GENERAL & ELECTRIC PRICE											
	TITLE	THE CO ELECT	TRIC	P3K-AL-0243							
\-AL-0243	CIRCU	IT BOARD TEST - IC (CONT ON SHEET 2 ST							
, <u>st</u> 2 sh i	NO. 1 FIRST MA	DE EUB	OP AMP								
		oc rok									
I. GENERAL	•										
This te	st instruction i	s to be used for tes									
	0.	to be used for tes	ting: 125D	3638G1 thru G9							
Refer to board	Table 1 for the	specific data need	125D	57 2 8G1 thru G3							
TT		-pectific data need	ed to test e	ach circuit							
II. <u>EQUIPMEN</u>	T NEEDED (or equ	ivalent)									
A. + 30t	/DC Porter o			1							
		OTIZA									
D. 2 Acr	ans Vol-	SD 70054									
		HD ノウラム	18	,							
	Wave Oscillator	TEK 5103N HP 3310A		5788 61							
III. PROCEDURE		J J J VEL		1250578861 RIGOK RE(250)							
1. Connec	t an in-			RISOK (25.11)							
resist	or RF from Pin 2	tor RI to Pin 27 cor 7 to Pin 41.	nect a sout	hack RL(2r)							
Connect	· a 1aa3	7 to Pin 41.	meer a teed	back							
2 4 -	- a load resistor	RLAfrom Pin 41 to	Pin 10								
Connect a load resistor RL ofrom Pin 41 to Pin 19. 2. Apply +30 VDC to Pin 17. Apply -22 VDC to Pin 21. Connect common to Pin 21.											
Connect	common to Pin 21	•		***							
3. <u>Initial</u>	Adjust	•		<u> </u>							
For 125D	3638 G-1, 2, 5, 5788 G-1, & 2 on	6,8 & 9 on 1 v									
A Committee of the Comm		~ <i>Z_</i> •	19	To corr							
, combi	nation committee	In is the paraller	701	To co							
and t	the junction of p	th is the parallel room of the sure of the	esistance this Park.								
to R9		and R12. Apply	red locking	Ween TPI1							
ror 1	25D3638 ca 🗸	or TPI	RTI	/ /							
/ 12	25D5788 G3 only	only;	50	273-							
Tempor	arily install	100		273- 273- 273-							
V R9 for	Rz which is the	10K pot in the posi- parallel resistance e this Rz between TR	tion for R3.	273-;							
of R12	and R10 A-1	parallel resistance this Rz between TF red locking solution	combinatio	n of 273-2							
7	whith	red locking solution	n to R9.	Junctibn 273-1							
			•	273-1							
Pot,-	V 6011AAXPODI	10	/	273-2							
Feb. 17, 1976	APPROVALS		•	273-7							
8 1 7 1976		Turbine DIV	or par	errent;							
9.	Scher	estady, N.Y. LOCATE		H 2 5 H							
	A	44	* 25 11.75 NOTE								

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·	P3K-AL-0243		
REV. NO.	TITLE	CONT ON SHEET 4	SH NO.
P3K-AL-0243	CIRCUIT BOARD TEST - IC OP AMP		
CONT ON SHEET 4 SH NO. 3	FIRST MADE FOR		

h) (Cont'd.) output of the oscillator. Connect a 2nd AC-RMS voltmeter to TP2 of the board.

- i) Adjust the amplitude of the signal out of the oscillator to Va. AC-RMS. Refer To TABEL I VA
- j) Adjust the frequency of the signal out of the oscillator for 3.500V AC-RMS at TP2 of the card.
- k) Repeat steps 9 and 10 until all conditions are met. the frequency of the oscillator. It should be equal to FRC + - 20%. If this won to come in sec
- Test complete.

GROW 2 1800 = 11 % = 350 FCC = 2/60 To 100 1 - - 10 2821 April 12 5-15-16 Work 5,575 Me)

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D. Mone APPROVALS Feb. 17, 1976 DIV OR Steam Turbine P3K-AL-1 FEB 11 7 1976 Schenectady, N.Y. LOCATION CONT ON SHE

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.:	P3K-AL-0243 . CIRCUIT BOARD TEST - TC OP AND											5	SH N	10. 4						
		CONT ON SUSSES 5																		
	+	VB	+ 2.00	100 00		1.00		10.00	+ 1.00	+ 2.00		+ 2.00	+10.00	+ 1.00			9	·		REVIS
-	+	VA	+ 1.00	00 5 +			+ 1.00	+ 5.00	+ .500	+ 1.00		+ 1.00	+ 5.00	+ .500		1200	100	i.		
		FRC	200	200	200	200	200	200	200	200	200	1800	1800	2300		See Note				
		RZ	NA	NA	NA	45K	45K	500K	45K	45K	. 500K	45K	500K	45K		*	•			
	>	RL	3K	3K	2K	2K	2K	2K	2K	2K	2K	2K	2K	2K	87	TABLE 1				
		RF	250K	500K	500K	500K	250K	l meg	500K	250K	î meg	250K &	1 meg	500K			Ti			
+		RI	50K	500K	50K	50K	50K	. 1 meg	50K	50K	1 meg	50K &	l meg	5 OK		-	<u> </u>	*************************************		
		DRAWING NUMBER	125D3638 G1	62	63	75	G5	95	G7	89	69	125D5788 G1	. G2	63	-		-			
	-	Mone		. 17	, 197 i37 5	6		APPROVAL	.s			rbin			DIV OR	P3K-A	L-024	3	IPR	INTS I
	F#.	-BO3-WA (i	4-73)		101 0			Schenectady, N.Y. LOCATION CONT ON SHEET						:E*						
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