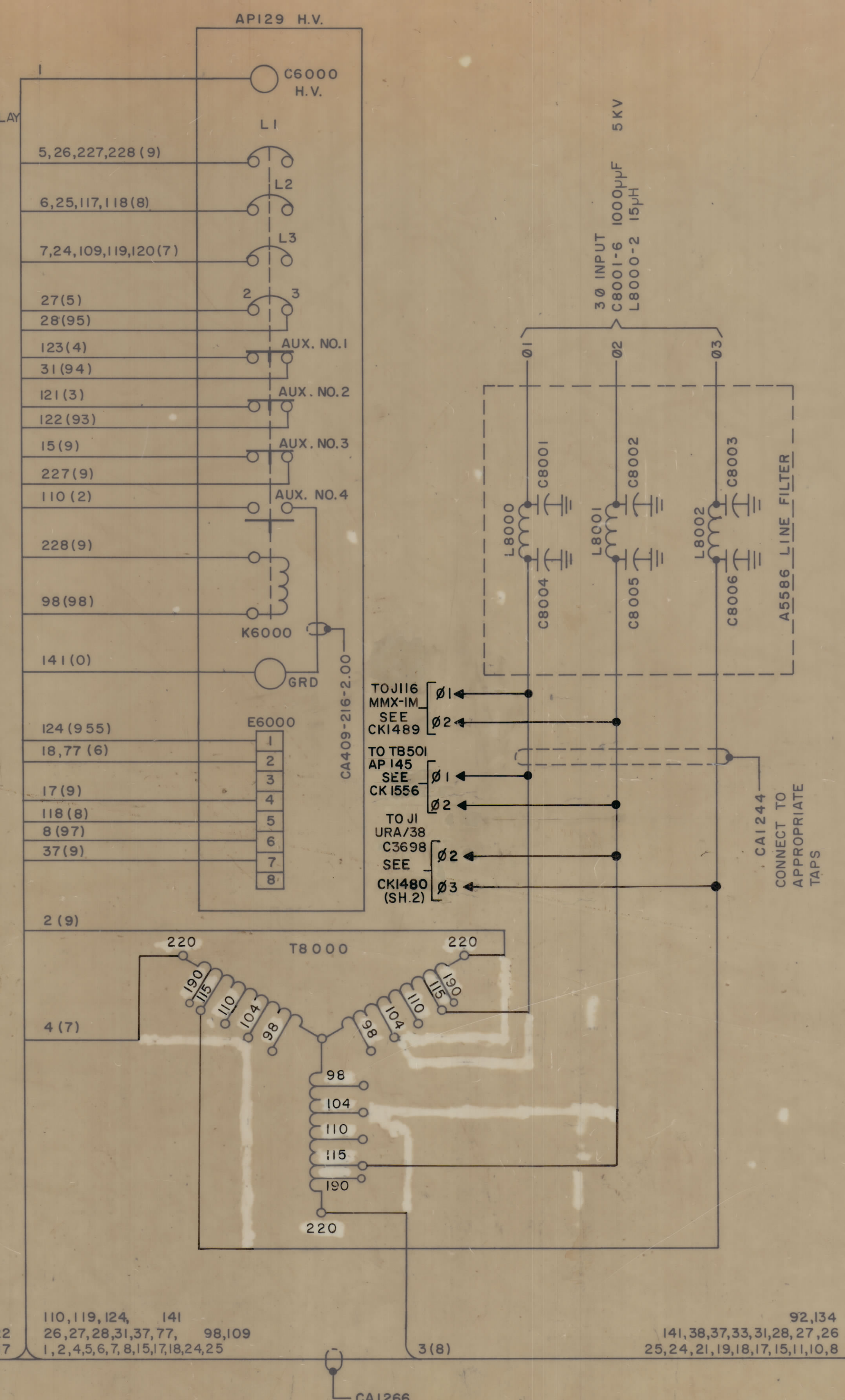


REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
X		EXP. RELEASE	1.26.68			
XI		REV. & UPDATED	3.7.68			
B		ORIG. RELEASE FOR PRODUCTION	3.7.68			
A		TLA(D)-2.5K WAS TLA(A)-2.5K	6.28.68	18930		
B		Ø 1 & Ø 2 CONN. ADDED AP 145 ADDED TO TB 501	10.7.68	19060		FB

J8001	FUNCTION
A	Ø 3 TO TCSA
B	Ø 3 TO TLAD
C	Ø 2 TO TLAD AND TCSA
D	Ø 2 TO SWCA
E	Ø 3 TO SWCA
F	60VDC OR 24 VDC METER RELAY
G	26VDC TO SWCA
H	SERVO ON
J	SERVO MANUAL
K	BAND SW CONT. WAFER
L	TUNE SW
M	OVLD RESET
N	OVLD IND.
P	
Q	
R	
S	
T	OVLD LINE BAND 1-9
U	
V	
W	
X	
Y	CARRIER ON CONT.
Z	READY IND.
a	AUX. CONT. TO TCSA
b	AUX. CONT. TO TCSA
c	TUNE CONTACT CLOSED
d	TUNE-OPER CONTACT COM.
e	OPER CONTACT CLOSED
f	
g	
h	
i	
j	
k	EXC. CHAN 1-8
l	
m	
n	
p	ANT. SW 1
r	ANT. SW 2
s	ANT. 1 IND
t	ANT. 2 IND
u	26 VDC ANT SW
v	FAULT IND.
w	METER RELAY CONT.
x	FWD. PWR
y	
z	REFL. PWR
2	
3	GRD
4	ALDC DISABLE
5	ANT SW DISABLE
6	LOAD SW
10, 235 (1)	1 *****
33, 229 (96)	2 SEE NOTE NO. 2
74 (6)	3
204 (93)	4
207 (96)	5
126, 208 (6)	6 SEE NOTE NO. 1
123, 230 (4)	7
125 (5)	8 *****
71 (944)	9
232 (926)	10
231 (5)	E8007



P8001-J5000	J5001-P8002
8 (97)	41 (7)
9,10 (1)	42,75 (9)
11 (97)	43 (1)
12 (2)	44 (2)
13 (3)	45 (3)
14 (4)	46 (4)
141 (0)	47 (4)
15 (9)	48 (5)
16 (5)	49 (6)
17 (9)	50 (5)
18 (6)	51 (91)
19 (91)	52 (92)
20, 21 (92)	53 (93)
22 (93)	54 (94)
23 (4)	55 (1)
24 (7)	57, 56 (91)
25 (8)	58 (2)
26 (9)	59, 60 (92)
27 (5)	61 (95)
28 (95)	142 (0)
29 (7)	62 (96)
30, 31 (94)	63 (90)
32 (95)	64 (916)
33 (96)	65 (917)
34 (0)	66 (918)
35 (90)	67 (5)
36 (913)	68 (922)
37 (9)	69 (925)
38, 39 (914)	70 (912)
40 (915)	71 (944)
92, 134 (3)	72 (932)
	73 (942)
	74 (6)

- NOTES:
- MANUAL TRANSMITTER DS8000 IS H.V. ON IND. IT. 231 CONNECTED TO E8007-7 SERVO TUNED TRANSMITTER DS8000 IS READY IND IT. 231 CONN TO E8007-8
 - IT 153 CONN TO E8007-1 FOR LOCAL OR SHORT WIRE REMOTE OPERATION. CONN TO E8007-4 WHEN USING LRCA.
 - ADD JUMPER FOR MANUAL TRANSMITTER ONLY.

WIRE COLOR CODE

WIRE IDENTIFICATION NUMBER	COLOR CODE
167	(942)

TO SHEET 3

235, 232, 217	CA409-32-2.00
209, 208, 207, 204, 203	233, 234, 236
189, 170, 169, 168, 167, 166	116, 117, 120, 121, 122, 123, 126, 149, 229, 230, 231
165, 164, 163, 162, 161, 160	102, 103, 104, 105, 106, 107, 108, 113, 114, 115
159, 158, 157, 156, 155, 154	10, 11, 21, 33, 38, 67, 70, 71, 74, 81, 84, 96, 100, 101

110, 119, 124, 141	92, 134
26, 27, 28, 31, 37, 77, 98, 109	141, 38, 37, 33, 31, 28, 27, 26
1, 2, 4, 5, 6, 7, 8, 15, 17, 18, 24, 25	25, 24, 21, 19, 18, 17, 15, 11, 10, 8

QTY / UNIT	RAK 110-2 J3	MODEL USED ON	ASS'Y NO.
APPLICATION			
CODE			

QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
F. BUDETTI LIST OF MATERIAL				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES				
TOLERANCES ON				
DECIMALS		FRACTIONS		
.X ± .05		± 1/64		
.XX ± .01		ANGLES		
.XXX ± .005		± 0° - 30'		
MATERIAL				
FINISH				
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
DIAGRAM, WIRING				
SIZE		CODE IDENT. NO.		ISSUE
D 82679		CK 14.70		B
SCALE SHEET 2 OF 3				

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