

PRELIMINARY

FINAL

# MATERIAL LIST

FOR

REVISION

TOTAL SHEETS 15

TMC MODEL - AX517Q

TITLE - PA SECTION ASSY

REV.	SHEET (S)	DATE	APPR.
X		7 AUG 72	<i>[Signature]</i>
X/	8	2/13/73	EMM 21019
Ø	ORIGINAL REL	3/30/73	
A	21842	9-25-80	
B	21853	11-11-80	

USED ON  
MODEL -

HFL()-10K/REV A (AX5163)

HFL()-10K/Rev. B (AX5233)

CONSISTS OF  
SUPPORTING LISTS

- A4835
- A5742
- A4856
- AF11Q
- A5163
- AX5171
- AX5172
- AX5173
- AX804

LAST SYMBOLS      SYMBOLS NOT USED

COMPILED B. NAP  
 CHECKED \_\_\_\_\_  
 ENG APPR \_\_\_\_\_  
 FNL APPR [Signature]  
 ISS DATE 3/30/73

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

§ FOR SPECIAL NOTES,  
REFER TO S1200.

PRELIMINARY MATERIAL LIST/NUMERICAL PARTS LIST

TOTAL SHEET 1 OF  
 ASSY SHEET 1 OF 15

USED ON MODEL: AX5163 or AX5233

ASSY TITLE: PA SECTION ASSY

ASSY PART NO.: AX5170

NEXT ASSY:	QTY PER NEXT ASSY:	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200	REV.
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M				
A1785								
		AX5170		1	1			
A4835		AX5170		1	1	A701	1, 101	
A4841		TZ229		1	1		101	
A5742		AX5170		1	1	A708	1	
A4856		AX5170		1	1	A707	1	
AF110		AX5170		1	1	A706	1, 50	
AS163		AX5170		1	1	A704	1	
AX707		BHA488		1		E703		
		BHA488		1	2	E704		
AX743-1		BHA488		1	1	XV701	101	
AX743-2		BHA488		1	1	XV701	102	
AX5171		AX5170		1	1	A702	1	
AX5172		AX5170		1	1	A703	1	
AX5173		AX5170		1	1	A705	1	
AX804		AX5170		1	1	A710	1	

TOTAL SHEET 2 OF

ASSY SHEET 2 OF 15

PRELIMINARY MATERIAL LIST/NUMERICAL PARTS LIST

USED ON MODEL: AX5163 OR AX5233

NEXT ASSY:	QTY PER NEXT ASSY:	ASSY TITLE: PA SECT ASSY	ITEM LOCATION			ASSY PART NO.: AX5170	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200	REV.
			USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M				
PART NUMBER (20 digits)	DESCRIPTION (14 digits)								
BB117-5	BEAR, PNL	AX5170			2	2		102	
BL105	FAN, AXIAL	A-1785			1	1	B701		
BMA488	TUBE COMP ASSY	AX5170			1	1			
BX234	BOX, XFMR	T2229			1	1		101	
CA409-144-3.00	CBL ASSY, JUMPER	BMA488			1	1		101	
CA1566	CBL, RF, COUP	AX5170			1	1			
CC100-28	CAP, FXD, CER	AX5170			1		C733		
					1		C734		
					1		C735		
					1		C736		
					1		C742		
					1		C743		
					1		C744		
					1		C745		
					1		C746		
		AX5170			1	10	C747		
CC100-32	CAP, FXD, CER	BMA488			1	1	C710		



TOTAL SHEET 3 OF

ASSY SHEET 3 OF 15

## PRELIMINARY MATERIAL LIST/NUMERICAL PARTS LIST

USED ON MODEL:

AX5163 OR AX5233

NEXT ASSY:

QTY PER NEXT ASSY:

ASSY TITLE:

PA SECT ASSY

ASSY PART NO.:

AX5172

PART NUMBER (20 digits)	DESCRIPTION (14 digits)	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200	REV.
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M				
CC109-6	CAP, FXD, CER	BMA488			1	C722	101	
					1	C723	101	
					1	C724	101	
					1	C725	101	
					1	C726	101	
		BMA488		1	6	C727	101	
CC109-19	CAP, FXD, CER	AX743-1,2			1	C716		
					1	C717		
					1	C718		
		AX743-1,2		1	4	C719		
CC109-28	CAP, FXD, CER	BMA488			1	C720		
					1	C721		
					1	C728		
		BMA488		1	4	C729		

TOTAL SHEET 4 OF

ASSY SHEET 4 # 15

## PRELIMINARY MATERIAL LIST/NUMERICAL PARTS LIST

USED ON MODEL: AX5163 OR AX 5233

ASSY TITLE: PA SECT ASSY

ASSY PART NO.: AX5170

NEXT ASSY:	QTY PER NEXT ASSY:	ASSY TITLE:	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200	REV.
			USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M				
CC109-36	CAP, FXD, CER	AX743-1,2			1		C704		
					1		C705		
					1		C706		
					1		C707		
					1		C708		
					1		C709		
					1		C737		
		AX743-1,2			1	8	C738		
CC109-38	CAP, FXD, CER	BMA 488			1		C701		
		BMA 488			1		C702		
		BMA 488			1	3	C703		
CC115-2-6800	CAP, FXD, CER	BMA 488			1		C713		
		BMA 488			1		C714		
		BMA 488			1	3	C715		
CC120-202 A25	CAP, FXD, CER	AX5170			1		C730		
					1		C731		
					1		C732		
		AX5170			1	4	C739		

TOTAL SHEET 5 OF

ASSY SHEET 5 OF 15

PRELIMINARY MATERIAL LIST/NUMERICAL PARTS LIST

USED ON MODEL: AX5163 OR AX5233

NEXT ASSY:	QTY PER NEXT ASSY:	ASSY TITLE:	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200	REV.
			USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M				
		PA SECT ASSY							
CI112Q2-7L		CL444			1	1			
CI12B-4		TZ229			1	1		101	
CK70 AW102M		BMA488			1		C711		
		BMA488			1	2	C712		
CK1636		AX5172			-	-		101	
CK1646		AX5103			-	-		50	
CK1757		AX5171			-	-		101	
CK1771		AF110			-	-			
CK1850		A4856			-	-			
CK1645		AX5173			-	-		101	
CK1947		AX5173			-	-		102	
CL100-5		BMA488			1	1	L702		
CL166		AX5170			1		L704		
		AX5170			1	2	L705		
CL178		BMA488			1		L701		
		BMA488			1	2	L711		



TOTAL SHEET 6 OF

ASSY SHEET 6 OF 15

## PRELIMINARY MATERIAL LIST/NUMERICAL PARTS LIST

USED ON MODEL: AX5163 OR AX5233

NEXT ASSY:

QTY PER NEXT ASSY:

ASSY TITLE: PA SECT ASSY

ASSY PART NO.:

AX5170

PART NUMBER (20 digits)	DESCRIPTION (14 digits)	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200	REV.
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M				
CL240-120	COIL, RF, FXD	AX5170		1		L708		
		AX5170		1	2	L709		
CL442	COIL, RF, FXD	AX5170		1	1	L706		
CL443	COIL ASSY, OUTPUT	AX5170		1	1	L707		
CL444	COIL, FILA	BMA448		1	1	L703		
CM15C050J03YY	CAP, FXD, MICA	AX5170		1	1	C740		
CM15C100J03YY	CAP, FXD, MICA	AX5170		1	1	C741		
CP41B1EF405K	CAP, FXD, ELEC	AX5170		1	1	C750		
CU129-19SS	CLAMP	AX5170		2	2			
CU HEAT SW.								
DC104-3	COUP, DIR	AX5170		1	1	DC701		
DD119-9	DET, ELEM	AX5170		1	1	CR702		
DD119-10	DET, ELEM	AX5170		1	1	CR701		
EY102-5	GROMMET	AX5170		1	1			
EY102-7	GROMMET	TZ229		1	1		101	
FH104-3	FUSEHOLDER, IND	AX5170		1	1	XF701		
FU102-.5	FUSE, CT0	AX5170		1	1	F701		

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ASSY SHEET 7 OF 15

## PRELIMINARY MATERIAL LIST/NUMERICAL PARTS LIST

USED ON MODEL: AX5163 OR AX5233

ASSY TITLE: PA SECT ASSY

ASSY PART NO.: AX5170

NEXT ASSY:	QTY PER NEXT ASSY:	PART NUMBER (20 digits)	DESCRIPTION (14 digits)	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200	REV.
				USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M				
		GA140-1256	GASKET, RUB	AX707		4	4			
		GL130	ADHESIVE	TZ229		-	-		101	
		HWC4(127)B*	WIRE, ELEC, INS	CL944		-	-			
		IM179-22	INS, FISH PAP	A4841		1	1		101	
		IM198	INS, FILA, TEF	AX743-1,2		2	2			
		LD2381/MS5510	CHAS, SOC, MN	BMA488		1	1			
		LD2385/MS5607	COV, SENS BD	AX5170		1	1		101	
		LD2395/MS5509	SHLD, MTR PNL	AX5170		1	1			
		MS154-1	PL, MT0, TB	AX5170		6	6			
		MS202	STRAP, 7/16"	AX743-1,2		-	-			
				AX5170		-	-			
				BMA488		-	-			
		MS203	STRAP, 1/4"	BMA488		-	-			



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ASSY SHEET 8 OF 15

## PRELIMINARY MATERIAL LIST/NUMERICAL PARTS LIST

USED ON MODEL:

AX5163 OR AX5233

NEXT ASSY:

QTY PER NEXT ASSY:

ASSY TITLE:

PA SECT ASSY

ASSY PART NO.:

AX5170

PART NUMBER (20 digits)	DESCRIPTION (14 digits)	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200	REV.
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M				
MS1611-2	BRKT, CAP MTB	AX5170		1	1			
MS2349	BRKT, SOC MTB	AX5170		1	1			
MS2665-38	BRKT, ANG	TZ229		1	1		101	
MS2665-48	BRKT, ANG	AX5170		2	2			
MS2665-49	BRKT, ANG	AX5170		2	2		101	
MS2702	PL, SW MTB	AX5170		2	2			
MS3057-6	CLP, CBL, EL CONN	A1785		1	1			
MS3102A14S-2S	CONN, RECP, FML 4/C	AX5170		1	1	J706		
MS3102A24-28P	CONN, RECP, HL 24/C	AX5170		1	1	J704		
MS3106A14S-2P	CONN, PL, HL 4/C	A1785		1	1	P704		
MS3284-72	STRAP, CONN	CL444		1	1			
MS3284-73	STRAP, CONN	CL444		1	1			
MS3284-82	STRAP, CONN	TZ229		1	1		101	
MS3284-86	STRAP, CONN	AX5170		1	1			
MS3420-6A	BUSH, RUB	A1785		1	1		X1	

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ASSY SHEET 9 OF 15

## PRELIMINARY MATERIAL LIST/NUMERICAL PARTS LIST

USED ON MODEL: AX5163 OR AX5233

ASSY TITLE: PA SECT ASSY

ASSY PART NO.: AX5178

NEXT ASSY:	QTY PER NEXT ASSY:	DESCRIPTION (14 digits)	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200	REV.
			USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M				
PART NUMBER (20 digits)									
MS4681		RING, GRID	AX743-1		1	1		181	
MS5589		SHLD, PNL, MTR	LD2395/MS5589		1	1			
MS5518		CHAS, SOC, MN	LD2381/MS5518		1	1			
MS5511		COV, REAR	BHA 488		1	1			
MS5512		COV, FR	BHA 488		1	1			
MS5514		STRAP, INTERCONN	AX5178		1	1			
MS5515		STRAP, RF LOAD	AX5178		1	1			
MS5528		CHAS, BD SW	AX5178		1	1			
MS5522		BRKT, CONN, CAP	AX5178		1	1			
MS5523		SHLD, PNL, CONT	AX5178		1	1			
MS5524		COV, SHLD, CONT	AX5178		1	1			
MS5546		DUCT, CBL	AX5178		1	1			
MS5547		COV, DUCT, CBL	AX5178		1	1			
MS5549		COV, REAR, BND SW	AX5178		1	1			
MS5574		PL, ELEC	AX5178		1	1			
MS5597		BRKT, CONN	BHA 488		1	1			
MS5682		COV, SHLD, MTR	AX5178		1	1			
MS5687		COV, SEN BD	LD2385/MS5687		1	1		181	
MS5616		PL, CONT	AX5178		1	1			
MS5628		STRAP, T, CONN	BHA 488		1	1		181	
MS6343		PL, SOC MTR	BHA 488		1	1			



TOTAL SHEET 10 OF

ASSY SHEET 10 OF 15

PRELIMINARY MATERIAL LIST/NUMERICAL PARTS LIST

USED ON MODEL: AX5163 OR AX5233

ASSY TITLE: PA SECT ASSY

ASSY PART NO.: AX5170

PART NUMBER (20 digits)	DESCRIPTION (14 digits)	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200	REV.
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M				
MS6344	BAR, FILA	AX743-12		1	1			
MS6364	BRKT, BEAR	AX5170		2	2		102	
NP987	NAMEPLATE, WARNING	BHA 488		2	2			
NS3W0104	INS, STAND OFF	BMA 488		2	2		101	
NS3W0108	INS, STAND OFF	BMA 488		1	1	E702		
NS3W0320	INS, STAND OFF	AX5170		1	1	E712		
NS112-2	INS, BOWL	BHA 488		20	3			
NS125-12	INS, STAND OFF	BMA 488		1	1	E701		
NS127-1	INS, BUSH	AX707		2	2			
PL163-2	PLUG, TIP	AX5170		1	1	P703		
PL254	CONN, PL, RF	CA1566		1	1	P201		
		CA1566		1	2	P202		



TOTAL SHEET 11 OF  
 ASSY SHEET 11 OF 15

PRELIMINARY MATERIAL LIST/NUMERICAL PARTS LIST

USED ON MODEL: AX5163 OR AX5233

ASSY TITLE: PA SECT ASSY

ASSY PART NO.: AX5170

NEXT ASSY:	QTY PER NEXT ASSY:	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200	REV.
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M				
PART NUMBER (20 digits)	DESCRIPTION (14 digits)							
PM1513	RING, FILA	AX743-1,2		1	1			
P0224-50	CONN, IN, STUB	AX5170		1	1			
PX336-2	INS, TB	AX5170		1	1			
PX336-4	INS, TB	AX5170		1	1			
PX336-8	INS, TB	AX5170		1	1			
PX370-2-7	INS, SLUG, TEFL	AX743-1,2		-	-			
PX370-37-7	INS, SLUG, TEFL	CL444		-	-			
PX370-50-7	INS, SLUG, TEFL	TZ229		-	-		1 & 1	
PX533-2	INS, BD	AX707		2	2			
PX636	PL, INS	AX5170		1	1			
PX906-3	LEG, MTG, COIL	CL443		3	3			
PX1075	BD, MTG, COIL	CL443		2	2			
PX1081	SPCR, COIL	CL443		3	3			
PX1158	FLUE, AIR FLOW	AX5170		1	1			
PX1176	FLUE, OUTER, TOP	AX5170		1	1			
PX1177	FLUE, INNER, TOP	AX5170		1	1			
PX1178	CHIM, PA TUBE	BMA 488		1	1			
PX1278	PLATE, MTG. CAP.	AX 5170		1	1			

TOTAL SHEET 12 OF

ASSY SHEET 12 OF 15

PRELIMINARY MATERIAL LIST/NUMERICAL PARTS LIST

USED ON MODEL: AX5163 OR AX5233

ASSY TITLE: PA SECT ASSY

ASSY PART NO.: AX5170

NEXT ASSY:	QTY PER NEXT ASSY:	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200	REV.
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M				
PART NUMBER (20 digits)	DESCRIPTION (14 digits)							
RC326F221J	RES, FXD COMP	AX5170		1	1	R702	101	
RC326F471J	RES, FXD COMP	AX5170		1	1	R703	101	
RC426F471J	RES, FXD COMP	AX5170		1	1	R701		
SM2520BN3.750	ROD THD	AX707		2	2			
SS104-2	SW, THERMO	AX5170		1	1	S701		
TA108-1	TAPE	TZ229		-	-		101	
TA108-5	TAPE	TZ229		-	-		101	
TE101-3	INS, FEEDTHRU	AX5170		1	1	E711		
TE102-2	TERM, TURRET	AX5170		1		E707		
				1		E714		
				1		E715		
				1		E716		
		AX5170		1	5	E717		



PRELIMINARY MATERIAL LIST/NUMERICAL PARTS LIST

TOTAL SHEET 13 OF

ASSY SHEET 13 OF 15

USED ON MODEL: AX5163 OR AX5233

ASSY TITLE: PA SECT ASSY

ASSY PART NO.: AX5172

NEXT ASSY:	QTY PER NEXT ASSY:	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200	REV.
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M				
PART NUMBER (20 digits)	DESCRIPTION (14 digits)							
TE117-11	SPCR,	AX743-1,2		4	4			
TE135-12	STDOFF, THD	AX743-1,2		4	4			
TE141-9	TERM LUG	CL444		1	1			
TE151	TERM LUG	A4841		3	3		101	
TE158-31136	TERM LUG	CL443		1	1			
TE169-4	INS, FEEDTHRU	T2229		1		E708	101	
		T2229		1		E709	101	
		T2229		1	3	E710	101	
TE176-1	STDOFF INS	AX743-1,2		14	14			
TE176-2	STDOFF, INS	AX743-1,2		8	8			
TE187	STDOFF, SHOULDER	AX743-1,2		8	8			



TOTAL SHEET **14** OFASSY SHEET **14** OF **15**

## PRELIMINARY MATERIAL LIST/NUMERICAL PARTS LIST

USED ON MODEL: **AX5163** OR **AX5233**

NEXT ASSY:	QTY PER NEXT ASSY:	ASSY TITLE: <b>PA SECT ASSY</b>			ASSY PART NO.: <b>AX5172</b>		
		ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
PART NUMBER (20 digits)	DESCRIPTION (14 digits)	USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
<del>TE2832BN3.522RB</del>	POST, ELEC-MECH			1	1		
<del>TE2832SS86R</del>	POST, ELEC-MECH			2	2		121
<del>TE1232AE1.625RB</del>	POST, ELEC-MECH			2	2		
<del>TE2522AE1.022R1Z</del>	POST, ELEC-MECH			1	1		
<del>TE2522AE3.252RB</del>	POST, ELEC-MECH			1	1		
<del>TM12-2</del>	TERM STRIP BARRIER			1	1	<del>TB721</del>	
<del>TM12-4</del>	TERM STRIP BARRIER			1	1	<del>TB722</del>	
<del>TM12-8</del>	TERM STRIP BARRIER			1	1	<del>TB723</del>	
<del>TS121-P21</del>	SOC, EL TUBE			1	1	<del>XA727</del>	
<del>TS134</del>	SOC, EL TUBE			1	1		

PRELIMINARY MATERIAL LIST/NUMERICAL PARTS LIST

USED ON MODEL: AX5163 OR AX5233

TOTAL SHEET 15 OF

ASSY SHEET 15 OF 15

NEXT ASSY:	QTY PER NEXT ASSY:	ASSY TITLE: PA SECT ASSY			ASSY PART NO.: AX5170		SPECIAL NOTES REFER TO S1200	REV.
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M	QTY. PER ASSY.	REFERENCE SYMBOLS		
PART NUMBER (20 digits)	DESCRIPTION (14 digits)	ITEM LOCATION						
TU100-3	TUBE, COP, SOFT	CL443		-	-			
TU100-8	TUBE, COP, SOFT	CL444		-	-			
TZ229	XFMR, RF	BMA 488		1	1	T701	101	
UG560/U	CONN, RECP, RF	BMA 488		1	1	J701		
WA109-55	WASH, NM	AX707		4	4			
WI125-5	WIRE, ELEC, MAG	TZ229		-	-		101	
4CX10000J	TUBE, ELEC	AX5170		1	1	V701		