[redacted]

PROJECT E-80 STATOTHR

Data Format and Pin Assignments to [redacted] I/O Connector

	STATOTHR [redacted] Bit No.	Plotter Bit Identification	Signal Voltage Binary ONE or ZERO	4 May 64 [redacted] 104 Connector Pin Assignment	STATOTHR
				Signal	Signal Return
Y DATA	0	.005"	1	A	E
	1	.010"	1	B	F
	2	.020"	1	C	H
	3	.040"	1	D	J
	4	.080"	1	K	P
	5	.160"	1	L	R
	6	.320"	1	M	S
	7	.640"	1	N	T
	8	1.280"	1	U	Y
	9	2.560"	1	V	Z
Y SIGN	10	PLUS	0	W	a
X DATA	11	.005"	1	X	b
	12	.010"	1	e	h
	13	.020"	1	d	i
	14	.040"	1	f	j
	15	.080"	1	g	k
	16	.160"	1	m	r
	17	.320"	1	n	s
	18	.640"	1	p	t
	19	1.280"	1	q	u
	20	2.560"	1	r	Z
X SIGN	21	PLUS	0	w	AA
SPECIAL FUNCTIONS F1	22	Automatic Slowdown	1	x	AB
F2	23	Pen Up	1	y	AC
F3	24	Pen Down	1	AD	AJ
F4	25	Print	1	AE	AK
F5	26	These lines are		AF	AL
F6	27	coded as per		AH	AM
F7	28	CODED FUNCTIONS		AN	AT
F8	29	diagram below		AP	AU
OUTPUT ACKNOW-LEDGE				BU	BY
OUTPUT DATA REQUEST				BT	Bx

STATOTHR

CODED FUNCTIONS

PLOTTER IDENTIFICATIONS	F8	F7	F6	F5
60-inch PAPER FEED	0	0	0	1
30-inch PAPER FEED	0	0	1	0
FULL SPEED PROCESSING	0	0	1	1
3/4 SPEED PROCESSING	0	1	0	0
1/2 SPEED PROCESSING	0	1	0	1
1/4 SPEED PROCESSING	0	1	1	0
RESET TO ZERO	0	1	1	1

Note: Binary ONE is zero volts with respect to signal return.

Binary ZERO is -3 volts with respect to signal return.

[redacted] 4-15-64 BU00021