

PRELIMINARY

# MATERIAL LIST

FINAL

TOTAL SHEETS 14

FOR

REVISION

TMC MODEL - AX5114-2

TITLE- PWR AMPL SECT

REV.	SHEET (S)	DATE	APPR.
X6			TC
Ø		4/21/72	EG
A	4, 10, 11	6/2/72	EG

USED ON  
MODEL -  
HFLM-10K

CONSISTS OF  
SUPPORTING LISTS

- A-4819
- A-4820
- A-4830
- A-4831
- A-4856
- AF110
- AS145
- AX5095-2

LAST SYMBOLS    SYMBOLS NOT USED

REFER TO PAGE 14 FOR LAST AND  
SYMBOLS NOT USED

COMPILED B. N.  
 CHECKED \_\_\_\_\_  
 ENG APPR [Signature]  
 FNL APPR [Signature]  
 ISS DATE \_\_\_\_\_

ENGINEERING JOB NUMBER  
# E \_\_\_\_\_

§ FOR SPECIAL NOTES,  
REFER TO S1200.

# MATERIAL LIST

AX5114-2  
REV. A

PAGE 1 OF

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
A-4819	MOT ASY, LOAD	BMA422-2	1	1*		1
A-4820	MOT ASY, TUNE	BMA421	1	1*		1
A-4830	BD ASY, PC	BMA421	1	1*	A702A1	1
A-4831	BD ASY, PC	BMA422-2	1	1*	A703A1	1
A-4856	ASY, ALDC CKT	AX5114-2	1	1*	A707	1
AF110	FIL ASY, HARM	AX5114-2 AX5114-2	1	1*	A706	1 50
AS145	BANDSW ASY	AX5114-2	1	1*	A704	1
AX707	CONT, FEED THRU	BMA437-2 BMA437-2	1 1	2*	E703 E704	
AX743-2	SOC ASSY, TUBE	BMA437-2	1	1*		
AX5095-2	REMOTE PWR ASY	AX5114-2	1	1*	A705	1
BB106-1	BEARING, THRUST	BMA422-2	2	2*		
BB126-16	BRG, BALL	PM1400	1	1*		
BMA421	CAP., ASY, TUNE	AX5114-2	1	1*	A702	
BMA422-2	CAP., ASY, LOAD	AX5114-2	1	1*	A703	
BMA437-2	TUBE COMP ASY	AX5114-2	1	1*		
CA409-144-2.00	CBL ASY, JUMPER	AX5114-2 AX5114-2 AX5114-2	1 1 1	3*	W702 W703 W704	

# MATERIAL LIST

AX5114-2  
REV. A

PAGE 2 OF

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
CA409-144-3.00	CBL, ASY, JUMPER	AX5114-2	1	1*	W705	
CA1517	WRG HARN, BRCHD	BMA421	1	1*	A702W1	
CA1566	CBL, RF, COUP	AX5114-2	1	1*	W701	
CA1570	WRG HARN, BRCHD	BMA422-2	1	1*	A703W1	
CB147	CAP., VAR, VAC	BMA422-2	1	1*	A703C1	
CB176	CAP., VAR, VAC	BMA421	1	1*	A702C1	
CC100-16	CAP., FXD, CER	BMA422-2	1	1*	A703C3	
CC100-28	CAP., FXD, CER	AX5114-2	1		C736	
		AX5114-2	1		C733	
		AX5114-2	1		C735	
		AX5114-2	1		C742	
		AX5114-2	1		C743	
		AX5114-2	1		C744	
		AX5114-2	1		C745	
		AX5114-2	1		C746	
		AX5114-2	1		C747	
		AX5114-2	1		C710	
		AX5114-2	1	11*	C734	
CC109-19	CAP., FXD, CER	AX743-2	1		C716	
		AX743-2	1		C717	
		AX743-2	1		C718	
		AX743-2	1	4*	C719	
CC109-36	CAP., FXD, CER	AX743-2	1		C704	
		AX743-2	1		C705	
		AX743-2	1		C706	
		AX743-2	1		C707	

# MATERIAL LIST

AX5114-2  
REV. A

PAGE 3 OF

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
		AX743-2	1		C708	
		AX743-2	1		C709	
		AX743-2	1		C737	
		AX743-2	1	8*	C739	
CC109-38	CAP., FXD, CER	BMA437-2	1		C701	
		BMA437-2	1		C702	
		BMA437-2	1	3*	C703	
CC115-2-6800	CAP., FXD, CER	BMA437-2	1		C714	
		BMA437-2	1		C713	
		BMA437-2	1	3*	C715	
CC120-202A25	CAP., FXD, CER	AX5114-2	1		C730	
		AX5114-2	1		C731	
		AX5114-2	1		C732	
		AX5114-2	1	4*	C739	
CH845	CHART, UNIT BRKDN	AX5114-2	1	1*		
CI112Q2-7L	CORE, ROD	CL444	1	1*		
CK70AW102M	CAP., FXD, CER	BMA437-2	1		C711	
		BMA437-2	1	2*	C712	
CK1757	SCHEM, TUNE CAP	BMA421	1	1*		
CK1778	SCHEM, LOAD CAP	BMA422-2	1	1*		
CL100-5	COIL, RF, FXD	BMA437-2	1	1*	L702	
CL166	COIL, RF, FXD	AX5114-2	1		L704	
		AX5114-2	1	2*	L705	
CL178	COIL, RF, FXD	BMA437-2	1		L701	

# MATERIAL LIST

AX5114-2  
REV. A

PAGE 4 OF

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
		BMA437-2	1	2*	L711	
CL240-120	COIL, RF, FXD	AX5114-2	1		L708	
		AX5114-2	1	2*	L709	
CL442	COIL, RF	AX5114-2	1	1*	L706	
CL443	COIL, ASY, OUT.	AX5114-2	1	1*	L707	
CL444	COIL, FIL	BMA437-2	1	1*	L703	
CM15C050J03YY	CAP., FXD, MICA	AX5114-2	1	1*	C740	
CM15D150J03YY	CAP., FXD, MICA	AX5114-2	1	1*	C741	
CP121-25M150T	CAP., FXD, MTLZ	BMA422-2	1	1*	A703C2	
CU129-19SS	CLP	AX5114-2	2	2*		
CU152-3	CLP	AX5114-2	1	1*		
CU155-1	CLAMP, MOT MTG	BMA422-2	2	2*		
DC104-3	COUP., DIR	AX5114-2	1	1*	DC701	
DD119-9	DET, ELEM	AX5114-2	1	1*	CR702	
DD119-10	DET, ELEM	AX5114-2	1	1*	CR701	
FH104-3	FUSEHOLDER	BMA422-2	1	1*	A703XF1	
FH104-11	FUSEHOLDER	BMA422-2	1	1*	A703XF2	
FP206-1	FUSE, FLANGED	BMA1070	1	1*		
FP206-2	FUSE, FLANGED	BMA1087	1	1*		

# MATERIAL LIST

AX5114-2  
REV. A

PAGE 5 OF

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
FS125-1	RET., CONN	BMA421	1			
		BMA422-2	1	2*		
FU102-.062	FUSE, CTG	BMA422-2	1	1*	A703F2	
FU102-.2	FUSE, CTG	BMA422-2	1	1*	A703F1	
FW10LBN	WASHER, FL.	BMA422-2	X	X*		
GL125	ADHESIVE EPOXY	TZ229		*		
HWC4/127/J9	WIRE, ELEC	CL444		*		
IM179-22	INS, FISH PAPER	A-4841	1	1*		
IM198	INS, FILA, TEFL	AX743-2	2	2*		
JJ293-15DFE	CONN, RECP, FML	CA1570	1	1*	A703W1XA1	
JJ310-1H	CONN, PL, FML	CA1570	1	1*	A703W1P1	
JJ313-2H	CONN, PL, ML	CA1517	1	1*	A702W1P1	
LD2381/MS5510	CHAS, SOC, MN	BMA437-2	1	1*		
LD2384/MS5550	PL, MTG, SW/MOT	BMA421	1			
		BMA422-2	1	2*		
LD2386/MS5527	PLATE, MTG, CAP	BMA422-2	1	1*		
LD2387/MS5519	CHAS, CAP, LOAD	BMA422-2	1	1*		
LD2388/MS5502	PLATE, MTG, CAP	BMA421	1	1*		
LD2389/MS5605	CHAS, MTG, CAP	BMA421	1	1*		
LD2395/MS5509	SHLD, PNL, MTR	AX5114-2	1	1*		

# MATERIAL LIST

AX5114-2  
REV. A

PAGE 6 OF

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
LD2405/MS5523	SHLD, CONT, PNL	AX5114-2	1	1*		
LWE6MRN	LOCKWASHER EXT	BMA422-2	1	1*		
LWE10MRN	LOCKWASH, EXT	BMA422-2	1	1*		
MS202	STRAP, 7/16	AX743-2	X	X*		
MS202-24-3.500	LEAD, CONN	AX5114-2	1	1*		
MS202-25-2.125	LEAD, CONN	BMA437-2	2	2*		
MS202-39-1.375	LEAD, CONN	BMA437-2	1	1*		
MS202-45-1.875	LEAD, CONN	BMA437-2	1	1*		
MS203-11-1.250	LEAD, CONN	BMA437-2	2	2*		
MS202-27-4.00	LEAD, CONN	AX5114-2	1	1*		
MS203-10-1.125	LEAD, CONN	BMA437-2	2	2*		
MS1596	PLATE, TOP, CAP	BMA422-2	1	1*		
MS2349	BRKT, REL MTG	AX5114-2	1	1*		
MS2665-48	BRKT, ANG	AX5114-2	3	3*		
MS2665-49	BRKT, ANG	BMA437-2	2	2*		
MS2702	MTG PL, SW	AX5114-2	2	2*		
MS3102A24-28P	CONN, RECP, ML	AX5114-2	1	1*	J704	
MS3284-72	STRAP, CON	CL444	1	1*		

# MATERIAL LIST

AX5114-2  
REV. A

PAGE 7 OF

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
MS3284-73	STRAP, CONN	CL444	1	1*		
MS3420-10A	GASKET	BMA422-2	1	1*		
MS4941-6	BRKT, CONN MTG	BMA422-2	1	1*		
MS5502	PLATE, MTG, CAP	LD2388/MS5502	1	1*		
MS5509	SHLD, PNL, MTR	LD2395/MS5509	1	1*		
MS5510	CHAS, SOC, MN	LD2381/MS5510	1	1*		
MS5511	COV, REAR	BMA437-2	1	1*		
MS5512	COV, FR	BMA437-2	1	1*		
MS5514	STRAP, INTERCON	AX5114-2	1	1*		
MS5515	STRAP, RF, LOAD	AX5114-2	1	1*		
MS5519	CHAS, CAP, LOAD	LD2387/MS5519	1	1*		
MS5520	CHAS, BANDSW	AX5114-2	1	1*		
MS5522	BRKT, CONN, CAP	AX5114-2	1	1*		
MS5523	SHLD, PNL, CONT	LD2405/MS5523	1	1*		
MS5524	COV, SHLD, CONT	AX5114-2	1	1*		
MS5526	COV, CHAS, LOAD	BMA422-2	1	1*		
MS5527	PLATE, MTG, CAP	LD2386/MS5527	1	1*		
MS5546	DUCT, CBL	AX5114-2	1	1*		



# MATERIAL LIST

AX5114-2  
REV. A

PAGE 8 OF

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
MS5547	COV, CBL, DUCT	AX5114-2	1	1*		
MS5549	COV, REAR, BANDSW	AX5114-2	1	1*		
MS5550	PL, MTG, SW/MOT	LD2384/MS5550	1			
		LD2384/MS5550	1	2*		
MS5574	PLATE, ELEC	AX5114-2	1	1*		
MS5575-1	BRKT, MTG, CONN	BMA421	1	1*		
MS5575-2	BRKT, MTG, CONN	BMA422-2	1	1*		
MS5597	BRKT, CONN	BMA437-2	1	1*		
MS5602	COV, SHLD, MTR	AX5114-2	1	1*		
MS5605	CHAS, MTG, CAP	LD2389/MS5605	1	1*		
MS5606	COV, CHAS, CAP	BMA421	1	1*		
MS5616	PLATE, CONT	AX5114-2	1	1*		
MS5927	PLATE, CAP. MTG	BMA422-2	1	1*		
MS6343	PLATE, SOC MTG	BMA437-2	1	1*		
MS6344	BAR, FILA	AX743-2	1	1*		
NP987	PLATE, WARN	BMA437-2	2	2*		
NS3W0104	INS, STANDOFF	BMA437-2	2	2*		
NS3W0108	INS, STANDOFF	BMA437-2	1	1*	E702	
NS3W0320	INS, STANDOFF	AX5114-2	1	1*	E712	
NS112-2	INS, BOWL	BMA437-2	1	1*	E701	

# MATERIAL LIST

AX5114-2  
REV. A

PAGE 9 OF

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
NS125-12	INS, STANDOFF	BMA437-2	1	1*		
NT129-832-4	NUT, PLN, SPLINE	MS5519	4	4*		
NT157	NUT, RECT	BMA421	2			
		BMA422-2	2	4*		
NTH0440BN8	NUT, HEX	BMA422-2	1	1*		
NTH0632BN10	NUT, HEX	BMA422-2	1	1*		
PL163-2	PLUG, TIP	AX5114-2	1	1*	P703	
PL254	CONN, PL, RF	CA1566	1		P701	
		CA1566	1	2*	P702	
PM1323-3	PIN, ACT	BMA421	1			
		BMA422-2	1	2*		
PM1389	PAD, MTG, SW	BMA421	2			
		BMA422-2	2	4*		
PM1400	PLATE, MTG, CAP	BMA421	1	1*		
PM1417	SHAFT, CAP	BMA421	1	1*		
PM1513	RING, FILA	AX743-2	1	1*		
PN59-062-12	PIN, SPLINE	PM1411	3	3*		
PO185-1S	FLG, MTG, CAP	BMA422-2	1	1*		
PO185-2S	FLG, MTG, CAP	BMA422-2	1	1*		
PO224-50	IN, COND, REX	AX5114-2	1	1*		

# MATERIAL LIST

AX5114-2  
REV. A

PAGE 10 OF

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
PO325	IDLER	BMA422-2	1	1*		
PX636	PLATE, INS	AX5114-2	1	1*		
PX906-3	LEG, MTG, COIL	CL443	3	3*		
PX1072	BOARD, MTG, CAP	BMA421	2	2*		
PX1075	BOARD, MTG, COIL	CL443	2	2*		
PX1081	SPACER, COIL	CL443	3	3*		
<del>PX1097</del>	<del>FLUE, DR, INS</del>	<del>AX5114-2</del>	<del>1</del>	<del>1*</del>		
PX1158	FLUE, AIR FLOW	BMA437-2	1	1*		
PX1176	FLUE, OUTER, TOP	AX5114-2	1	1*		
PX1177	FLUE, INNER, TOP	AX5114-2	1	1*		
PX1178	CHIM, PA TUBE	BMA437-2	1	1*		
PX370-2-7-1	INS, SLVG, TEFL	AX743-2	4	4*		
PX370-37-7	INS, SLVG	CL444				
RC20GF103J	RES, FXD, COMP	AX5114-2	1	1*	R702	
RC42GF47LJ	RES, FXD, COMP	BMA437-2	1	1*	R701	
RV118-1-102	RES, VAR, PREC	BMA422-2	1	1*	A703R1	
SCBP0440BN4	SCR MACH	BMA422-2	2	2*		
SCBP0440BN6	SCR MACH	BMA422-2	1	1*		

# MATERIAL LIST

AX5114-2  
REV. A

PAGE 11 OF

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
SCBP0632BN6	SCR MACH	BMA422-2	1	1*		
SCBP1032BN8	SCR MACH	BMA422-2	1	1*		
SCBP1032BN14	SCR MACH	BMA422-2	1	1*		
SN103-3-9.00	SCR	AX5114-2	1	1*		
SN113	SCR, BLOW BCU	AX5114-2	1	1*		
SP113	SPRING EXP	BMA422-2	1	1*		
SS104-2	SW, THERMO	AX5114-2	1	1*	S701	
SW353-3	SW, SENS-W/ACTR	BMA421	1		A702S1	
		BMA421	1		A702S2	
		BMA422-2	1		A703S1	
		BMA422-2	1	4*	A703S2	
TE102-2	TERM., STUD-INS	AX5114-2	1		E705	
		AX5114-2	1		E706	
		AX5114-2	1		E707	
		AX5114-2	1		E714	
		AX5114-2	1		E715	
		AX5114-2	1		E716	
		AX5114-2	1	7*	E717	
TE104-2	TERM., LUG-LKG	BMA437-2	3			
		BMA437-2	2	5*		
TE104-5	TERM., LUG-LKG	BMA437-2	1	1*		
TE108-7	NUT, PLN, CLINCH	MS5519	4	4*		
TE108-20	NUT, PLN, CLINCH	MS5519	2			

# MATERIAL LIST

AX5114-2  
REV. A

PAGE 12 OF

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
		MS5605	4	6*		
TE116-2	TERM., LUG	BMA437-2	4	4*		
TE116-3	TERM	BMA421	1	1*		
TE117-11	SPCR	AX743-2	4	4*		
TE135-10	STDOFF, THD	AX743-2	4	4*		
TE141-9	TERM., LUG	CL444	1	1*		
TE149-120	TERM., LUG	AX5114-2	4	4*		
TE151	LUG, TERM	A-4841	3	3*		
TE176-1	STDOFF, INS	AX743-2	14	14*		
TE176-2	STDOFF, INS	AX743-2	8	8*		
TE187	STDOFF, SHOULDER	AX743-2	8	8*		
TE0832AE2.00H6	POST, ELEC, MECH	BMA421	4	4*		
TE0832AE4.500H6	POST, ELEC, MECH	BMA422-2	4	4*		
TE0832SS86R	POST, ELEC, MECH	AX743-2	2	2*		
TE1032AE1.625R8	POST, ELEC, MECH	BMA422-2 CL443	1 2	3*		
TE1032AE3.250H8	POST, ELEC, MECH	AX5114-2	1	1*		
TE2520AE1.000R12	POST, ELEC, MECH	AX743-2 AX5114-2	1 4	5*		

# MATERIAL LIST

AX5114-2  
REV. A

PAGE 13 OF

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
TE2520AE3.250R8	POST, ELEC, MECH	BMA437-2	1	1*		
TF245	XFMR, PWR, SD	BMA422-2	1	1*	A703T1	
TS101-P01	SOC, EL TUBE	AX5114-2	1	1*	XA707	
TS134	SOC, EL TUBE	AX743-2	1	1*	XV701	
TU100-8	TUBE, COP-SOFT	CL444		*		
UG560	CONN, RECP-HN	BMA437-2	1	1*	J701	
WA109-56	WASH, NM	AX5114-2	4	4*		
1N3070	SCOND, DEV, DIO	AX5114-2	1	1*	CR703	
4CX10000J	TUBE, ELEC	AX5114-2	1	1*	V701	
6/2/72 REV A	EMN 20710					

MISSING SYMBOLS

A707  
C747  
CR703  
DC701  
E717  
J704  
L711  
P703  
R702  
S701  
V701  
W705  
XV701  
XA707

SYMBOLS NOT USED

A701  
C720 thru C729  
  
E708 thru E711, E713  
J702, J703  
L710  
  
XA701 thru XA706

A702  
A1  
C1  
S2  
W1  
P1

A703  
A1  
C3  
F2  
R1  
S2  
T1  
W1  
P1  
XA1  
XF2