NOTES:

1. THIS DRAWING FILED IN CCD.
2. PROGRAM CONFIGURATION MODULE USING IM-600 CONFIGURATION MODULE TOOL.

(A7) 3> SELECT THE APPROPRIATE P/N TO MATCH THE IC-615 P/N BEING PROGRAMMED. SELECT 7017000-96811/97811 FOR NON-HONEYWELL FMS IC-615. SELECT 7017000-98811/99811 FOR HONEYWELL FMS IC-615. THESE SELECTIONS APPLY TO BOTH PHASE I & II IC-615 P/N'S.

4> REFER TO THE AVIONICS KIT DRAWING FOR FOREIGN CERTIFICATION REQUIREMENTS, IF APPLICABLE.

5> CONFIGURE AS DUAL IF EQUIPPED FMS #2.

6> CONFIGURE AS NON-HONEYWELL FMS IF EQUIPPED WITH AN FMS EXTERNAL TO THE IC-615.

7> CONFIGURE AS DUAL IF EQUIPPED WITH ADF #2.

8> CONFIGURE AS INSTALLED IF RESPECTIVE SYSTEM IS INSTALLED.

9> ON #1 SIDE, SELECT INTERNAL GPS #1, IF EQUIPPED WITH INTERNAL HONEYWELL FMS. ON #2 SIDE, SELECT INTERNAL GPS #2, IF EQUIPPED WITH INTERNAL HONEYWELL FMS. SELECT NONE IF NO FMS OR NON-HONEYWELL FMS IS SELECTED.

10> ON #1 SIDE, SELECT GPS #2, IF EQUIPPED WITH INTERNAL HONEYWELL FMS 2. ON #2 SIDE, SELECT GPS #1, IF EQUIPPED WITH INTERNAL HONEYWELL FMS 2. SELECT NONE IF NOT EQUIPPED WITH INTERNAL HONEYWELL FMS #2.

11> ON #1 SIDE, SELECT AHRS #1. ON #2 SIDE, SELECT AHRS #2.

12> ON #1 SIDE, SELECT AHRS #2. ON #2 SIDE, SELECT AHRS #1.

(A6) 13> ~~CONFIGURE AS ALT-55, IF EQUIPPED WITH COLLINS ALT-55 RADIO ALTIMETER.~~

14> CONFIGURE AS SINGLE/LONE BOX, IF EQUIPPED WITH SINGLE HONEYWELL FMS.

15> CONFIGURE AS INSTALLED, IF EQUIPPED WITH TELELINK.

(A5) 16> CONFIGURE AS SHOWN UNLESS SPECIFIED OTHERWISE BY CUSTOMER/AOS:
FD COMMAND BARS MAY BE CONFIGURED AS "CROSS POINTER".
BARO/RAD PWR ON DEFAULT MAY BE CONFIGURED AS "RAD DEFAULT".
DME DISPLAY PWR UP DEFAULT MAY BE CONFIGURED AS "OFF".
METRIC ALT PRESELECTOR ENABLED MAY BE CONFIGURED AS "ENABLED".
AOA DISPLAY PWR UP DEFAULT MAY BE CONFIGURED AS "AOA ON" OR "AOA OFF".
POUND(LB)/KILOGRAM MAY BE CONFIGURED AS "KILOGRAMS (KG)".

(A11) 17> CONFIGURE AS "AUTO VSPEEDS ENABLED" IF OPTIONAL UNIVERSAL PERF DATABASE INSTALLED. OTHERWISE CONFIGURE AS "MANUAL VSPEEDS ONLY".

(B1) 18> FMS CONFIGURATION SECTION IS SHOWN FOR ILLUSTRATIVE PURPOSES. FMS CONFIGURATION PARAMETERS ARE ONLY AVAILABLE IF AN FMS EQUIPPED IC-615 PART NUMBER WAS SELECTED IN STEP 5.

CONFIGURATION MODULE PROGRAMMING PROCEDURE

(USING PC SERIAL PORT TO PEDESTAL DISCONNECT)

1. CONNECT THE SERIAL PORT OF THE LAPTOP TO THE ON SIDE IC-615 DIAGNOSTIC CONNECTOR IN THE PEDESTAL USING A 9 PIN STRAIGHT THROUGH CABLE.
2. (A8) INITIATE THE P1000 MAINTENANCE MODE: THIS CAN BE ACCOMPLISHED BY FIRST TUNING THE DESIRED ALTITUDE TO "980", THEN PRESSING BOTH THE "TEST" AND "BARO/RAD" BUTTONS ON THE ON-SIDE DISPLAY CONTROLLER SIMULTANEOUSLY FOR APPROXIMATELY 5 SECONDS. THE PFD WILL THEN PROMPT THE USER TO PRESS BUTTON 6 TO INITIATE DOWNLOAD TO/FROM THE IC-615.
3. ON THE LAPTOP, START THE IM-600 CONFIGURATION TOOLS SUITE. SELECT (SERIAL PORT) THEN CHOOSE OK.
4. CHOOSE FILE, NEW, FROM THE TOOL MENU.
5. CHOOSE THE FOLLOWING FROM THE CREATE CONFIGURATION FILE DIALOG BOX:

SELECT MANUFACTURE	CESSNA
SELECT AIRCRAFT	EXCEL
SELECT LRU PART NUMBER	7017000-9X811/9X811 <3

(6) FROM THE TREE MENU ON THE LEFT, SELECT EFIS. THE BOX ON THE RIGHT WILL DISPLAY TWO COLUMNS, PARAMETERS AND OPTION.

(7) TO CHANGE THE CONFIGURATION CLICK ON THE PARAMETER TO CHANGE AND THEN CLICK ON THE OPTION. A PULL DOWN MENU WILL APPEAR WITH THE AVAILABLE OPTIONS. SELECT THE OPTIONS SHOWN IN FIGURE 1.

(8) AFTER THE EFIS PARAMETERS ARE CONFIGURED, SELECT FMS FROM THE TREE MENU ON THE LEFT. THE FMS PARAMETERS AND OPTIONS WILL APPEAR SIMILAR TO FIGURE 2. SELECT THE OPTIONS SHOWN IN FIGURE 2 EXCEPT AS NOTED.

(9) SELECT THE PROGRAM BUTTON (OR FILE MENU, PROGRAM IM600). SAVE THE CONFIGURATION WHEN PROMPTED. THE CONFIGURATION WILL THEN BE LOADED INTO THE CONFIG MODULE.

(10) AFTER THE CONFIG MODULE HAS BEEN LOADED, PRESS THE VIEW USER CONFIGURATION FILE BUTTON (OR SELECT FROM THE VIEW MENU). VERIFY THE CONFIGURATION.

11. AFTER VERIFYING, SELECT FILE AND CLOSE. REPEAT STEPS 1 THROUGH 10 FOR THE OPPOSITE SIDE.

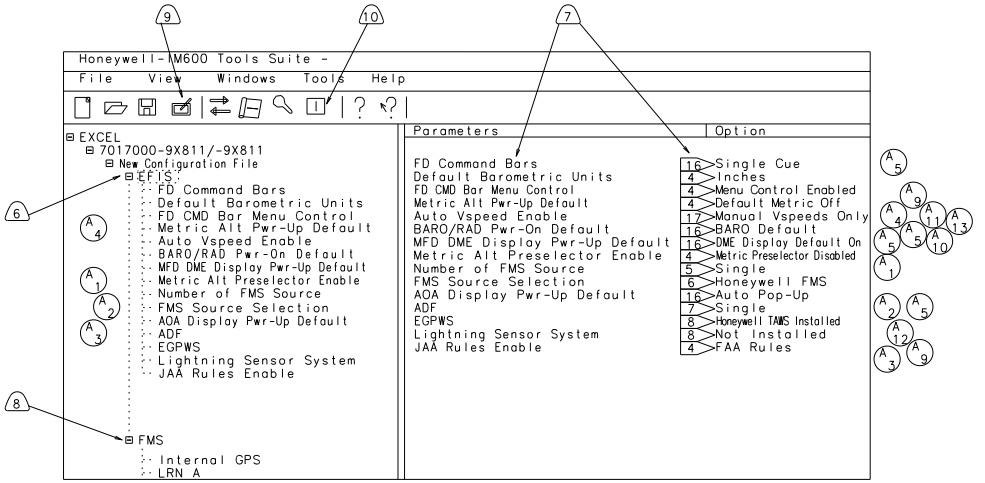
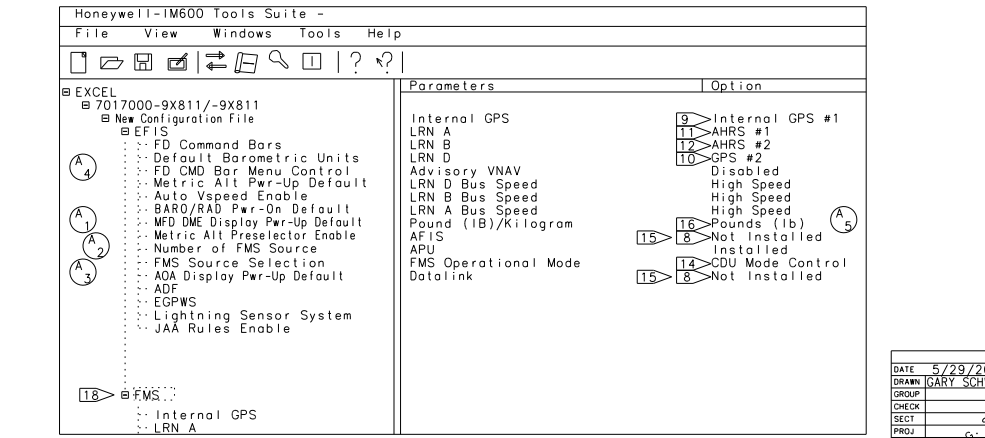


FIGURE 1. EFIS CONFIGURATIONS



18> FIGURE 2. HONEYWELL FMS CONFIGURATIONS.

REVISIONS				
SHEET	REV	DESCRIPTION	DATE	APPROVED
	A	BY REVISION:	04/21/04 SCM	SEE SIG SHT
1		1) REMOVED FMS#1, FMS#2 BUS SPEED SELECTIONS.		
1		2) REMOVED SRN RADIO TYPE & RAD ALT TYPE.		
1		3) REMOVED WEATHER RADAR.		
1		4) ADDED METRIC PWR-UP DEFAULT SELECTION.		
1		5) ADDED NOTE 16.		
1		6) REMOVED NOTE 13.		
1		7) REWORDED NOTE 3 TO CLARIFY FOR XLS PHASE I & II.		
1		8) "980" WAS "970".		
1		9) ADDED NOTE 4.		
1		10)"BARO" WAS "RAD".		
1		11)ADDED NOTE 17.		
1		12)ADDED NOTE 8.		
1		13)"MANUAL VSPEEDS ONLY" WAS "AUTO VSPEEDS ENABLED".		
		EFF: ECR 052743		
	B	BY REVISION:	7/27/05 COS	SEE SIG SHT
1		1)ADDED FLAGNOTE 18.		
		EFF: ECR 56962		

DATE	5/29/2003
DRAWN	GARY SCHWEIZER
GROUP	
CHECK	
SECT	
PROJ	
M.E.	
OTHER	SEE SIG. SHEET
FABRICATE PER	CSAM005
PROCESS PER	XXXXXXXXXXXX
WIRE TERMINATION PER	CES2716

CESSNA AIRCRAFT COMPANY
AIRCRAFT DIVISION
P.O. BOX 7704
WICHITA, KANSAS 67277

IM-600/IC-615
SYSTEM PROGRAMMING

SIZE F | FSCM NO. 71379 | DWG NO. 8612163

SCALE:SCL | PARENT: 8612158 | SHEET 1 OF 1

CES FORM 1872

8612163 B

EC 52743