

| CABLE ASSEMBLIES | | | | | | | |
|------------------|--|------------|----------|-----|-----|-----------------------|----------|
| DRAWING NO | SYSTEM | EQUIP TYPE | QUANTITY | | | PRE A/W MOD DELETIONS | CL I ECR |
| | | | STD | OPT | SER | | |
| 8600201 | AVIONICS SYSTEMS REF INFO | CESSNA | REF | | | | |
| 8601103-1 | COMM 2 (RCZ-833) | HONEYWELL | 1 | | | | |
| 8601107-1 | COMM 1 (RCZ-833) | HONEYWELL | 1 | | | | |
| 8601117-1 | DUAL RMU & STANDBY CNTRL | HONEYWELL | | | 1 | | |
| 8602108-1 | ELT 110-406 | ARTEX | | 1 | | | |
| 8603005-1 | AIRCRAFT SYS PROGRAMMING | HONEYWELL | 1 | | | | |
| 8603007-1 | ELT SYS PROGRAMMING | ARTEX | | 1 | | | |
| 8603104-1 | NAV 1 (RNZ-850) (IC615) | HONEYWELL | | | 1 | | |
| 8603105-1 | NAV 2 (RNZ-850B) (IC615) | HONEYWELL | | | 1 | | |
| 8604104-1 | ADF 1 (DF-850) | HONEYWELL | 1 | | | | |
| 8607103-1 | DME 1 (DM-850) (IC615) | HONEYWELL | | | 1 | 8604106-1 | |
| 8607104-1 | DME 2 (DM-850) (IC615) | HONEYWELL | | | 1 | | |
| 8608103-1 | DUAL MODE S XPDR (XS-852) | HONEYWELL | 1 | | | | |
| 8608106-1 | TCAS II SYS PROG | HONEYWELL | | 1 | | | |
| 8608120-1 | TCAS II (CHG 7) | HONEYWELL | | 1 | | | |
| 8610112-1 | HF COMM (KHF-950) | HONEYWELL | | 1 | | | |
| 8611101-1 | WEATHER RADAR (P880) | HONEYWELL | 1 | | | | |
| 8611103-1 | RADAR ADAPTER CABLE | PRIMUS 880 | 1 | | | | |
| 8611114-1 | STORMSCOPE (WX-950) | GOODRICH | | | 1 | | |
| 8612103-1 | PILOT'S CONTROL WHEEL | CESSNA | 1 | | | | |
| 8612104-1 | COPILOT'S CONTROL WHEEL | CESSNA | 1 | | | | |
| 8612129-1 | PILOT'S CONTROL COLUMN | CESSNA | 1 | | | | |
| 8612130-1 | COPILOT'S CONTROL COLUMN | CESSNA | 1 | | | | |
| 8612107-1 | PILOT'S REV&AHS SWITCHES | CESSNA | 1 | | | | |
| 8612108-1 | CPLT'S REV&AHS SWITCHES | CESSNA | 1 | | | | |
| 8612115-1 | GO-AROUND SWITCH | CESSNA | REF | | | | |
| 8612128-1 | PILOT'S P-1000 DSPL/GUID | HONEYWELL | | | 1 | | |
| 8612121-1 | CPLT'S P-1000 DSPL/GUID | HONEYWELL | | | 1 | | |
| 8612127-1 | IC-615 CONFIG PROG | HONEYWELL | | | 1 | | |
| 8613102-1 | B&D CABIN DISPLAY DISC | CESSNA | 1 | | | | |
| 8613105-1 | DUAL MADC (AZ-850) | HONEYWELL | 1 | | | | |
| 8614101-1 | DATA BUS (3-TUBE) | HONEYWELL | 1 | | | | |
| 8614103-1 | MFD W/ EGPWS | HONEYWELL | | 1 | | | |
| 8615109-1 | AUDIO LH SIDE CONSOLE | CESSNA | REF | | | | |
| 8615110-1 | AUDIO RH SIDE CONSOLE | CESSNA | REF | | | | |
| 8615111-1 | MIC SELECT SWITCH | CESSNA | REF | | | | |
| 8615115-1 | RADIO/AUDIO RSB BUSSING | HONEYWELL | 1 | | | | |
| 8615134-1 | EROS OXY MASK ADAPTER CABLE | CESSNA | REF | | | | |
| 8615137-1 | AUDIO (HONEYWELL/IC615) | HONEYWELL | | | 1 | | |
| 8616106-1 | RAD ALT (ALT-55B) W/EGPWS | COLLINS | | 1 | | | |
| 8616138-1 | EGPWS W/TCAS, DUAL FMS & OBS DB | HONEYWELL | | | 1 | | |
| 8617107-1 | AHRS 1 (LCR-93) | LITEF | 1 | | | | |
| 8617106-1 | AHRS 2 W/SYNCHRO (LCR-93) | LITEF | | | 1 | | |
| 8618102-1 | 5VDC LIGHTING DIST | CESSNA | 1 | | | | |
| 8618103-1 | AVIONICS GROUND BLOCKS | CESSNA | 1 | | | | |
| 8618179-1 | AWN (REF) CB & PWR DIST W/IC615, GPS, STORMSCOPE | CESSNA | | | 1 | | |
| 8618137-1 | 26VAC INVERTER | KGS | | | 1 | | |
| 8619101-1 | EMERGENCY HSI (HSI-315B) | AERONETICS | 1 | | | | |
| 8622108-1 | FDR (JAA) W/ FDAU | HONEYWELL | | | 1 | | |
| 8622109-1 | CVR (FA2100) | L3 | | 1 | | | |
| 8623222-1 | FMS 1 (IC-615) | HONEYWELL | | | 1 | | |
| 8623223-1 | FMS 2 (IC-615) | HONEYWELL | | | 1 | | |
| 8623238-1 | CD-820 FMS CONFIGURATION | HONEYWELL | | | 1 | | |
| 8623237-1 | KLN-90B GPS (STANDALONE) | HONEYWELL | | | 1 | | 50371 |
| 8624101-1 | AIRSHOW 400 (PEDESTAL) | AIRSHOW | | | 1 | | |

2 AVIONICS CABLE KIT - XL-5292

NOTES:

1 HIRF ASSEMBLY TECHNIQUES ARE REQUIRED FOR ALL WIRES THAT TERMINATE AT THE IC-600 COMPUTER FROM INDICATED SYSTEMS INCLUDING WIRES GOING TO THE AVIONICS J-BOX BEFORE TERMINATING AT THE IC-600. THE HIRF HARDENED WIRES FROM INDICATED SYSTEMS MUST BE BUNDLED TOGETHER, IDENTIFIED WITH MS3367-1-0 BLACK TIE STRAPS AND ROUTED SEPERATELY FROM OTHER AVIONIC AND ELECTRICAL BUNDLES. DO NOT USE THESE BLACK TIE STRAPS TO SECURE BUNDLES TO OTHER BUNDLES OR STRUCTURE. SHIELD TERMINATION SHALL BE IN ACCORDANCE WITH CSAM012.

| OPTIONAL SYSTEMS INSTALLED | | | |
|----------------------------|-----------|-----------|----------|
| SYSTEM | VENDOR | TYPE | CL I ECR |
| HF COMM | HONEYWELL | KHF-950 | |
| EGPWS (213-213) | HONEYWELL | MARK V | |
| ELT W/NAV | ARTEX | 110-406 | |
| FDR (PROV) | HONEYWELL | JAA | |
| TCAS II (CHG 7) | HONEYWELL | CAS-67A | |
| DOUBLE PEDESTAL | CESSNA | | |
| RH GEAR HANDLE | CESSNA | CTR PANEL | |
| RMT CABIN TEMP | CESSNA | CTR PANEL | |
| APU | HONEYWELL | RH PANEL | |

| SPECIAL SYSTEMS INSTALLED | | | |
|---------------------------|-----------|---------------|----------|
| SYSTEM | VENDOR | TYPE | CL I ECR |
| CABIN BRIEFER | AIRSHOW | 400(PEDESTAL) | |
| DUAL FMS/GPS W/DTU | HONEYWELL | IC-615/CD-820 | |
| GPS | HONEYWELL | KLN-90B | 50371 |
| STORMSCOPE | GOODRICH | WX-950 | |

| PRE A/W MODIFICATIONS - SYSTEMS INSTALLED | | | | |
|---|----------------|-----------|------------|----------|
| A/C/D | SYSTEM | VENDOR | TYPE | CL I ECR |
| X | ADF 2 | HONEYWELL | DF-850 | |
| X | FOREIGN CERT | CESSNA | NETHERLAND | |
| X | FDR (FULL) | HONEYWELL | JAA | |
| X | FDR (PROV) | HONEYWELL | JAA | |
| X | IC-615 PHASE 3 | HONEYWELL | PHASE 3 | |

A = ADDITIONS C = CHANGES D = DELETIONS

4 CONFIGURE FOR NETHERLAND CERTIFICATION AS FOLLOWS:-
-INCHES/HPA:HPA-

| REVISIONS | | | |
|-----------|-----|--|----------------|
| SHT | LTR | DESCRIPTION | DATE APPROVED |
| 1 | A | BY REVISION: 1) ADDED THE FOLLOWING SYSTEMS TO THE PRE-A/W TABLE: DELETED JAA FDR (FULL) DELETED ADF 2 DELETED NETHERLANDS CERT ADDED JAA FDR (PROV). 2) DELETED: 8623021-1 8630013-1 8654003-6 8650009-2 8604106-1 6) NOTES 3 & 4 8) 8604002-1. 9) 8622006-7 WAS 8622006-6. 10) 8654023-9 WAS 8654023-8. 11) ADDED 8654003-9. EC 565292 | 5/15/02 AJO |
| 1 | B | BY REVISION: 1) ADDED "IC-615 PHASE 3" TO PRE-AW MOD LIST. 2) 8654023-68 WAS 8654023-30. EC 565292 | 9/25/02 CBS |

2. BOTH AURAL WARNING UNITS & PRIMUS II AUDIO PANELS REQUIRE ADJUSTMENT AS FOLLOWS:

1287-1-2 AURAL WARN UNIT ONLY HAS A SINGLE AMPLITUDE ADJUSTMENT. LOAD OUTPUT WITH 600Ω RESISTIVE LOAD OR PRIMUS II AUDIO PANEL.

| SIGNAL | INPUT PIN | SIGNAL OUTPUT PINS | SIGNAL** |
|----------|-----------|--------------------|-------------------|
| AP/OFF | 5 | GND 13(H)&25(L) | 3.0 -0.0, +0.4Vpp |
| O/SPEED* | 17 | GND 13(H)&25(L) | 3.0 -0.0, +0.4Vpp |
| ALT ALRT | 18 | GND 13(H)&25(L) | 3.0 -0.0, +0.4Vpp |

* GATED ON/OFF @ APPROX 3.8 Hz
** MEASURE WITH OSCILLOSCOPE

PRIMUS II AUDIO PANEL. USE HONEYWELL RTSU & PROCEDURES TO MAKE ADJUSTMENTS.

| INPUT SIGNAL | ADJUSTMENT | OUTPUT SIGNAL-SPEAKER |
|---------------------------|-----------------|-----------------------|
| 2.5 ±0.1Vrms INTO WARN #2 | WARN #2(TCAS) | 2.0 ±0.1Vrms |
| 2.5 ±0.1Vrms INTO WARN #3 | WARN #3(AURALS) | 0.8 ±0.05Vrms |
| 2.5 ±0.1Vrms INTO WARN #5 | WARN #5(GPWS) | 1.2 ±0.1Vrms |

| INPUT SIGNAL | ADJUSTMENT | OUTPUT SIGNAL-HEADPHONES |
|---------------------------|------------------|--------------------------|
| 2.5 ±0.1Vrms INTO WARN #2 | PHONE WARN LEVEL | 2.2 ±0.1Vrms |

3 MODIFY LH AND RH INSTRUMENT PANEL PER 8690009-DC-550 MOD DRAWING.

CCD DWG DO NOT SCALE /

| | | |
|----------------------|-----------------|--|
| DATE | 04/18/02 | CITATION EXCEL AVIONICS INSTALLATION KIT XL-5292 |
| DRAWN | A. OLECHOWSKI | |
| GROUP | | SEE AUTHORIZED SIGNATURE PAGE |
| CHECK | | |
| SECT | | 8685292 |
| PROJ | | |
| M. E. | | D 71379 |
| FABRICATE PER | | |
| PROCESS PER | | 8685292 |
| WIRE TERMINATION PER | | |
| SIZE | CODE IDENT. NO. | DRAWING NO. |
| | 0 | 8685292 |
| SCALE | 0 | SHEET 1 OF 2 |

EQUIPMENT INSTALLATION

| DRAWING NO | SYSTEM | EQUIP TYPE | QUANTITY | | | PRE A/W MOD DELETIONS | CL I ECR |
|------------|-----------------------------|-----------------|----------|-----|-----|-----------------------|----------|
| | | | STD | OPT | SER | | |
| 6665140 | DOUBLE PEDESTAL INSTL | CESSNA | | REF | | | |
| 8611008-1 | STORMSCOPE WIRE ROUTING | CESSNA | | | 1 | | |
| 8612001-10 | WARNING HORN BRACKET INSTL | CESSNA | 1 | | | | |
| 8613001-1 | TEMPERATURE PROBE INSTL | ROSEMONT | 1 | | | | |
| 8613001-2 | TEMP PROBE RELAY INSTL | CESSNA | 1 | | | | |
| 8615001-1 | COCKPIT MICROPHONE INSTL | TELEX | 1 | | | | |
| 8615001-11 | LH MIC JACK & HEADSET INSTL | TELEX | 1 | | | | |
| 8615001-12 | RH MIC JACK & HEADSET INSTL | TELEX | 1 | | | | |
| 8617002-1 | LH FLUX DET SHIELD INSTL | CESSNA | 1 | | | | |
| 8617002-2 | RH FLUX DET SHIELD INSTL | CESSNA | 1 | | | | |
| 9617034-1 | FLUX DETECTOR INSTL LH | FX-220 | 1 | | | | |
| 9617034-2 | FLUX DETECTOR INSTL RH | FX-220 | 1 | | | | |
| 8618002-1 | 26VAC INVERTER INSTL | KGS | | | 1 | | |
| 8622006-7 | JAA FDR INSTL (PROV) | HONEYWELL | | 1 | | 8622006-6 | |
| 8622063-1 | JAA FDR CONFIG COLLECTOR | CESSNA | | 1 | | | |
| 8654002-1 | RADIO ALTIMETER EQUIP INSTL | ALT-55B | 1 | | | | |
| 8654005-1 | HF COMM | HONEYWELL | | 1 | | 8630013-1 | |
| 8654005-29 | EGPWS INSTL (213-213) | HONEYWELL | | 1 | | | |
| 8654005-5 | STRUCTURE INSTL- UPPER TC | CESSNA | 1 | | | | |
| 8654005-32 | CVR FA2100 | L3 | 1 | | | | |
| 8654006-36 | TCAS II INSTL | HONEYWELL | | 1 | | | |
| 8654008-10 | CABIN LOGIC BOX INSTL | CESSNA | 1 | | | | |
| 8654008-11 | HF RELAY BOX INSTL | CESSNA | | 1 | | | |
| 8654008-12 | AUDIO DISCRETE MOD INSTL | CESSNA | 1 | | | | |
| 8654014-9 | RECEPTACLE BRACKET INSTL | CESSNA | 1 | | | | |
| 8654015-15 | PLTS AURAL WRNING BOX INSTL | CESSNA | 1 | | | | |
| 8654015-16 | CPLT AURAL WRNING BOX INSTL | CESSNA | 1 | | | | |
| 8654022-2 | DU-870 TRAY INSTL - RH | HONEYWELL | 1 | | | | |
| 8654020-7 | DU-870 TRAY INSTL - CTR | HONEYWELL | | | 1 | | |
| 8654022-31 | DU-870 TRAY INSTL - LH | HONEYWELL | 1 | | | | |
| 8654023-11 | 8.33 KHZ COMM W/DIV INSTL | CESSNA | | 1 | | | |
| 8654023-39 | AHRS 1 INSTL (LCR-93) | CESSNA | 1 | | | | |
| 8654023-41 | AHRS 2 INSTL W/SYNCHRO | CESSNA | | | 1 | | |
| 8654023-68 | IC-615 W/DUAL FMS/TCAS | CESSNA | | | 1 | 8654023-30 | |
| 8654023-44 | STD AVN EQUIP INSTL | CESSNA | 1 | | | | |
| 8654023-7 | NAV 1 W/ADF INSTL | CESSNA | 1 | | | | |
| 8654023-9 | NAV 2 | CESSNA | 1 | | | 8654023-8 | |
| 8654070-3 | ICB/RS232 TEST PORT INSTL | DOUBLE PEDESTAL | | | 1 | | |
| 8654500-2 | GROUND BLOCK/STUD INSTL | CESSNA | 1 | | | | |
| 8654501-14 | AVN NOSE WIRE ROUTING | CESSNA | 1 | | | | |
| 8654505-22 | AVN CABIN WIRE ROUTING | CESSNA | 1 | | | | |
| 8654506-3 | AVN TAILCONE WIRE ROUTING | CESSNA | 1 | | | | |
| 8664115-1 | LH FWD FDTHRU PLATE INSTL | CESSNA | | | 1 | | |
| 8664239-1 | RH FWD FDTHRU PLATE INSTL | CESSNA | | | 1 | | |
| 8664305-1 | LH AFT FDTHRU PLATE INSTL | CESSNA | | 1 | | | |
| 8664538-1 | RH AFT FDTHRU PLATE INSTL | CESSNA | | | 1 | | |
| 8685292-2 | AVIONICS CABLE KIT | CESSNA | | 1 | | | |
| 9602020-13 | EMERGENCY LOC XMTR INSTL | ELT110-406 | | 1 | | | |
| 9654610-1 | CTRL COLUMN BUSHING INSTL | CESSNA | 1 | | | | |

① AVIONICS INSTALLATION KIT - XL-5292

REVISIONS

| ZONE/LTR | DESCRIPTION | DATE | APPROVED |
|----------|-------------|------|----------|
|----------|-------------|------|----------|

PANEL ASSEMBLIES

| DRAWING NO | PANEL | EQUIP TYPE | QUANTITY | | | PRE A/W MOD DELETIONS | CL I ECR |
|------------|---------------|------------|----------|-----|-----|-----------------------|-----------|
| | | | STD | OPT | SER | | |
| 8651059-1 | LH INSTR PNL | CESSNA | | | 1 | | |
| 8652287-1 | CTR INSTR PNL | CESSNA | | | 1 | | |
| 8653121-1 | RH INSTR PNL | CESSNA | | | 1 | | |
| 8659182-1 | PEDESTAL | CESSNA | | | 1 | | 8690009-2 |


C/B INSTL

| DRAWING NO | SYSTEM | QUANTITY | | PRE A/W MOD DELETIONS | CL I ECR |
|------------|--------------------|----------|-----|-----------------------|----------|
| | | OPT | SER | | |
| 8654003-17 | FDR/FDAU | 1 | | | |
| 8654003-2 | TCAS | 1 | | | |
| 8654003-14 | GPS | | 1 | | |
| 8654003-3 | EGPWS | 1 | | | |
| 8654003-34 | IC-615 FMS 2 | | 1 | | |
| 8654003-7 | HF COMM | 1 | | | |
| 8654003-28 | REMOVE FMS GND PWR | | 1 | | |
| 8654003-15 | AHRS AC | | 1 | | |
| 8654003-23 | STORMSCOPE | | 1 | | |
| 8654003-24 | INVERTER | | 1 | | |
| 8654003-9 | CABIN DISPLAY | | 1 | 8654003-6 | |

ANTENNA INSTALLATION

| DRAWING NO | SYSTEM | EQUIP TYPE | QUANTITY | | | PRE A/W MOD DELETIONS | CL I ECR |
|------------|-----------------|----------------|----------|-----|-----|-----------------------|-----------|
| | | | STD | OPT | SER | | |
| 8601002-4 | COMM 2 | 21-38-1RF/36 | 1 | | | | |
| 8601005-1 | COMM 1 | S65-8282-1 | 1 | | | | |
| 8602002-1 | ELT W/ NAV | 110-328-01 | | 1 | | | |
| 9603035-2 | NAV 1 & 2 | DMN4-17/P | 1 | | | | |
| 8603002-2 | GLIDESLOPE | RGS10-48 | 1 | | | | |
| 8604001-1 | ADF 1 | AT-860 | 1 | | | | 8604002-1 |
| 8605001-4 | MARKER BEACON | 31-10-01 | 1 | | | | |
| 8607001-1 | DME 1 | DMN150-2-2 | 1 | | | | |
| 8607002-1 | DME 2 | DMN150-2-2 | 1 | | | | |
| 8608001-1 | XPDR 2 | DMN150-2-2 | 1 | | | | |
| 8608002-1 | XPDR 1 | DMN150-2-2 | 1 | | | | |
| 8608005-1 | DIV XPDR 1 | DMN150-2-2 | | 1 | | | |
| 8608005-2 | DIV XPDR 2 | DMN150-2-2 | | 1 | | | |
| 8608003-2 | TCAS UPPER | 071-01548-0200 | | 1 | | | |
| 8608004-1 | TCAS LOWER | 071-01548-0100 | | 1 | | | |
| 8610001-5 | HF COMM | KHF-950 | | 1 | | | |
| 8611001-2 | RADAR R/T | PRIMUS 880 | 1 | | | | |
| 8611006-1 | STORMSCOPE | 805-10930-001 | | | 1 | | |
| 8616001-1 | RAD ALT | S67-2002 | 1 | | | | |
| 8623005-1 | GPS 1 (IC-615) | S67-1575-52 | | | 1 | | |
| 8623005-2 | GPS 2 (IC-615) | S67-1575-52 | | | 1 | | |
| 8623019-1 | GPS 3 (KLN-90B) | 071-01553-0200 | | | 1 | | |

CCD DWG DO NOT SCALE / SEE SEPARATE PARTS LIST

| | | | | |
|-------|---------------|--|--------|---|
| DATE | 04/18/02 | CESSNA AIRCRAFT COMPANY AIRCRAFT DIVISION P. O. BOX 7704 WICHITA KANSAS 67277 | |  |
| DRAWN | A. OLECHOWSKI | TITLE: CITATION EXCEL AVIONICS INSTALLATION KIT XL-5292 | | |
| GROUP | | M. E. | | |
| CHECK | | FABRICATE PER _____ | | |
| SECT | | PROCESS PER _____ | | |
| PROJ | | WIRE TERMINATION PER _____ | | |
| SIZE | D | CODE IDENT. NO. | D71379 | DRAWING NO. |
| SCALE | | | | 8685292 |
| | | | | SHEET 2 OF 2 |