	100000000
	HDG RD, NAV CWS APR FAI REV TRIM ALT GS VS +1	- V	
	System 55		
	HDG , NAV , APR , REV TRIM ALT GS VS + 38		
	System 55X		
	HDG NAV APR SERV TRIM ALT GS VS + 28		
	System 550		
	Fig. 2.1. Unit Annunciations		
2.2.2(e)	The following occur in sequential order on Tester's 01188 ANNUNCIATOR:	Complete a series of the financial of	

04108-TP-02 SECTION	REQUIREMENT	ACCEPT. RESULTS	REDUNT. RESULTS
	1) All annunciations except IAS appear as shown in Fig. 2-2, and then extinguish.	P	
	Display goes completely blank, after which only RDY annunciation re-appears.	P	

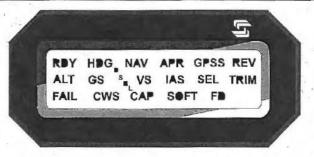


Fig. 2-2. Tester Annunciations

Fig. 2-2. Tester Annunciations			
2.3.1(a)	Unit display remains unchanged.	P	
20101		Partie - of the second second	
2.3.1(b)	Unit display remains unchanged.	P	
2.3.2(a)	The following occur:	, , , , , , , , , , , , , , , , , , , ,	
	Only HDG annunciation appears on unit display.	P	
	ROLL SERVO SOL lamp is illuminated on Tester.	P. San	
2.3.2(b)	The following occur:		
	Only NAV annunciation appears on unit display.	D Parish and an a	
	2) ROLL SERVO SOL lamp is illuminated on Tester.	PP	
2.3.2(c)	The following occur:	Service and the service and th	
2.0.2(0)	Only REV annunciation appears on unit display.	Shape of landing the street of the state of	
	ROLL SERVO SOL lamp is illuminated on Tester.	P	
	2) ROLL SERVO SOL lamp is illuminated on Tester.	E The Second of the Second of Second	
2.3.2(d)	The following occur:		
7	Only NAV and APR annunciations appear on unit display.	P	
	ROLL SERVO SOL lamp is illuminated on Tester.	Property of the second	
2.3.3(a)	The following occur:		
	ALT annunciation appears on unit display.	Comment of the state of the sta	
	PITCH SERVO SOL lamp is illuminated on Tester.	Plane where the country of the count	
2.3.3(b)	The following occur:		
	VS annunciation appears on unit display.	D I I I I I I I I I I I I I I I I I I I	
	2) 0±1 (VS x 100) annunciation appears on unit display.	D	
	3) ALT annunciation is extinguished on unit display.	D	
	4) PITCH SERVO SOL lamp is illuminated on Tester.	P	
		4 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
2.4(a)	The following occur:		
()	The fell shall sha	the second participants of the second of	

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04108-TP-02 SECTION	REQUIREMENT	ACCEPT. RESULTS	RESULTS
	Audible alert sounds.	P	
	Unit display remains unchanged.	P	
	ROLL SERVO SOL and PITCH SERVO SOL lamps are extinguished on Tester.	P	
	FD FLAG lamp is illuminated on Tester.	4 ATAP	200 to 10 m
2.4(b)	The following occur:		
2.7(0)	Unit display remains unchanged.		eux 400 . John Jafes
	ROLL SERVO SOL and PITCH SERVO SOL lamps are illuminated on Tester.	Po	
	TOLL SERVO SOL and PHICH SERVO SOL lamps are multimated on Tester. 3) FD FLAG lamp is extinguished on Tester.	0	
	3) FD FEAG lamp is extinguished on Tester.	AND ALTONOUS	-converte and
2.5(b)	The following occur:		
1111	Audible alert sounds.	PA	THE STATE STATE OF THE
	Unit display goes completely blank.		
	ROLL SERVO SOL and PITCH SERVO SOL lamps are extinguished on Tester.	P	
2.6.1(f)	ROLL SERVO output from Tester is 0 ±0.10 VDC.	.095	ya maanamar. A
		Man control of the con-	CONTRACTOR NAME
2.6.2(b)	RATE GYRO output on Tester is following voltage:	.908	ay of these Your Awar II. The
2.6.2(d)	RATE GYRO output on Tester is following voltage:	-,903	numericate and man
0.004/6	The fell with a second	STATE AS DO - STOCKE	THE POPULATION AND AND
2.6.3.1(f)	The following occur:	A STATE OF PRINCIPLE	11 May 1 mars 201 1 10 10 10 10 10 10 10 10 10 10 10 10
	ROLL SERVO output from Tester is 0 ±0.10 VDC.	,087	
	2) ROLL STR SIG output from Tester is 0 ±20 mVDC.	1089	P companyou with the
2.6.3.2(a)	GPSS ENBL lamp is illuminated on Tester.	P	got a Market Same of the
2.6.3.2(c)	The following occur:		
2.0.0.2(0)	NAV and GPSS annunciations flash on unit display.	D	remand administration
	FAIL annunciation appears on unit display.	0	
	3) ROLL SERVO SOL lamp is illuminated on Tester.	PT	
0.000/10		tor, many company	transportation to the state of
2.6.3.2(d)	ROLL SERVO output from Tester is 0 ±0.10 VDC.	1043	her complete to shape, we
2.6.3.2(e)	The following occur:		
	NAV and GPSS annunciations stop flashing but remain on unit display.	P	COMMENS DE LA COMMENSOR
	FAIL annunciation is extinguished on unit display.	P	-
	3) ROLL SERVO output from Tester is 0 ± 0.50 VDC	1043	armortine Mari
2.6.4(b)	RATE GYRO output from Tester is following voltage:	-1.050	of the second
	AG/AE and above ROLL STR SIG output 0.000 ±0.025 VDC		-
2.6.4(d)	RATE GYRO output from Tester is following voltage:	1005	
2.0.4(U)	TATE STRO output from Tester is following voltage:	1.013	
	AG/AE and above ROLL STR SIG output 0.000 ±0.025		

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2.6.4(e)	The following occur:		
2.0.4(8)	NAV and GPSS annunciations flash on unit display.	P	e et aparella de servicio
	PAIL annunciation appears on unit display.	- ρ	
	ROLL SERVO SOL lamp is illuminated on Tester.	B	
	GPSS ENBL lamp is extinguished on Tester.	A	
	4) GPSS ENBL ramp is extinguished on Tester.	ye maren sinalaharara	September 15 - 10 - 1
2.6.5(d)	The following occur:		
	1) ROLL SERVO output from Tester is ROLL SERVO VOLTAGE shown in Table 2-4.	-9,49	
	2) ROLL STR SIG output from Tester is ROLL STEERING VOLTAGE shown in either Table 2-5a or 2-5b.	.435	Society handers are So
0.6.5(a)	The following occur:		
2.6.5(e)	ROLL SERVO output from Tester is ROLL SERVO VOLTAGE shown in Table 2-4.	10,34	China Che e Santi Clarente
	ROLL SERVO output from Tester is ROLL STEERING VOLTAGE shown in either	(0,57	
	Table 2-5a or 2-5b.	-,472	From the autority of
2.6.6.1(f)	RATE GYRO output from Tester is following voltage:	.891	Accessed to the second
		granitation body as	They are a considered to the con-
2.6.6.1(j)	RATE GYRO output from Tester is following voltage:	-,944	SHOT SHAPES OF
2.6.6.2(f)	RATE GYRO output from Tester is TURN RATE VOLTAGE shown in Table 2-6.	126	, 372
2.6.6.2(h)	RATE GYRO output from Tester is TURN RATE VOLTAGE shown in Table 2-6.	. 266	-,414
2.6.6.3(f)	RATE GYRO output from Tester is TURN RATE VOLTAGE shown in Table 2-7.	.224	emperate con control of a contr
2.6.6.3(h)	RATE GYRO output from Tester is TURN RATE VOLTAGE shown in Table 2-7.	-1266	and the second s
2.6.7(e)	Record ROLL SERVO output voltage from Tester.	2.4	
		Committee and a second	Section and the second
2.6.7(g)	Record ROLL SERVO output voltage from Tester once it has stabilized.	7.9	
	Voltage in step g is greater than that in step e.	and the summaries of	200 - 50 New 3 (100 700)
2.6.7(m)	Record ROLL SERVO output voltage from Tester.	- 3, 2	o p latte sectors and the
2.6.7(o)	Record ROLL SERVO output voltage from Tester once it has stabilized.	-3.3	
	Voltage in step o is more negative than that in step m.	P	V: 02 V: - + 3P = 5
2.6.8.1(g)	HDG BUG/CRS POINTER switch is set to within RT 45° $\pm 3^\circ$ HEX CODE RANGE shown in Table 2-8.	P	
2.6.8.1(I)	HDG BUG/CRS POINTER switch is set to within LT 45° ±3° HEX CODE RANGE shown in Table 2-8.	P	
2.6.8.2.1(g)	HDG BUG/CRS POINTER switch is set to within LT 45° ±3° HEX CODE RANGE shown in	0.0	a visa stress <u>i banda</u>

04108-TP-02 SECTION	REQUIREMENT	ACCEPT. RESULTS	REDUNT. RESULTS
		The Participation of the Control	more to and or except
2.6.8.2.1(I)	HDG BUG/CRS POINTER switch is set to within RT 45° ±3° HEX CODE RANGE shown in Table 2-9.	NA	
2.6.8.2.2(g)	HDG BUG/CRS POINTER switch is set to within RT 45° ±3° HEX CODE RANGE shown in Table 2-9.	P	TANKS DE TH
2.6.8.2.2(I)	HDG BUG/CRS POINTER switch is set to within LT 45° ±3° HEX CODE RANGE shown in Table 2-9.	P	AND PARKS SAN
2.6.8.3.1(d)	HDG and NAV annunciations both appear on unit display.	P	Contract of the sale
2.6.8.3.1(e)	LT-RT output from Tester is greater than 0.120 VDC (> 80% RT RADIO).	P	The sales and b
2.6.8.3.1(f)	LT-RT output from Tester is 30.0 ±7.50 mVDC (20% ±5% RT RADIO). Version 6 SW and below 22.5 ± 7.5 mVDC (15% ± 5% RT Radio)	20	Patriciani Indiana
2.6.8.3.1(i)	HDG and NAV annunciations both appear on unit display.	Service Services Services	Lento non di alemenata
2.6.8.3.1(j)	LT-RT output from Tester is more negative than -0.120 VDC (> 80% LT RADIO).	P	HARM SECRET SHEPTON
2.6.8.3.1(k)	LT-RT output from Tester is -30.0 ± 7.50 mVDC (20% ±5% LT RADIO). Version 6 SW and below -22.5 ± 7.5mVDC (15% ± 5% LT Radio)	30	ANEX-TEXAS
2.6.8.3.2.1(e)	HDG and REV annunciations both appear on unit display.	n/A	or organization of the last
2.6.8.3.2.1(f)	LT-RT output from Tester is more negative than -0.120 VDC (> 80% RT RADIO).	English and an expension	CANDON STATE OF
2.6.8.3.2.1(i)	HDG and REV annunciations both appear on unit display.	TOTAL CONTRACTOR OF THE PARTY O	May a so how he
2.6.8.3.2.1(j)	LT-RT output from Tester is greater than 0.120 VDC (> 80% LT RADIO).	post of all the constant	A CHARLES AND A CHARLES
2.6.8.3.2.2(e)	HDG and REV annunciations both appear on unit display.	P	No the second
2.6.8.3.2.2(f)	LT-RT output from Tester is greater than 0.120 VDC (> 80% RT RADIO).	P	English Space College
2.6.8.3.2.2 (i)	HDG and REV annunciations both appear on unit display.	P.	Alternative and the second
2.6.8.3.2.2 (j)	LT-RT output from Tester is more negative than –0.120 VDC (> 80% LT RADIO).	P	and the second
2.6.8.3.3(e)	LT-RT output from Tester is 30.0 ±7.50 mVDC (20% ±5% RT Radio).	26	I my get services of the
2.6.8.3.3(i)	LT-RT output from Tester is -30.0 ±7.50 mVDC (20% ±5% LT Radio).	-24	Contract of the
2.6.9.1(d)	The following occur in sequential order on Tester's 01188 ANNUNCIATIOR: 1) CAP annunciation instantly appears.	<i>P</i>	Spire, Philippin
	2) SOFT annunciation appears after 15 ±5 seconds.	15	
	CAP annunciation is extinguished after 75 ±10 seconds.	75	

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04108-TP-02 SECTION	REQUIREMENT	ACCEPT. RESULTS	REDUNT. RESULTS
2.6.9.1(e)	The following occur:		
()	NAV annunciation flashes on unit display.	10	the at the second of the pr
	2) CAP annunciation appears on Tester's 01188 ANNUNCIATOR after 60 ±10 seconds.	60	
		(W 100 100 P-1207 1-0	and status the
2.6.9.2(d)	SOFT annunciation instantly appears on Tester's 01188 ANNUNCIATIOR.	P	Parts & - doubleasting of
2.6.10(a)	The following occur:		
2.0.10(a)	FAIL annunciation appears on unit display.	0	ACTOR AND AREA AND A TO
	NAV FLAG output on Tester is 200 ±20 mVDC.	7011	
	2) NAV FLAG output on Tester is 200 ±20 mVDC.	,204	A - SUDAN TIMES
2.6.10(b)	The following occur on unit display:		
2.0.10(0)	NAV annunciation stops flashing but remains.	Anna and an anna anna	ALL CONTRACTOR OF THE
	FAIL annunciation is extinguished.	D	
	2) The amandation to extinguished.	*****	A MANAGEMENT AND A
2.6.11.1(a)	The following occur:		
The state of the s	Only NAV and APR annunciations appear on unit display.	See and described to the out	CANCEL CONTRACTOR OF PARTY
	Only NAV, APR, CAP and SOFT annunciations appear on Tester's 01188 ANNUNCIATOR.	P	a visuage or a second of a bis state.
2.6.11.1(b)	ROLL SERVO output from Tester is 0 ±0.10 VDC.	0	tion in according
		Coll and promise accounts to party of	California Paris Carlotta Lagran
2.6.11.2(c)	The following occur:	And the of the second	many set parmer
	NAV and GPSS annunciations flash on unit display.	P	
	FAIL annunciation appears on unit display.	personal designation des	o Contract Contract Contract of the
2.6.11.2(d)	ROLL SERVO output from Tester is 0 ±0.10 VDC.	D	THE STATE OF STREET
0.0.40(-)	The full section of the section of t		
2.6.12(a)	The following occur in sequential order:	1-2	Agents in a gard
	ROLL SERVO SOL lamp is instantly extinguished on Tester. Audible alert sounds and RDY annunciation flashes on unit display, while all other annunciations are extinguished.	P	
	RDY annunciation stops flashing but remains on unit display.	P	
		Server of Land Server Server	And the Colombia of
2.7.1.1(c)	After 15 ±5 seconds, VS annunciation flashes on unit display.	14	The state of the state
2.7.1.1(d)	VS annunciation stops flashing but remains on unit display.	A	
		<u>}</u>	
2.7.1.2(a)	Each CW detent increases rate of climb by +1 (VS x 100) up to +16 (System 55/55X) or +30 (System 550 and 01192-()-70 and 01192-()-76), as displayed on unit.	P	Take to the secondary
2.7.1.2(e)	Each CCW detent increases rate of descent by -1 (VS x 100) up to -16 (System 55/55X) or -30 (System 550 and 01192-()-70 and 01192-()-76), as displayed on unit.	P	The state of the second
2.7.1.3(c)	-12 ±1 (VS x 100) annunciation appears on unit display.	-11	de communities was an accommunity
			malipote was a ma

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04108-TP-02 SECTION	REQUIREMENT	ACCEPT. RESULTS	REDUNT. RESULTS
2.7.1.3(e)	+12 ±1 (VS x 100) annunciation appears on unit display.	12	
		part intervent of a	The second of the second
2.7.1.3(f)	-12 ±1 (VS x 100) annunciation appears on unit display.	-11	The state of the s
		The second second	A CONTRACTOR
2.7.1.3(g)	+12 ±1 (VS x 100) annunciation appears on unit display.	12	
		Anger La moon -	11711 A THE A STREET
2.7.2.1(d)	PITCH SERVO DC VOLTS meter needle on Tester deflects DN (left from center 0).	P	No ser at a money
2.7.2.1(e)	PITCH SERVO output from Tester is following voltage:		
2.7.2.1(0)	Unit Rating PITCH SERVO Output	-,411	And an incompany is a second
	14 VDC 0 ±1.50 VDC	MATA TO THE TANK THE	
	28 VDC 0 ±3.00 VDC		
	26 VDC 0 13.00 VDC		
2.7.2.1(h)	PITCH SERVO DC VOLTS meter needle on Tester deflects UP (right from center 0).		A CONTRACTOR OF STATE OF
		The second second	MUNICONSTITUTE F
2.7.2.1(i)	PITCH SERVO output from Tester is following voltage:	209	THE BUS AND SWAD
	Unit Rating PITCH SERVO	Committee Contract Contract	THE COURSE STREET
	14 VDC 0 ±1.50 VDC		
	28 VDC 0 ±3.00 VDC		
0.7.0.0(.)		Responsible to the second	V. 11 2 11 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1
2.7.2.2(a)	PITCH SERVO DC VOLTS meter needle on Tester deflects UP (right from center 0), and then slowly decays back towards 0.	P	
		STATISTICAL A	AND DESCRIPTION OF THE PARTY IS NOT
2.7.2.2(d)	PITCH SERVO DC VOLTS meter needle on Tester deflects UP (right from center 0), and	A	AND DESCRIPTION AND ADDRESS.
	then slowly decays back towards 0.	Sept Homes Spares	Manager season of a section
2.7.3.1(h)	The following occur:		
2.7.0.1(11)	APR annunciation instantly appears on unit display.	10	to the same of the same
		T	
	2) GS annunciation appears on unit display after the following period.	- 8	a without the Control of the
	Unit Mod Code Period		
	Lower than AC/AC 10 ±0.50 seconds AC/AC or Higher 1 ±0.50 seconds		
	ACIAC Of Figure 1 E0.50 Seconds		
2.7.3.2(a)	UP-DN output from Tester is 7.5 mVDC ±7.50 (5% ±5% UP RADIO).	. 004	and account
(-/		75 10 15 15 15 15 15 15 15 15 15 15 15 15 15	To the Baggior to a grow he
2.7.3.2(d)	1) PITCH SERVO DC VOLTS meter on Tester deflects DN (left from center 0).	P	Prend pittle sesse
	2) GS annunciation flashes on unit display.	P	
		The same time of the	J. Stephen
2.7.3.2(e)	UP-DN output from Tester is -75.0 ±7.50 mVDC (50% ±5% DN RADIO).	- 74	4 Charmanage veels
2.7.3.2(f)	The following occur:		
	PITCH SERVO DC VOLTS meter needle on Tester deflects UP (right from center 0).	D	in the part of
	GS annunciation flashes on unit display.	N	-
		1	
2.7.3.2(g)	UP-DN output from tester is 75.0 ±7.50 mVDC (50% ±5% UP RADIO).	78	1.00
			The progress of the
2.7.3.3(a)	The following occur:		

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1) FAIL annunciation appears on unit dis 2) GS FLAG output on Tester is 200 ±20 The following occur: 1) GS annunciation stops flashing but ren 2) FAIL annunciation in extinguished. The following occur: 1) ALT and NAV annunciations appear o 2) APR and GS annunciations are exting The following occur:	mVDC. nains. n unit display.	P 203	
The following occur: 1) GS annunciation stops flashing but ren 2) FAIL annunciation in extinguished. The following occur: 1) ALT and NAV annunciations appear o 2) APR and GS annunciations are exting The following occur:	nains. n unit display.	203 P	
The following occur: APR and GS annunciations are exting The following occur: APR and GS annunciations are exting The following occur:	n unit display.	P	
The following occur: APR and GS annunciations are exting The following occur: APR and GS annunciations are exting The following occur:	n unit display.	Property of the second	
2) FAIL annunciation in extinguished. The following occur: 1) ALT and NAV annunciations appear o 2) APR and GS annunciations are exting The following occur:	n unit display.	P	Sharter to the major
The following occur: 1) ALT and NAV annunciations appear o 2) APR and GS annunciations are exting The following occur:		A part of the state of the stat	CANALLY TO THE PARTY OF
ALT and NAV annunciations appear o APR and GS annunciations are exting The following occur:			SECULAR TO MANAGE
ALT and NAV annunciations appear o APR and GS annunciations are exting The following occur:		English Company	
APR and GS annunciations are exting The following occur:		P	
The following occur:	uished on unit display.	P	
		THE RESERVE OF THE PARTY OF THE	The state of the s
			The American
		in .	
11) APR annunciation instantly appears of	n unit display.	P	
		. 8	
Unit Mod Code P	eriod	per un emplarabel solaridor s	territoria, contrata de la contrata del contrata de la contrata de la contrata del contrata de la contrata del contrata de la contrata de la contrata de la contrata de la contrata del contrata de la contrata del contrata de la contrata de la contrata del con
Lower than AC/AC 10			
AC/AC or higher 1	±0,50 seconds	r	
CS annunciation is extinguished on unit of	tienlav	P	New York States (1995-1995)
GS annunciation is extinguished on unit of	поркау.	pulm -c-anergo	on environment to reside
GS appunciation instantly appears on uni	t dienlav		Spring and Committee in one
GS annunciation instantly appears on uni	т чаргау.		and the state of the state
The following occur:		•	
The state of the s	av	D	rager constructions of the con-
DSBL annunciation on Tester's 01188 Annunciator.		P	
2) BOBE difficulties of Footer 5 of Footer	7 1110	A September of the second second	nor intercorpe
The following occur:	100		
	mains on unit display.	I P	S THE SALE OF THE PROPERTY OF THE PARTY OF
			-
2, 2022 dimension		Tiple some very process.	a sense print for the self.
PITCH STR SIG output is 0 ±0.005 VDC.		0	The property of the same
, , , o , o , o , o , o , o , o , o , o		Control State of Stat	7-4200 10 14-15
The following occur:		9	
	PITCH SERVO VOLTAGE shown in Table 2-14	Ray on Manager to Company	AND DESCRIPTION OF STREET
(System 55) or Table 2-15 (System 55X/5	550).	-16,7	
2) PITCH STR SIG output from Tester is	PITCH STEERING VOLTAGE shown in Table 2-	000	
16 (System 55), or either Table 2-17a or	Table 2-17b (System 55X/550).	, 798	अस्ति नाम स्थापना स्था
The state of the s	DITOU DEDVO VOLTAGE 1 - 1. T-N/2 0.44	Tradition and make the colorest control of agen	greater from a title little to
(System 55) or Table 2-15 (System 55X/5	550).	16,7	
PITCH STR SIG output from Tester is (System 55), or either Table 2-17a or	PITCH STEERING VOLTAGE shown in Table 2- Table 2-17b (System 55X/550).	-1,015	
	V3857	- A	Malana araba
PITCH SERVO DC VOLTS meter needle	on Tester deflects DN (left from center 0).	I C	
		1	E HAVE
PITCH SERVO DC VOLTS meter needle	on Tester deflects UP (right from center 0).	P	100
	1) APR annunciation instantly appears of 2) GS annunciation appears on unit disput the Lower than AC/AC 11/AC/AC or higher 1 1 GS annunciation is extinguished on unit of GS annunciation instantly appears on unit displays annunciation instantly appears on unit displays annunciation flashes on unit displays annunciation flashes on unit displays annunciation on Tester's 01188. The following occur: 1) GS annunciation stops flashing but received annunciation stops flashing but received annunciation is extinguished on PITCH STR SIG output is 0 ±0.005 VDC. The following occur: 1) PITCH SERVO output from Tester is 16 (System 55) or Table 2-15 (System 55X/82) PITCH STR SIG output from Tester is 16 (System 55) or Table 2-15 (System 55X/82) PITCH STR SIG output from Tester is 16 (System 55), or either Table 2-17a or 19 PITCH STR SIG output from Tester is 16 (System 55), or either Table 2-17a or 19 PITCH STR SIG output from Tester is 16 (System 55), or either Table 2-17a or 19 PITCH STR SIG output from Tester is 16 (System 55), or either Table 2-17a or 19 PITCH STR SIG output from Tester is 16 (System 55), or either Table 2-17a or 19 PITCH SERVO DC VOLTS meter needled the control of the property of the strength of the property of the p	1) APR annunciation instantly appears on unit display. 2) GS annunciation appears on unit display after the following period: Unit Mod Code Lower than AC/AC AC/AC or higher GS annunciation is extinguished on unit display. GS annunciation instantly appears on unit display. GS annunciation instantly appears on unit display. The following occur: 1) GS annunciation flashes on unit display. 2) DSBL annunciation on Tester's 01188 Annunciator. The following occur: 1) GS annunciation stops flashing but remains on unit display. 2) DSBL annunciation is extinguished on Tester's 01188 Annunciator. PITCH STR SIG output is 0 ±0.005 VDC. The following occur: 1) PITCH SERVO output from Tester is PITCH SERVO VOLTAGE shown in Table 2-14 (System 55) or Table 2-15 (System 55X/550).	1) APR annunciation instantly appears on unit display. 2) GS annunciation appears on unit display after the following period: Unit Mod Code Lower than AC/AC 10 ±0.50 seconds AC/AC or higher 1 ±0.50 seconds GS annunciation is extinguished on unit display. GS annunciation instantly appears on unit display. Fine following occur: 1) GS annunciation flashes on unit display. 2) DSBL annunciation on Tester's 01188 Annunciator. The following occur: 1) GS annunciation stops flashing but remains on unit display. 2) DSBL annunciation is extinguished on Tester's 01188 Annunciator. PITCH STR SIG output is 0 ±0.005 VDC. The following occur: 1) PITCH SERVO output from Tester is PITCH SERVO VOLTAGE shown in Table 2-14 (System 55) or Table 2-15 (System 55X/550). The following occur: 1) PITCH SERVO output from Tester is PITCH STEERING VOLTAGE shown in Table 2-16 (System 55) or either Table 2-17a or Table 2-17b (System 55X/550). The following occur: 1) PITCH SERVO output from Tester is PITCH SERVO VOLTAGE shown in Table 2-16 (System 55) or Table 2-15 (System 55X/550). The following occur: 1) PITCH SERVO output from Tester is PITCH SERVO VOLTAGE shown in Table 2-16 (System 55) or Table 2-15 (System 55X/550). PITCH SERVO output from Tester is PITCH SERVO VOLTAGE shown in Table 2-16 (System 55) or Table 2-17b (System 55X/550). PITCH SERVO DC VOLTS meter needle on Tester deflects DN (left from center 0).

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Use or discl	osure of information on this pa	age is subject to the rest	rictions on the titl	le page of thi	s docume	nt.

04108-TP-02 SECTION	REQUIREMENT	ACCEPT. RESULTS	REDUNT. RESULTS
2.7.5.2(a)	PITCH SERVO SOL lamp remains illuminated on Tester.	P	
, ,			77-7427/237/1172
2.7.5.2(b)	PITCH SERVO SOL lamp is extinguished on Tester.	P	
		The complete transfer of the complete of the c	the property of a property when the
2.7.5.3(a)	PITCH SERVO SOL lamp remains illuminated on Tester.	NA	a to move the control of
2.7.5.3(b)	PITCH SERVO SOL lamp remains illuminated on Tester.	E-Space view and the	20 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		le some serie	Japan Same Maring Line
2.7.6.1(c)	Unit display remains unchanged.		्रम् विकास स्टब्स्ट १ ८ कर
2.7.6.1(e)	Unit display remains unchanged.	Service and the service of the servi	a de la como persona de la propieda Apolica.
log-			opposition and company
2.7.6.2(b)	The following occur:		e accompany of the first
	1) Audible alert sounds for <2 seconds (System 55/55X) or 5 ±1 seconds (System 550).	PA	
	ROLL SERVO SOL and PITCH SERVO SOL lamps are extinguished on Tester.		
	3) TRIM SERVO SOL lamp is extinguished on Tester [01192-()-() T & TF units only].	3	September 1
2.7.6.2(c)	The following occur:		
	1) ROLL SERVO SOL and PITCH SERVO SOL lamps are illuminated on Tester.	Pa	
	2) TRIM SERVO SOL lamp is illuminated on Tester [01192-()-() T & TF units only].	P	
	CWS and VS annunciations appear on unit display.	P	
	4) 0 ±1 (VS x 100) annunciation appears on unit display.	0	
1.844		over the profession can't an	reamplement and
2.7.6.2(d)	Modifier knob 2 clicks. Unit's 1 Hz pulser is functional.	P	e or president for the
2.7.6.3(c)	RATE GYRO output from Tester is following voltage:	,901	Programme Programme And St.
		to a sure of the second	Ser Mar Assurance
2.7.6.3(f)	RATE GYRO output from Tester is following voltage:	942	d many removable?
2.7.6.4(b)	The following occur:		
2.7.0.1(0)	1) PITCH SERVO output from Tester is 0 ±5.0 VDC	-,3921	10.75.46.77
	2) 0 ±1 (VS x 100) annunciation appears on display.	0	
0.704/0	The following popular		
2.7.6.4(d)	The following occur: 1) PITCH SERVO output from Tester is 0 ±5.0 VDC.	-1.24	
:	2) 0 ±1 (VS x 100) annunciation appears on unit display.	-1:24	
		and the second s	· /ci + * c *
2.7.6.5(h)	The following occur:	loo, a de la para a	and the same
20 20 20 20 20 20 20 20 20 20 20 20 20 2	ROLL SERVO output from Tester is 0 ±5.0 VDC.	3:19	
	2) PITCH SERVO output from Tester is 0 ±5.0 VDC.	-1.18	
	3) 0 ±1 (VS x 100) annunciation appears on unit display.		Out Mother con
2.7.7.1.1(a)	After a slight delay, PITCH SERVO DC VOLTS meter needle on Tester deflects UP (right from center 0) for 1.8 ±0.30 seconds, and then returns to its quiescent state near center 0.	1.89	ANIA
2.7.7.1.1(b)	With no delay, PITCH SERVO DC VOLTS meter needle on Tester deflects DN (left from center 0) for 1.8 ±0.30 seconds, and then returns to its quiescent state near center 0.	N/A	profite of the attention
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04108-TP-02 SECTION	REQUIREMENT	ACCEPT. RESULTS	REDUNT. RESULTS
2.7.7.1.2(a)	With no delay, PITCH SERVO DC VOLTS meter needle on Tester deflects DN (left from center 0) for 2.9 ±0.40 seconds, and then returns to its quiescent state near center 0.	2.9	1 m. m. m. m.
	For Dash 78 deflects 2.0 ± 0.4 seconds	SCR Ser . Transport traperages	TO B CASH SHOULD THE
2.7.7.1.2(b)	With no delay, PITCH SERVO DC VOLTS meter needle deflects UP (left from center 0) for 2.9 ±0.40 seconds, and then returns to its quiescent state near center 0.	2.9	and a se present year a
	For Dash 78 deflects 2.0 ± 0.4 seconds	position de la com	Paristrach Vindowsky.
2.7.7.2(a)	With no delay, TRIM SERVO DC VOLTS meter needle on Tester deflects DN (left from center 0) for 6.0 ±1.0 seconds, and then returns to its quiescent state near center 0. Note: For 01192-()-() TF4, needle deflects DN for 2.5 ±1.0 seconds.	niA	
2.7.7.2(b)	With no delay, TRIM SERVO DC VOLTS meter needle on Tester deflects UP (right from center 0) for 6.0 ±1.0 seconds, and then returns to its quiescent state near center 0. Note: For 01192-()-()TF4, needle deflects UP for 2.5 ±1.0 seconds	Company of Supplier Company	entyrigatypi (E. Vergerge etc. William)
2.7.7.2(c)	Trim servo drives in the UP direction to saturation.	Saurana Danisana	an enclose of the second second
2.1.1.2(0)	Titili servo drives in the OP direction to saturation.		
2.7.7.2(d)	Trim servo immediately drives DOWN with no noticeable hesitation, then returns to full UP drive.	A. Capital D. Market	W. makes a green and a second
2.7.7.2(e)	Trim servo solenoid is still engaged	L	Promision to Police
		CASTALLE SET THE SECTION SET	SAME - AR MADE IN
2.7.8.1(b)	The following occur:		
	 After 3.0 ±0.50 seconds, TRIM ↑ annunciation appears on unit display and audible alert sounds. 	3	Control of the Contro
nan	2) After 7.0 ±1.0 seconds, TRIM ↑ annunciation flashes and audible alert ceases.	7	The Carl Makes to care as
2.7.8.1(c)	TRIM ↑ annunciation is extinguished on unit display.	D STATE OF THE PARTY OF THE PAR	d the fire existing and a
		The man to or the land	ira i stako karasay ana
2.7.8.1(d)	The following occur:	To addition and the property of all the second	Imper howhice coupy I may b
	1) After 3.0 ±0.50 seconds, TRIM \downarrow annunciation appears on unit display and audible alert sounds.	3	
	2) After 7.0 ±1.0 seconds, TRIM \downarrow annunciation flashes and audible alert ceases.	7	MENNY TO SELECT SHIP
2.7.8.1(e)	TRIM ↓ annunciation is extinguished on unit display.	P	A
	Note: 2.7.8.2 (a)(c)(d)(e)(f) only apply to 01192-()-() T & TF units.	e de la comunicación de la comun	Mills thereon species
2.7.8.2(a)	TRIM SERVO SOL lamp is illuminated on Tester.	P	The property was progress
2.7.8.2(c)	The following occur:		
	1) TRIM SERVO DC VOLTS meter needle on Tester slowly ramps UP (right from center 0).	P	TARREST BERT STATE OF THE PARTY
	 After 3.0 ±0.50 seconds (14 VDC units) or 2.0 ±0.50 seconds (28 VDC units), TRIM ↑ annunciation appears on unit display. 	2	100
	3) After 7.0 ±1.0 seconds, TRIM↑ annunciation flashes	7	
2000			

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04108-TP-02 SECTION	REQUIREMENT	ACCEPT. RESULTS	RESULTS
***	4) After 10 ±1.5 seconds, TRIM SERVO output from Tester reaches saturation voltage of		
	12 ±1.0 VDC (14 VDC units) or 25 ±2.0 VDC (28 VDC units).	25.7	
	Note: For 01192-()-()T3 units, use the following instead: After 2.2 ±.5 seconds, TRIM SERVO output from Tester reaches saturation voltage of	00 1	
	10 ±1.0 VDC (14 VDC units) or 22 ±2.0 VDC (28 VDC units).		
2.7.0.2(4)	The following occur:		
2.7.8.2(d)		Last of the contract of the co	g gyayarê dawah sirên sejên jirên
	1) TRIM ↑ annunciation is extinguished on unit display.	P	
	TRIM SERVO DC VOLTS meter needle on Tester returns to its quiescent state near center 0.	P	On Sauce V. Andrews
2.7.8.2(e)	The following occur:		
2.1.0.2(8)	TRIM SERVO DC VOLTS meter needle on Tester slowly ramps DN (left from center 0).		STATE OF THE RESIDENCE
	The state of the s	P _	
	2) After 3.0 \pm 0.50 seconds (14 VDC units) or 2.0 \pm 0.50 seconds (28 VDC units), TRIM \downarrow annunciation appears on unit display.	2	
	 After 7.0 ±1.0 seconds, TRIM↓ annunciation flashes. 	7	
	4) After 10 ±1.5 seconds, TRIM SERVO output from Tester reaches saturation voltage of - 12 ±1.0 VDC (14 VDC units) or -25 ±2.0 VDC (28 VDC units).		
	Note: For 01192-()-()T3 units, use the following instead:	-25.7	
	After 2.2 ±.5 seconds, TRIM SERVO output from Tester reaches saturation voltage of -10 ±1.0 VDC (14 VDC units) or -22 ±2.0 VDC (28 VDC units).	- as. 1	
0.7.0.0/0	The fell of the second		C PARK TO THE
2.7.8.2(f)	The following occur:	An american property	A ACMEDICACION DE LA CARRA CA
	1) TRIM ↓ annunciation is extinguished on unit display.	r	
	 TRIM SERVO DC VOLTS meter needle on Tester returns to its quiescent state near center 0. 	P	a contratacher (2 M
(D)	Note: 2.7.8.3 (c)(d)(e)(f)(i)(j) only apply to 01192-()-() T & TF units.	9	
2.7.8.3(c)	The following occur:		معود سر ۱۰۰۰ میدور
	1) TRIM SERVO DC VOLTS meter needle on Tester deflects UP (right from center 0).	P	
	2) TRIM SERVO SOL lamp is illuminated on Tester.	D	
	Note: Not applicable to 01192-()-() T2 & T3 units.		
	3) TRIM annunciation flashes on unit display. Note: Not applicable to 01192-()-() T2 & T3 units.	P	
	4) TRIM SERVO output from Tester is 12 ±1.0 VDC (14 VDC units) or 25 ±2.0 VDC (28		
	VDC units)	25.7	e conse avi varionist
2.7.8.3(d)	The following occur:	ģ	
\-/	TRIM SERVO DC VOLTS meter needle on Tester returns to its quiescent state near center 0.	P	
	2) TRIM SERVO SOL lamp is extinguished on Tester.	P	
	TRIM annunciation is extinguished on unit display.	0	
	4) TRIM SERVO output from Tester is 0 ±1.0 VDC.	0	e servicine selection age
2.7.8.3(e)	The following occur:		
	TRIM SERVO DC VOLTS meter needle on Tester deflects DN (left from center 0).	School State Contract	- Companies Thompsonies
	2) TRIM SERVO SOL lamp is illuminated on Tester.	^	
	Note: Not applicable to 01192-()-() T2 & T3 units.	1	

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	losure of information on this pa				1	_

04108-TP-02 SECTION	REQUIREMENT	ACCEPT. RESULTS	REDUNT. RESULTS
	TRIM annunciation flashes on unit display. Note: Not applicable to 01192-()-() T2 & T3 units.	P	
	4) TRIM SERVO output from Tester is -12 ±1.0 VDC (14 VDC units) or -25 ±2.0 VDC (28 VDC units).	-25.7	
2.7.8.3(f)	The following occur:		230 PD 84 - 12 S
<u> </u>	TRIM SERVO DC VOLTS meter needle on Tester returns to its quiescent state near center 0.	1	**************************************
	TRIM SERVO SOL lamp is extinguished on Tester.	PA	
	TRIM annunciation is extinguished on unit display.	10	
	4) TRIM SERVO output from Tester is 0 ±1.0 VDC.	0	
2.7.8.3(i)	The following occur:	2	
	Audible alert sounds, while RDY and TRIM annunciations flash on unit display. Note: Not applicable to 01192-()-() T2 & T3 units.	P	agen in the second second
	 After 5 ±1 seconds, audible alert ceases and RDY annunciation stops flashing but remains. 	P	
	TRIM annunciation continues flashing on unit display.		
	Note: Not applicable to 01192-()-() T2 & T3 units.	Pa	
	4) All other annunciations are extinguished on unit display.		
	5) ROLL SERVO SOL and PITCH SERVO SOL lamps are extinguished on Tester.	13	
2.7.8.3(j)	The following occur:	6	
2.7.0.5(j)	TRIM SERVO SOL lamp is extinguished on Tester.	0	reconstant of amounts
	TRIM annunciation is extinguished on unit display.	PI	
		and a region	Post-college (Antidities
2.7.8.3(k)	The following occur:	The state of the s	word, onclosed ((qqayma))
	TRIM SERVO DC VOLTS meter needle on Tester remains at the zero reading, and TRIM SERVO SOL lamp remains off.	P	
2.7.9(d)	The following occur:		
	ALT and VS annunciations simultaneously appear on unit display.	p	, marakini majihasahi Marasi salip
- 1000-0-0	Vertical speed annunciation (VS x 100) does not appear on unit display.	1	
2.7.9(e)	PITCH SERVO DC VOLTS meter needle on Tester deflects UP (right from center 0).	P	July Bolton Branch
2.7.9(f)	PITCH SERVO DC VOLTS meter needle on Tester deflects DN (left from center 0).	ρ	and a sound of control of
2.7.9(g)	VS annunciation is extinguished on unit display.	P	
2.7.9(h)	PITCH SERVO DC VOLTS meter needle on Tester deflects UP (right from center 0).	Part and a	ENDERFORMATION A
	The second of reach delicated (fight from center 0).	And a second second	en e en es exemp
2.7.9(j)	PITCH SERVO DC VOLTS meter needle on Tester deflects DN (left from center 0).	P	
2.7.9(1)	The following occur:		
	1) VS annunciation appears on unit display.	A	a principal ten south army
	2) 0 ±1 (VS x 100) annunciation appears on unit display.	0	

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	osure of information on this pa	ge is subject to the res	trictions on the titl	e page of this	docume	nt.

04108-TP-02 SECTION	REQUIREMENT	ACCEPT. RESULTS	REDUNT. RESULTS
	ALT annunciation is extinguished on unit display.	Δ	
	Note: Steps q, r and v only apply to units with mod code AC/AC or higher.	1	
			7
2.7.9(q)	The following occur in sequential order on Altitude Selector/Alerter display:	1. a Mark - 1. and	s early sold group a more
	All numerical segments appear as shown in Fig. 2-3a.	P	
	Only middle numerical segments appear as shown in Fig. 2-3b.	a manage district	
2.7.9(r)	10,000 (ft of altitude) appears on Altitude Selector/Alerter display.	P	and the manuscriptories in
		See	- Chinaga on the State Source
2.7.9(v)	The following occur:	Α.	1 Sag 10 Sec. 27 47 8000
	Only middle numeric segments appear on Altitude Selector/Alerter display.	P	
	ALT annunciation is extinguished on unit display.	TP	



Fig. 2-3a. Self-Test Annunciations

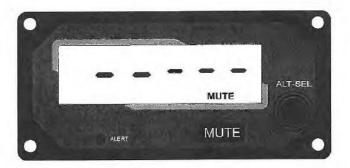


Fig. 2-3b. Post Self-Test Annunciations

Fig. 2-3. Altitude Selector/Alerter Annunciations

2.7.10(a)	The following occur:	Laborate Same and	men in many charles in
	1) ROLL SERVO SOL and PITCH SERVO SOL lamps are instantly extinguished on Tester.		
	 TRIM SERVO SOL lamp is instantly extinguished on Tester [01192-()-() T & TF units only]. 		
	 Audible alert sounds and RDY annunciation flashes on unit displays for 5 ±1 seconds, while all other annunciations are extinguished. 		
	4) RDY annunciation stops flashing but remains on unit display.		

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REQUIREMENT	1 7 7 7 7		REDUNT. RESULTS
ROLL SERVO output from Tester remains at 0 ±2.0 VDC.	-1	100 J	-1.136
PITCH SERVO output from Tester remains at 0 ±2.0 VDC.	I James and	189	ocustion up to we
The Following occur:	in this org	N. MARKET	THE THE PERSON
1) Label 270 is transmitted from the Autopilot Computer. (SW 7 and higher only)	1	/A	
2) Label 270 SSM is 11. (SW 7 and higher only)	350,000 100 100		The said of Springer Party Springer
Label 270 value changes momentarily with each detent then returns to previous value. (SW 7 and higher only			
	2 10 10 12		
Label 270 value changes momentarily with each detent then returns to previous value. (SW 7 and higher only)			
	ROLL SERVO output from Tester remains at 0 ±2.0 VDC. PITCH SERVO output from Tester remains at 0 ±2.0 VDC. The Following occur: 1) Label 270 is transmitted from the Autopilot Computer. (SW 7 and higher only) 2) Label 270 SSM is 11. (SW 7 and higher only) Label 270 value changes momentarily with each detent then returns to previous value. (SW 7 and higher only) Label 270 value changes momentarily with each detent then returns to previous value. (SW	REQUIREMENT ROLL SERVO output from Tester remains at 0 ±2.0 VDC. PITCH SERVO output from Tester remains at 0 ±2.0 VDC. The Following occur: 1) Label 270 is transmitted from the Autopilot Computer. (SW 7 and higher only) 2) Label 270 SSM is 11. (SW 7 and higher only) Label 270 value changes momentarily with each detent then returns to previous value. (SW 7 and higher only) Label 270 value changes momentarily with each detent then returns to previous value. (SW 7 and higher only)	ROLL SERVO output from Tester remains at 0 ±2.0 VDC. PITCH SERVO output from Tester remains at 0 ±2.0 VDC. The Following occur: 1) Label 270 is transmitted from the Autopilot Computer. (SW 7 and higher only) 2) Label 270 SSM is 11. (SW 7 and higher only) Label 270 value changes momentarily with each detent then returns to previous value. (SW 7 and higher only) Label 270 value changes momentarily with each detent then returns to previous value. (SW