

MATERIAL LIST

TOTAL SHEETS 8

FOR

REVISION A

TMC MODEL - A-4664

TITLE- A.F.C. CARD

USED ON
MODEL - HFRR-4

CONSISTS OF SUPPORTING LISTS

NONE

LAST SYMBOLS

C62
L8
VR4
CR18
Q12
R78
K3
TP20
T2
Z4
FL1

MISSING SYMBOLS

CR13
CR14
CR15

COMPILED A. Klein
CHECKED WJB 6/20/69
ENG APPR [Signature]
FNL APPR [Signature]
ISS DATE 7/8/69

ENGINEERING JOB NUMBER
E _____

§ FOR SPECIAL NOTES,
REFER TO S1200.

MATERIAL LIST

A-4664
REV. A

PAGE 1

OF

| PART NUMBER | DESCRIPTION | USED ON | QUANTITY | QUANTITY PER UNIT | REFERENCE SYMBOLS | SPECIAL NOTES REFER TO S 1200 |
|-------------|-----------------|---------|----------|-------------------|-------------------|-------------------------------|
| AG124 | OSC, TEMP, COMP | A-4664 | 1 | 1* | Z4 | |
| CC100-16 | CAP., FXD, CER | A-4664 | 1 | | C33 | |
| | | A-4664 | 1 | 2* | C49 | |
| CC100-28 | CAP., FXD, CER | A-4664 | 1 | | C2 | |
| | | A-4664 | 1 | | C4 | |
| | | A-4664 | 1 | | C6 | |
| | | A-4664 | 1 | | C8 | |
| | | A-4664 | 1 | | C1 | |
| | | A-4664 | 1 | | C10 | |
| | | A-4664 | 1 | | C12 | |
| | | A-4664 | 1 | | C14 | |
| | | A-4664 | 1 | | C16 | |
| | | A-4664 | 1 | | C18 | |
| | | A-4664 | 1 | | C20 | |
| | | A-4664 | 1 | | C21 | |
| | | A-4664 | 1 | | C22 | |
| | | A-4664 | 1 | | C23 | |
| | | A-4664 | 1 | | C24 | |
| | | A-4664 | 1 | | C25 | |
| | | A-4664 | 1 | | C26 | |
| | | A-4664 | 1 | | C28 | |
| | | A-4664 | 1 | | C29 | |
| | | A-4664 | 1 | | C30 | |
| | | A-4664 | 1 | | C31 | |
| A-4664 | 1 | | C35 | | | |
| A-4664 | 1 | | C37 | | | |
| A-4664 | 1 | | C39 | | | |
| A-4664 | 1 | | C40 | | | |
| A-4664 | 1 | | C42 | | | |
| A-4664 | 1 | | C43 | | | |
| A-4664 | 1 | | C45 | | | |
| A-4664 | 1 | | C46 | | | |
| A-4664 | 1 | | C50 | | | |
| A-4664 | 1 | | C51 | | | |

MATERIAL LIST

A-4664
REV. A

PAGE 2

OF

| PART NUMBER | DESCRIPTION | USED ON | QUANTITY | QUANTITY PER UNIT | REFERENCE SYMBOLS | SPECIAL NOTES REFER TO S 1200 |
|--------------|------------------|---------|----------|-------------------|-------------------|-------------------------------|
| | | A-4664 | 1 | | C52 | |
| | | A-4664 | 1 | | C55 | |
| | | A-4664 | 1 | | C56 | |
| | | A-4664 | 1 | | C57 | |
| | | A-4664 | 1 | | C58 | |
| | | A-4664 | 1 | | C60 | |
| | | A-4664 | 1 | 38* | C61 | |
| CC100-29 | CAP., FXD, CER | A-4664 | 1 | | C5 | |
| | | A-4664 | 1 | | C9 | |
| | | A-4664 | 1 | | C13 | |
| | | A-4664 | 1 | 4* | C17 | |
| CF135-19 | COIL FORM | TT300 | 2 | 2* | | |
| CI137-1 | CORE | TT300 | 2 | 2* | | |
| CK1346 | DIAG, SCHEM | A-4664 | 1 | 1* | | |
| CL33CE200MN3 | CAP., FXD, EL NP | A-4664 | 1 | 1* | C62 | |
| CL430-4 | COIL, VAR, RF | A-4664 | 1 | | L2 | |
| | | A-4664 | 1 | | L3 | |
| | | A-4664 | 1 | | L4 | |
| | | A-4664 | 1 | 4* | L5 | |
| CL433-101 | COIL, RF, FXD | A-4664 | 1 | 1* | L8 | |
| | | A-4664 | 1 | 2* | L1 | |
| CL433-102 | COIL, RF, FXD | A-4664 | 1 | 1* | L1 | |
| CL433-472 | COIL, RF, FXD | A-4664 | 1 | | L6 | |
| | | A-4664 | 1 | 2* | L7 | |
| CM111E220J5S | CAP., FXD, MICA | A-4664 | 1 | | C3 | |
| | | A-4664 | 1 | | C34 | |
| | | A-4664 | 1 | 3* | C48 | |

MATERIAL LIST

A-4664
REV. A

PAGE 3

OF

| PART NUMBER | DESCRIPTION | USED ON | QUANTITY | QUANTITY PER UNIT | REFERENCE SYMBOLS | SPECIAL NOTES REFER TO S 1200 |
|--------------|-----------------|---------|----------|-------------------|-------------------|-------------------------------|
| CM111F471G5S | CAP., FXD, MICA | A-4664 | 1 | | C32 | |
| | | A-4664 | 1 | | C47 | |
| | | A-4664 | 1 | 3* | C59 | |
| CM111F621G3S | CAP., FXD, MICA | A-4664 | 1 | | C38 | |
| | | A-4664 | 1 | 2* | C41 | |
| CM112F272J5S | CAP., FXD, MICA | A-4664 | 1 | | C15 | |
| | | A-4664 | 1 | | C7 | |
| | | A-4664 | 1 | | C19 | |
| | | A-4664 | 1 | 4* | C11 | |
| CM112F332G5S | CAP., FXD, MICA | A-4664 | 1 | | C36 | |
| | | A-4664 | 1 | 2* | C44 | |
| CM112F392F5S | CAP., FXD, MICA | A-4664 | 1 | 1* | C27 | |
| CS13BC227K | CAP., FXD, TANT | A-4664 | 1 | | C53 | |
| | | A-4664 | 1 | 2* | C54 | |
| CU168-2 | RETAINER | TT300 | 2 | 2* | | |
| FX256 | FIL, BP-150KHZ | A-4664 | 1 | 1* | FL1 | |
| MIL1N756A | DIODE, ZNR | A-4664 | 1 | | VR1 | |
| | | A-4664 | 1 | 2* | VR2 | |
| MIL1N758A | DIODE, ZNR | A-4664 | 1 | | VR3 | |
| | | A-4664 | 1 | 2* | VR4 | |
| MIL1N914 | SCOND DEV, DIO | A-4664 | 1 | | CR1 | |
| | | A-4664 | 1 | | CR2 | |
| | | A-4664 | 1 | | CR3 | |
| | | A-4664 | 1 | | CR4 | |
| | | A-4664 | 1 | | CR5 | |
| | | A-4664 | 1 | | CR6 | |

MATERIAL LIST

A-4664
REV. A

PAGE 4

OF

| PART NUMBER | DESCRIPTION | USED ON | QUANTITY | QUANTITY PER UNIT | REFERENCE SYMBOLS | SPECIAL NOTES REFER TO S 1200 |
|-------------|---------------|---------|----------|-------------------|-------------------|-------------------------------|
| | | A-4664 | 1 | | CR7 | |
| | | A-4664 | 1 | | CR8 | |
| | | A-4664 | 1 | | CR9 | |
| | | A-4664 | 1 | | CR10 | |
| | | A-4664 | 1 | | CR11 | |
| | | A-4664 | 1 | | CR12 | |
| | | A-4664 | 1 | | CR16 | |
| | | A-4664 | 1 | | CR17 | |
| | | A-4664 | 1 | 15* | CR18 | |
| MIL2N1132 | TRANSISTOR | A-4664 | 1 | 1* | Q11 | |
| MIL2N1711 | TRANSISTOR | A-4664 | 1 | 1* | Q10 | |
| MIL2N4221 | TRANSISTOR | A-4664 | 1 | | Q1 | |
| | | A-4664 | 1 | | Q2 | |
| | | A-4664 | 1 | | Q3 | |
| | | A-4664 | 1 | 4* | Q4 | |
| MIL2N706 | TRANSISTOR | A-4664 | 1 | | Q5 | |
| | | A-4664 | 1 | | Q6 | |
| | | A-4664 | 1 | | Q7 | |
| | | A-4664 | 1 | | Q8 | |
| | | A-4664 | 1 | 5* | Q9 | |
| MIL3N128 | TRANSISTOR | A-4664 | 1 | 1* | Q12 | |
| NW156 | OPER. AMP | A-4664 | 1 | | Z1 | |
| | | A-4664 | 1 | | Z2 | |
| | | A-4664 | 1 | 3* | Z3 | |
| PC425 | PC CARD | A-4664 | 1 | 1* | | |
| PX829-3 | PAD TSTR. MTG | A-4664 | 2 | 2* | | |
| PX829-5 | PAD TSTR. MTG | A-4664 | 10 | 10* | | |

MATERIAL LIST

A-4664
REV. A

PAGE 5 OF

| PART NUMBER | DESCRIPTION | USED ON | QUANTITY | QUANTITY PER UNIT | REFERENCE SYMBOLS | SPECIAL NOTES REFER TO S 1200 |
|-------------|----------------|------------|----------------|-------------------|-------------------|-------------------------------|
| RC07GF102J | RES, FXD, COMP | A-4664 | 1 | | R37 | |
| | | A-4664 | 1 | | R38 | |
| | | A-4664 | 1 | | R43 | |
| | | A-4664 | 1 | | R50 | |
| | | A-4664 | 1 | 5* | R63 | |
| RC07GF103J | RES, FXD, COMP | A-4664 | 1 | | R23 | |
| | | A-4664 | 1 | | R35 | |
| | | A-4664 | 1 | | R36 | |
| | | A-4664 | 1 | | R39 | |
| | | A-4664 | 1 | | R41 | |
| | | A-4664 | 1 | | R42 | |
| | | A-4664 | 1 | | R45 | |
| | | A-4664 | 1 | | R46 | |
| | | A-4664 | 1 | | R51 | |
| | | A-4664 | 1 | | R52 | |
| | | A-4664 | 1 | | R60 | |
| | | A-4664 | 1 | 12* | R76 | |
| | | RC07GF104J | RES, FXD, COMP | A-4664 | 1 | |
| A-4664 | 1 | | | 2* | R61 | |
| RC07GF152J | RES, FXD, COMP | A-4664 | 1 | | R40 | |
| | | A-4664 | 1 | | R58 | |
| | | A-4664 | 1 | | R65 | |
| | | A-4664 | 1 | | R68 | |
| | | A-4664 | 1 | 5* | R75 | |
| RC07GF154J | RES, FXD, COMP | A-4664 | 1 | | R4 | |
| | | A-4664 | 1 | | R11 | |
| | | A-4664 | 1 | | R15 | |
| | | A-4664 | 1 | 4* | R22 | |
| RC07GF221J | RES, FXD, COMP | A-4664 | 1 | | R27 | |
| | | A-4664 | 1 | | R31 | |
| | | A-4664 | 1 | | R48 | |

MATERIAL LIST

A-4664
REV. A

PAGE 6 OF

| PART NUMBER | DESCRIPTION | USED ON | QUANTITY | QUANTITY PER UNIT | REFERENCE SYMBOLS | SPECIAL NOTES REFER TO S 1200 |
|-------------|----------------|---------|----------|-------------------|-------------------|-------------------------------|
| | | A-4664 | 1 | 4* | R55 | |
| RC07GF222J | RES, FXD, COMP | A-4664 | 1 | 1* | R33 | |
| RC07GF223J | RES, FXD, COMP | A-4664 | 1 | 1* | R64 | |
| RC07GF332J | RES, FXD, COMP | A-4664 | 1 | 1* | R30 | |
| RC07GF333J | RES, FXD, COMP | A-4664 | 1 | 1* | R77 | |
| RC07GF470J | RES, FXD, COMP | A-4664 | 1 | | R13 | |
| | | A-4664 | 1 | | R19 | |
| | | A-4664 | 1 | | R24 | |
| | | A-4664 | 1 | | R69 | |
| | | A-4664 | 1 | 5* | R70 | |
| RC07GF471J | RES, FXD, COMP | A-4664 | 1 | | R28 | |
| | | A-4664 | 1 | | R29 | |
| | | A-4664 | 1 | | R47 | |
| | | A-4664 | 1 | | R59 | |
| | | A-4664 | 1 | 5* | R72 | |
| RC07GF472J | RES, FXD, COMP | A-4664 | 1 | | R6 | |
| | | A-4664 | 1 | | R8 | |
| | | A-4664 | 1 | | R9 | |
| | | A-4664 | 1 | | R14 | |
| | | A-4664 | 1 | | R17 | |
| | | A-4664 | 1 | | R20 | |
| | | A-4664 | 1 | | R25 | |
| | | A-4664 | 1 | | R26 | |
| | | A-4664 | 1 | | R32 | |
| | | A-4664 | 1 | | R49 | |
| | | A-4664 | 1 | | R53 | |
| | | A-4664 | 1 | 12* | R56 | |
| RC07GF473J | RES, FXD, COMP | A-4664 | 1 | | R7 | |

MATERIAL LIST

A-4664
REV. A

PAGE 7

OF

| PART NUMBER | DESCRIPTION | USED ON | QUANTITY | QUANTITY PER UNIT | REFERENCE SYMBOLS | SPECIAL NOTES REFER TO S 1200 |
|--------------|----------------|---------|----------|-------------------|-------------------|-------------------------------|
| | | A-4664 | 1 | | R12 | |
| | | A-4664 | 1 | | R18 | |
| | | A-4664 | 1 | | R62 | |
| | | A-4664 | 1 | | R66 | |
| | | A-4664 | 1 | | R67 | |
| | | A-4664 | 1 | | R71 | |
| | | A-4664 | 1 | | R73 | |
| | | A-4664 | 1 | 19* | R74 | |
| RC07GF474J | RES, FXD, COMP | A-4664 | 1 | | R5 | |
| | | A-4664 | 1 | | R10 | |
| | | A-4664 | 1 | | R16 | |
| | | A-4664 | 1 | 4* | R21 | |
| RC20GF681J | RES, FXD, COMP | A-4664 | 1 | | R1 | |
| | | A-4664 | 1 | 2* | R2 | |
| RL178U6D4R0 | REL, ARM | A-4664 | 1 | | K1 | |
| | | A-4664 | 1 | | K2 | |
| | | A-4664 | 1 | 3* | K3 | |
| RV125-P502 | RES, VAR, COMP | A-4664 | 1 | 1* | R34 | |
| RV124-1+1033 | RES, VAR, COMP | A-4664 | 1 | | R44 | |
| | | A-4664 | 1 | | R57 | |
| | | A-4664 | 1 | 3* | R78 | |
| RV124-1+5011 | RES, VAR, COMP | A-4664 | 1 | 1* | R3 | |
| TE0127-2 | TERM., STUD | PC425 | 1 | | TP1 | |
| | | PC425 | 1 | | TP2 | |
| | | PC425 | 1 | | TP3 | |
| | | PC425 | 1 | | TP4 | |
| | | PC425 | 1 | | TP5 | |
| | | PC425 | 1 | | TP6 | |

MATERIAL LIST

A-4664
REV. A

PAGE 8

OF

| PART NUMBER | DESCRIPTION | USED ON | QUANTITY | QUANTITY PER UNIT | REFERENCE SYMBOLS | SPECIAL NOTES REFER TO S 1200 | |
|----------------------------|-----------------------|---------|----------|-------------------|-------------------|-------------------------------|--|
| TT300 1/16/70 REV A | XFMR EMN 19724 | PC425 | 1 | | TP7 | | |
| | | PC425 | 1 | | TP8 | | |
| | | PC425 | 1 | | TP9 | | |
| | | PC425 | 1 | | TP10 | | |
| | | PC425 | 1 | | TP11 | | |
| | | PC425 | 1 | | TP12 | | |
| | | PC425 | 1 | | TP13 | | |
| | | PC425 | 1 | | TP14 | | |
| | | PC425 | 1 | | TP15 | | |
| | | PC425 | 1 | | TP16 | | |
| | | PC425 | 1 | | TP17 | | |
| | | PC425 | 1 | | TP18 | | |
| | | PC425 | 1 | | TP19 | | |
| | | PC425 | 1 | | 20* | TP20 | |
| | | A-4664 | | 1 | | T1 | |
| | | A-4664 | | 1 | 2* | T2 | |