NOTES: UNLESS OTHERWISE SPECIFIED

1. WORKMANSHIP STANDARDS AND ACCEPTABILITY REQUIREMENTS SHALL MEET IPC-A-610 (LATEST VERSION).
2. THIS DOCUMENT AND RELATED ARTWORK ARE COMPUTER GENERATED. CHANGES ARE TO BE PERFORMED ON THE ORIGINAL DATABASE IN SECTION 383.
3. SOLDER COMPONENTS USING LEADED SOLDER, ITEM 3.
4. CLEAN SOLDER FLUX FROM BOARD SO THAT THERE IS NO DISCERNABLE RESIDUE.
5. MARK IN LOCATION SHOWN WITH 1.0 mm MINIMUM HIGH CHARACTERS THE DASH NUMBER, THE REV LETTER, AND THE SERIAL NUMBER "NXXXXX" (WHERE N IS A VENDOR DESIGNATION LETTER ASSIGNED BY JPL AND XXXXX IS A UNIQUE 5 DIGIT SERIAL NUMBER FOR EACH PART. THE VENDOR DESIGNATION AND THE STARTING SERIAL NUMBER SHALL BE IN ACCORDANCE WITH THE VALUES PROVIDED IN THE PURCHASE ORDER).
6. FOR SCHEMATIC DIAGRAM SEE JPL DRAWING 10398569.
7. THIS PRINTED WIRING ASSEMBLY CONSISTS OF SURFACE MOUNT AND THROUGH-HOLE TECHNOLOGY.

(SEE SEPARATE PARTS LIST)

PRT QTY  REFDES  CAT DESCRIPTION  REF  MTR  SPC

AR 3 5632PLT  SOLDER, LEADED  L-STD-005A
AR 2  ETTRIM 50-100F CATALYST 9 IMK, WHITE EPOXY  IPC-4711
1  1 10398570-1 PRINTED WIRING BOARD, EDGE SENSOR CONTROLLER  REV A

REVISION HISTORY

REV DESCRIPTION CAT DWN ENGR
A INITIAL RELEASE II - -
B CHANGED WHEB CONNECTOR, P6 TO 50 PINS. ADC_CS AND SG_SWAP ARE NOW ADC_CS1 AND ADC_CS2, SG, ENA IS NOW SPARE3.  FL, METER, ENA AND THERMISTOR ENABLE CHANGED TO ADC1, DRY1 AND DRY2 RETURN SIGNALS FROM THE WHEB ADCs. CFG0 THRU CFG2 NOW ARE INPUTS FROM THE WHEB. ADDED FLASH DEVICE, U1. ADDED SPI ADDRESS DECODER, U8. ADDED 1-WIRE INTERFACE, U13. ADDED SPI PROGRAMMING SIGNALS FOR WING BOARD FPGA. ADDED ON-BOARD 3.0V REFERENCE DEVICE, U14, AND BUFFERS, U15, AND ISOLATION TEST CIRCUITS.

SEE JPL DATA MANAGEMENT SYSTEM FOR APPROVAL SIGNATURES AND DATES

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PROJECT SCALE DRAWING
INTERNATIONAL AEROSPACE STANDARDS
INTERPRET DWG PER ASME 114.100

SEE JPL DATA MANAGEMENT SYSTEM FOR APPROVAL SIGNATURES AND DATES

PRINTED WIRING ASSEMBLY, USEB MICRO-CONTROLLER UNIT

CONTRACT NO.

DWN. D. PALMER

ENGR. C. SHELTON

NEXT ASSEMBLY USED ON

APPLICATION

-scale 1/1 UNCLASSIFIED SHEET 1 OF 2