

PRELIMINARY

FINAL

MATERIAL LIST

TOTAL SHEETS 7

FOR

REVISION

TMC MODEL - AS163

TITLE - BND SW ASSY, MN

| REV. | SHEET (S) | DATE | APPR. |
|--------------|--------------|-----------|--------------------|
| X | | 22 AUG 73 | <i>[Signature]</i> |
| X1 | 5 | 10 OCT 72 | <i>[Signature]</i> |
| X2 | 1, 2, 5 | | |
| Ø | ORIGINAL PEL | 3-30-73 | |
| A | 3 (21860) | 1-27-81 | FB |
| | | | |
| | | | |
| | | | |

USED ON
MODEL -

HFL()-10K/REV A (AX5170)

CONSISTS OF
SUPPORTING LISTS

AX5103

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.

REV. 0

TOTAL SHEET 1 OF
 ASSY SHEET 1 OF 7

PRELIMINARY MATERIAL LIST/NUMERICAL PARTS LIST

USED ON MODEL: AX5170

ASSY TITLE: BND SW ASSY, MN

ASSY PART NO.: AS163

| 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/Y/M | | | | |
| A1700-2 | CONTACT ASSY | BMA498 | | 1 | | E12 | | |
| | | BMA499 | | 1 | 2 | E22 | | |
| A1701 | CONTACT ASSY | BMA498 | | 1 | | E1 | | |
| | | | | 1 | | E2 | | |
| | | | | 1 | | E3 | | |
| | | | | 1 | | E4 | | |
| | | | | 1 | | E5 | | |
| | | | | 1 | | E6 | | |
| | | | | 1 | | E7 | | |
| | | BMA498 | | 1 | 8 | E8 | | |
| A1701-2 | CONTACT ASSY | BMA499 | | 1 | | E17 | | |
| | | | | 1 | | E18 | | |
| | | | | 1 | | E19 | | |
| | | | | 1 | | E20 | | |
| | | | | 1 | | E21 | | |
| | | BMA499 | | 1 | 6 | E23 | | |
| AX573 | CONTACT ASSY | BMA498 | | 1 | | E9 | | |
| | | | | 1 | 2 | E10 | | |
| AX747 | ASSY, CAP | AS163 | | 1 | 1 | | | |
| AX5103 | SW ASSY, CONTROL | AS163 | | 1 | 1 | A1 | 101 | X2 |
| | | | | | | | 1 | |

TOTAL SHEET 2 OF

ASSY SHEET 2 OF 7

PRELIMINARY MATERIAL LIST/NUMERICAL PARTS LIST

USED ON MODEL: AX5172

ASSY TITLE: BNDSW ASSY, MN

ASSY PART NO.: AS163

| 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 | | | | |
| BB122-3 | | BEAR. | PM1423 | | 1 | 1 | | | |
| BB126-16 | | BEAR. | PM1422 | | 1 | 1 | | | |
| BB133-1 | | BEAR, BALL, NYL | PM1188 | | 1 | 1 | | | |
| BMA498 | | MN TANK SW ASSY | AS163 | | 1 | 1 | | | |
| BMA499 | | OUTPUT SW ASSY | AS163 | | 1 | 1 | | | |
| CC129-31 | | CAP, FXD, CER | AS163 | | 1* | | C1 | 122 X2 | |
| | | | AX747 | | 1* | | C1 | 121 X2 | |
| | | | AX747 | | 1 | | C2 | 121 X2 | |
| | | | AX747 | | 1 | 4 | C3 | 121 X2 | |
| | | | AS163 | | 1 | 4 | C4 | 121 X2 | |
| CL114-19 | | COIL, RF | CL442 | | 1 | 1 | | | |
| CL442 | | COIL ASSY | BMA499 | | 1 | 1 | L3 | | |
| CL441 | | COIL, RF, HF | AS163 | | 1 | 1 | L1 | | |
| CL445 | | COIL, MN TANK | AS163 | | 1 | 1 | L2 | | |
| CU155-2 | | CLP, HOT MTG | AS163 | | 3 | 3 | | | |
| FW25HBP | | WASH, FLAT | AS163 | | 12 | 12 | | | |

TOTAL SHEET 3 OF

ASSY SHEET 3 OF 7

PRELIMINARY MATERIAL LIST/NUMERICAL PARTS LIST

USED ON MODEL: AX5170

ASSY TITLE: BND SW ASSY, MN

ASSY PART NO.: AS163

| 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 | | | | |
| GR205-43 | GR, SPUR | AS163 | | 1 | 1 | | | |
| GR237 | GR, SPUR | AS163 | | 1 | 1 | | | |
| KY102-2-1.000 SS | KEY, MACH, SQ | AS163 | | 3 | | | | |
| | | BMA499 | | 1 | 4 | | | |
| LWIZ5MRP | WASH, LE, INT | AS163 | | 10 | 10 | | | |
| MO129 | MOTOR | AS163 | | 1 | 1 | BI | | |
| MS202 | LEAD, CONN | AS163 | | - | - | | | |
| MS1601-1 | CONTACT, SW | A1701 | | 16 | | | | |
| | | A1701-2 | | 6 | 22 | | | |
| MS1601-2 | CONTACT, SW | A1701 | | 16 | | | | |
| | | A1701-2 | | 6 | 22 | | | |
| MS1601-3 | CONTACT, SW | A1701 | | 16 | | | | |
| | | A1701-2 | | 6 | 22 | | | |

TOTAL SHEET 4 OF

ASSY SHEET 4 OF 7

PRELIMINARY MATERIAL LIST/NUMERICAL PARTS LIST

USED ON MODEL: AX 5170

ASSY TITLE: BND SW ASSY, MN

ASSY PART NO.: AS163

| 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 | | | | |
| MS1601-4 | CONTACT, SW | A1701 | | 16 | | | | |
| | | A1701-2 | | 6 | | | | |
| | | BMA499 | | 1 | | E14A | | |
| | | BMA499 | | 1 | 24 | E16A | | |
| MS1601-5 | CONTACT, SW | A1701 | | 16 | | | | |
| | | A1701-2 | | 6 | | | | |
| | | BMA499 | | 1 | | E14B | | |
| | | BMA499 | | 1 | 24 | E16B | | |
| MS1601-6 | CONTACT, SW | A1700-2 | | 2 | 2 | | | |
| MS1601-7 | CONTACT, SW | A1700-2 | | 2 | 2 | | | |
| MS1601-8 | CONTACT, SW | A1700-2 | | 2 | 2 | | | |
| MS1601-9 | CONTACT, SW | A1700-2 | | 2 | 2 | | | |
| MS1601-10 | CONTACT, SW | A1700-2 | | 2 | 2 | | | |
| MS1602-1 | SPRING, CONTACT, SW | A1700-2 | | 2 | 2 | | | |
| MS3057-6 | CLP, CBL, EL CONN | AS163 | | 1 | 1 | | | |
| MS3106A14S-7P | CONN, PL, ML 3/C | AS163 | | 1 | 1 | PI | | |
| MS3420-6A | BUSH, RUB | AS163 | | 1 | 1 | | | |

TOTAL SHEET 5 OF
 ASSY SHEET 5 OF 7

PRELIMINARY MATERIAL LIST/NUMERICAL PARTS LIST

USED ON MODEL: AX5170

| NEXT ASSY: | QTY PER NEXT ASSY: | ASSY TITLE: BND SW ASSY, MN | | | ASSY PART NO.: AS163 | | REFERENCE SYMBOLS | SPECIAL NOTES REFER TO S1200 | REV. |
|----------------------------|----------------------------|-----------------------------|---------------|---------------|----------------------|---|-------------------|------------------------------|------|
| | | USED ON ASSEMBLY | USED TO MOUNT | QTY PER U/T/M | QTY. PER ASSY. | | | | |
| PART NUMBER (20 digits) | DESCRIPTION (14 digits) | ITEM LOCATION | | | | | | | |
| MS4513-1 | CONTACT, ELEC | AX573 | | | 2 | 2 | | | |
| MS4513-2 | CONTACT, ELEC | AX573 | | | 2 | 2 | | | |
| MS4513-3 | CONTACT, ELEC | AX573 | | | 2 | 2 | | | |
| MS4513-4 | CONTACT, ELEC | AX573 | | | 2 | 2 | | | |
| MS4513-5 | CONTACT, ELEC | AX573 | | | 2 | 2 | | | |
| MS5521 | PL, MTG, BND SW | AS163 | | | 1 | 1 | | | |
| MS5613 | CONTACT, SHORTING | BMA498 | | | 1 | 1 | E13 | | |
| MS6402 | PL, CONT, CAP | AX747 | | | 2 | 2 | | 101 | X1,2 |
| PM1176 | CONTACT, WIPER | BMA498 | | | 1 | 1 | E11 | | |
| PM1183 | PL, PRES | BMA498 | | | 1 | 1 | | | |
| PM1186-2 | ROTOR, BND SW | BMA499 | | | 1 | 1 | | | |
| PM1188 | COLLAR | BMA499 | | | 1 | 1 | | | |
| PM1189-2 | SPCR, MTG, CONT | BMA499 | | | 7 | 7 | | | |
| PM1190 | U BRKT, WIPER | BMA498 | | | 1 | 1 | | | |
| PM1214-1 | HUB, BOTTOM | AS163 | | | 1 | 1 | | | |
| PM1216 | U BRKT, CONT | BMA498 | | | 2 | 2 | | | |
| PM1243 | U BRKT, CONT | BMA498 | | | 8 | 8 | | | |
| PM1402 | PL, BOT, GR BOX | AS163 | | | 1 | 1 | | | |
| PM1403 | PL, BRG | AS163 | | | 1 | 1 | | | |
| PM1404 | ROTOR, BND SW | BMA498 | | | 1 | 1 | | | |
| PM1405 | HUB, BND SW | BMA499 | | | 1 | 1 | | | |
| PM1430 | ROTOR, CONT | BMA499 | | | 1 | 1 | E15 | | |

TOTAL SHEET 6 OF
 ASSY SHEET 6 OF 7

PRELIMINARY MATERIAL LIST/NUMERICAL PARTS LIST

USED ON MODEL: AX5172

ASSY TITLE: BND SW ASSY, MN

ASSY PART NO.: AS163

| 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) | | | | | | | |
| PO324 | ELBOW, PIPE | CL441 | | 2 | 2 | | | |
| PX372-8-7 | INS, SLUG, TEF | CL442 | | - | - | | | |
| PX897 | WAFER, MTF, CONT | BMA498 | | 1 | 1 | | | |
| PX926-3 | SPCR, SUP | BMA499 | | 3 | 3 | | | |
| PX1272 | SHAFT, BND SW | AS163 | | 1 | 1 | | | |
| PX1273 | LEG, BND SW | AS163 | | 3 | 3 | | | |
| PX1274 | BD, MTF, COIL | BMA499 | | 2 | 2 | | | |
| PX1276 | BD, MTF, CONT | BMA499 | | 1 | 1 | | | |
| PX1284 | SPCR, COIL | BMA499 | | 3 | 3 | | | |
| PX1292 | SPCR, COIL | AS163 | | 3 | 3 | | | |
| SCBP2832BP22 | SCR, MACH | BMA498 | | 6 | 6 | | | |
| SCBP2522BP8 | SCR, MACH | AS163 | | 12 | 12 | | | |
| SM1232BN0.752 | ROD, THD | AS163 | | 2 | | | | |
| | | BMA499 | | 1 | 3 | | | |
| SM1232BN2.022 | ROD, THD | BMA498 | | 12 | 12 | | | |
| SP1165 | SPRG, TENS | BMA498 | | 6 | 6 | | | |

TOTAL SHEET 7 OF

ASSY SHEET 7 OF 7

PRELIMINARY MATERIAL LIST/NUMERICAL PARTS LIST

USED ON MODEL: AX5172

ASSY TITLE: BND SW ASSY, MN

ASSY PART NO.: AS163

| 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) | | | | | | | |
| TE117-6 | SPCR | BMA 498 | | 6 | 6 | | | |
| TE117-97 | SPCR | AS163 | | 1 | 1 | | | |
| TE158-31134 | TERM LUG | CL442 | | 5 | 5 | | | |
| TE178-3 | LUG | CL441 | | 2 | 2 | | | |
| TE1232AE1250R8 | POST, ELEC-MECH | AS163 | | 4 | 4 | | | |
| TE1232AE1312R8 | POST, ELEC-MECH | BMA 498 | | 2 | 2 | | | |
| TE1232BR2,500R8 | POST, ELEC-MECH | CL445 | | 2 | 2 | | | |
| TU100-2 | TUBING, COPPER | CL442 | | - | - | | | |
| TU100-6 | TUBING, COPPER | CL445 | | - | - | | | |
| TU100-8 | TUBING, COPPER | CL445 | | - | - | | | |
| TU104-8 | TUBING, HARD | CL441 | | - | - | | | |















