REVISIONS						
E.M.N.NO	DRAFT	CHKD	ZONE	LTR	DESCRIPTION	DATE	APPROVED
				X1	REVISED (PROGRAM REMOTE SECTION)		
	GDL			X2	UPDATED	3-1-77	
				Ø	ORIGINAL RELEASE FOR PRODUCTION	1-13-78	

AC STRIP

TOP FANS

PANEL FANS AX 5210

220V AC

AC CKT BKR PANEL

AC

S201

SME P104-A

SME P104-C

EXT INTLK

INTERFACE

TB201

USB

GND

LSB

GND

KEY

FSK

CONT

GND

PTT

EXT INTLK

SME TB1-1

SME TB1-3

SME TB1-7

SME TB1-9

SME TB1-8

SME TB3-2

SME TB2-5

SME TB-6

SME TB2-1

SME TB3-7

SME TB3-8

TMA TB101-18

INTFC J203-g

GND

TB202

9

10

REMOTE CONTROL INPUT

J204 AC IN

TO PROGRAM SITE

J203

P110

SME TB103-7

SME J119-A

SME J119-B

SME J119-L

SME J119-D

SME J119-N

SME J119-Z

TMA TB101-3

HFL TB101-13

INTFC TB201-17

AX5190 TB103

AX5190 TB101

AX5190 TB101

AX5190 TB101

AX5190 TB101

AX5190 TB103

AX5190 TB103

AX5190 TB103

AX5190 TB103

A B C D E F G H J K L M N P R S T U V W X Z a b c d e f g h j k l m n p

SME-5C

TBI

INTFC TB201-1

INTFC TB201-3

RF SW TB101-10

RF SW TB101-6

RF SW TB101-8

INTFC TB201-5

INTFC TB201-7

INTFC TB201-13

INTFC TB201-10

INTFC TB201-11

INTFC TB201-9

HFL-100 TB101-14

INTFC J203-A INTFC TB201-15

RF SW TB101-14

INTFC TB201-16

P104

S301-4

GND

S301-2

P113

TMA P112

J14 AC IN

J127 ALDC IN

1 2 3 4 5 6 7 8 9

LI

DYNAMIC MIC

CARBON MIC

GND

L2

TB2

KEYED GND

GND

20 OR 60MA

GND

TB3

CW KEY

GND

REC

COM

PTT

GND

J128 RF OUT

P111

HFL-100 J101

P115

J119

AME/ SSB CHAN 2 CHAN 3 CHAN 4

AME

SSB

LSB LI

USB LI

COM

J120

CHAN 1 CHAN 2 CHAN 3 CHAN 4

A B C D E F G H J K L M N P R S T U V W Z

INTFC J203-C

INTFC J203-D

INTFC J203-E

INTFC J203-F

INTFC J203-M

INTFC J203-P

INTFC J203-R

INTFC J203-b

HFL-100 E102-11

HFL-100 E102-10

HFL-100 E102-9

HFL-100 E102-8

HFL-100C

SME J128

J128

J101 RF IN

J103 RF OUT

P111

TMA-IK J103

J102 DC CONTROL

E102

TB101

TMA-IK TB101-2

TMA-IK TB101-8

TMA-IK TB101-10

TMA-IK E101-11

SME J120-E TMA-IK E101-12

SME J120-D TMA-IK E101-13

SME J120-C TMA-IK E101-14

SME J120-B

INTFC J203-f

SME-5 TB3-4

TMA-IK E101-18

TMA-IK TB101-16

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

STAND BY OVLD

OVLD TRIP

CHAN 4

CHAN 3

CHAN 2

CHAN 1

STAND BY

HV TD

HVTD

P110 TO AC STRIP

TMA-IKC

HFL-100 P111

P109

J103 RF IN

J104 ALDC OUT

P112

SME-5 P113

E101

TB101

HFL-100 TB101-2

INTFC J203-C

RF SW TB101-14 *

HFL-100 TB101-5

HFL-100 TB101-7

RF SW TB101-4 *

HFL-100 TB101-8 RF SW TB101-3 *

HFL-100 TB101-9 RF SW TB101-2 *

HFL-100 TB101-10 RF SW TB101-1 *

HFL-100 TB101-11

HFL-100 TB101-16

RF SW TB101-12 *

HFL-100 TB101-15

INTFC TB201-17

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

STAND BY OVLD

REMOTE R.F. IND

PTT

HFL OVLD

REMOTE HV RDBK

CHAN 4

CHAN 3

CHAN 2

CHAN 1

HV T.D

+24V OUT

REMOTE INTLK

J101 AC IN

J105 RF OUT

AX5212 J101

S301-2

GND

S301-4

Y W X

TO AC STRIP

P206

INTFC J203-b

INTFC J203-f

INTFC J203-C

INTFC J203-A

INTFC J203-g

INTFC J203-R

INTFC J203-C

INTFC J203-D

INTFC J203-E

INTFC J203-F

TB103

COM

HV ON RDBK

RF PWR

PTT

HV ON

TB101

LSB LI

USB LI

LSB RDBK

USB RDBK

RCVR SIG

AME/ SSB

CHAN 2

CHAN 3

CHAN 4

CK2146

DECODER (AX5190)

SME-5 TB3-7

TMA TB101-4

TMA TB101-17

SME-5 TB1-4

SHIELD

SME-5 TB1-5

TMA J105

TB101

14 13 12 11 10 9 8 7 6 5 4 3 2 1

PTT

+24V IN

DYNAMIC MIKE

GND

CARBON MIKE

CHAN 4

CHAN 3

CHAN 2

CHAN 1

J101 RF IN

J102 ANT1

J103 ANT2

J104 ANT3

J105 ANT4

RF SWITCHING (AX5212)

NOTES

* - THIS SYMBOL DENOTES NEW CABLE HARNESS

QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
			LIST OF MATERIAL	

FINAL APPROVAL	CODE	DATE 12/1/77
MECH. DES.		DATE
ELECT. DES.		DATE
CHECKED		DATE
DRAWN	GDL	DATE 12-20-76

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

TOLERANCES ON

DECIMALS .X ± .05 .XX ± .01 .XXX ± .005

FRACTIONS ± 1/64

ANGLES ± 0° -30'

MATERIAL

FINISH

QTY / UNIT	MODEL USED ON	ASS'Y NO.
1	GPTR-IKC	~

APPLICATION CODE

NOTICE TO PERSONS RECEIVING THIS DRAWING

THE TECHNICAL MATERIEL CORPORATION claims proprietary right in the material disclosed hereon. This drawing is issued in confidence for engineering information only and may not be reproduced or used to manufacture anything shown hereon without permission from THE TECHNICAL MATERIEL CORPORATION to the user. This drawing is loaned for mutual assistance and is subject to recall at any time.

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

INTERCONNECT WIRING DIAGRAM

SIZE	CODE IDENT NO.	DWG NO.	ISSUE
D	82679	CK 2135	Ø

SCALE SHEET OF

BRUNING 40-22

N9907