

CD-820 FMS DISPLAY SYSTEM SETUP

AFTER INSTALLATION, THE CD-820 MUST BE CONFIGURED TO IDENTIFY AND INTERFACE WITH AVAILABLE SYSTEM COMPONENTS. THE PARALLAX AND VIEW ANGLES SHOULD ALSO BE SET TO MAXIMIZE PERFORMANCE. THE PROCEDURE IS AS FOLLOWS:

1. ENTERING SETUP MODE

ENTER THE SETUP MODE AS FOLLOWS:

1. TURN AVIONICS POWER OFF.
2. PULL BOTH IC-615 CIRCUIT BREAKERS.
3. TURN AVIONICS POWER ON.
4. PRESS AND HOLD THE **[FN]** KEY FOR 5 SECONDS.

THE SYSTEM SETUP PAGE IS SHOWN IN FIGURE 1. THIS PAGE SHOWS THE CD-820 OPTIONS AVAILABLE TO BE SELECTED AND CONFIGURED.

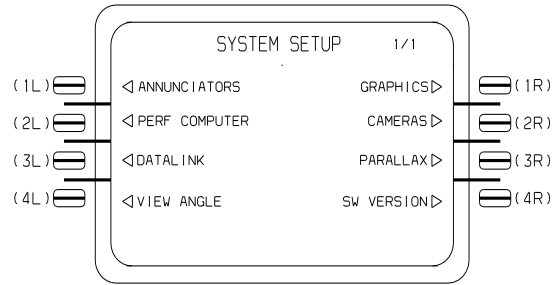


FIGURE 1

2. ANNUNCIATOR SETUP

PRESS ANNUNCIATORS (1L) ON THE SYSTEM SETUP 1/1 PAGE TO ACCESS THE ANNUNCIATOR SETUP PAGE 1/2 AND CONFIGURE AS FOLLOWS:

ANNUNCIATOR SETUP 1/2	
DR DISPLAY	YES
DGRAD DISPLAY	YES
MSG DISPLAY	YES

PRESS **[NEXT]** TO ACCESS ANNUNCIATOR SETUP PAGE 2/2 AND CONFIGURE AS FOLLOWS:

ANNUNCIATOR SETUP 2/2	
OFFSET DISPLAY	YES
APRCH DISPLAY	YES

PRESS RETURN (4R) TO RETURN THE THE SYSTEM SETUP 1/1 PAGE.

3. GRAPHIC SETUP

PRESS GRAPHICS (1R) ON THE SYSTEM SETUP 1/1 PAGE TO ACCESS THE GRAPHICS SETUP PAGE 1/2 AND CONFIGURE AS FOLLOWS:

GRAPHIC SETUP 1/2	
INSTALLED	NO
CONTROL	NO
SIGNAL TYPE	RGB

PRESS **[NEXT]** TO ACCESS GRAPHIC SETUP PAGE 2/2 AND CONFIGURE AS FOLLOWS:

GRAPHIC SETUP 2/2	
NAME	< 5

PRESS RETURN (4R) TO RETURN THE THE SYSTEM SETUP 1/1 PAGE.

4. CAMERA SETUP

PRESS CAMERAS (2R) ON THE SYSTEM SETUP 1/1 PAGE TO ACCESS THE CAMERA SETUP PAGE 1/2 AND CONFIGURE AS FOLLOWS:

CAMERA SETUP 1/3	
INSTALLED	NO
NUMBER	0

PRESS **[NEXT]** TO ACCESS GRAPHIC SETUP PAGE 2/2 AND CONFIGURE AS FOLLOWS:

CAMERA SETUP 2/3	
NUMBER 1	CAMERA 1
NUMBER 2	CAMERA 2
NUMBER 3	CAMERA 3

PRESS **[NEXT]** TO ACCESS GRAPHIC SETUP PAGE 2/2 AND CONFIGURE AS FOLLOWS:

CAMERA SETUP 3/3	
NUMBER 4	CAMERA 4
NUMBER 5	CAMERA 5
NUMBER 6	CAMERA 6

PRESS RETURN (4R) TO RETURN THE THE SYSTEM SETUP 1/1 PAGE.

5. DATALINK SETUP

PRESS DATALINK (3L) ON THE SYSTEM SETUP 1/1 PAGE TO ACCESS THE DATALINK SETUP PAGE 1/2 AND CONFIGURE AS FOLLOWS:

DATALINK SETUP 1/1	
INSTALLED	NO < 3
CDU ID	1 < 4

PRESS RETURN (4R) TO RETURN THE THE SYSTEM SETUP 1/1 PAGE.

NOTES:

1. THIS DRAWING FILED IN CCD.
 2. FOR ADDITIONAL INFORMATION, REFERENCE THE CD-820 CONTROL DISPLAY UNIT PILOT'S OPERATING MANUAL, PUB NO. A28-1146-149-00; HONEYWELL, COMMERCIAL ELECTRONIC SYSTEMS, P.O. BOX 21111, PHOENIX, AZ 85036-1111.
- Ⓜ3> IF A TELELINK SYSTEM IS INSTALLED ON THE AIRCRAFT, CONFIGURE AS "YES".
- Ⓜ4> CONFIGURE AS "1" IF AIRCRAFT IS EQUIPPED WITH A SINGLE CDU INSTALLATION OR IF THE CDU IS INSTALLED IN THE NUMBER 1 POSITION. CONFIGURE AS "2" IF THE CDU IS INSTALLED IN THE NUMBER 2 POSITION.
- Ⓜ5> LEAVE THIS ITEM BLANK.
- Ⓜ6> IF THE AIRCRAFT IS EQUIPPED WITH A AERIAL CAMERA CONFIGURE INSTALLED AS "YES AND NUMBER AS "1".

DATE	05/01/02	CESSNA AIRCRAFT COMPANY AIRCRAFT DIVISION P.O. BOX 7704 WICHITA, KANSAS 67277	CD-820 FMS DISPLAY CONFIGURATION
DRN	A. OLECHOWSKI		
GROUP			
CHECK			
SECT			
PROJ			
M. E.			
OTHER			
FABRICATE PER	CSAM005	SIZE / FSON NO.	DWG NO.
PROCESS PER	XXXXXXXXXXXXXX	F 71379	8623238
WIRE TERMINATION PER	CS2716	SCALE:	PARENT: 8623214

CD-820 FMS DISPLAY SYSTEM SETUP CONTINUED

6. PARALLAX ADJUSTMENT

THE CD-820 CAN BE ADJUSTED FOR PARALLAX. THIS ALLOWS THE POSITION OF THE LINE SELECT PROMPTS TO BE ADJUSTED TO ALIGN WITH THE PHYSICAL LINE SELECT KEYS. PRESS PARALLAX ON THE SYSTEM SETUP 1/1 PAGE TO ACCESS THE PARALLAX ADJUST PAGE. THIS IS SHOWN IN FIGURE 2.

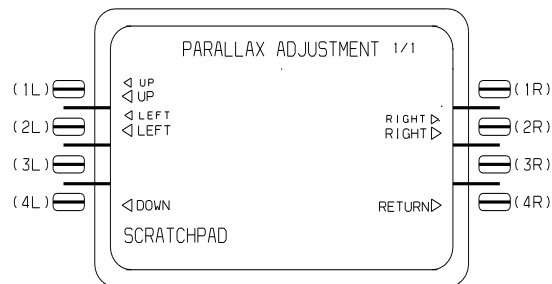


FIGURE 2

- 1L: PRESS THE UP PROMPT TO VERTICALLY ADJUST THE CDU DISPLAY UPWARD.
- 2L: PRESS THE LEFT PROMPT TO HORIZONTALLY ADJUST THE CDU DISPLAY TO THE LEFT.
- 2R: PRESS THE RIGHT PROMPT TO HORIZONTALLY ADJUST THE CDU DISPLAY TO THE RIGHT.
- 4L: PRESS THE DOWN PROMPT TO VERTICALLY ADJUST THE CDU DISPLAY DOWNWARD.
- 4R: PRESSING THE RETURN PROMPT RETURNS THE DISPLAY TO THE SYSTEM SETUP 1/1 PAGE.

ADJUST THE PARALLAX ON CDU 1 SO THE ARROWS ARE ALIGNED WITH THE SELECT KEY WHEN VIEWED FROM THE PILOT'S SEAT. ADJUST THE PARALLAX ON CDU 2 SO THE ARROWS ARE ALIGNED WITH THE SELECT KEYS WHEN VIEWED FROM THE CO-PILOT'S SEAT.

WHEN FINISHED, PRESS RETURN TO SAVE SETTINGS AND RETURN TO THE SYSTEM SETUP PAGE.

7. VIEW ANGLE ADJUSTMENT

THE CD-820 CAN BE CONFIGURED TO IMPROVE THE ABILITY TO VIEW GRAPHICS AND VIDEO IMAGES FROM A VARIETY OF VIEWING ANGLES. PRESS VIEW ANGLE (4L) ON THE SYSTEM SETUP 1/1 PAGE TO ACCESS THE VIEW ANGLE PAGE. SELECT THE VIEW ANGLE TO BOTTOM AS SHOWN IN FIGURE 3.

WHEN FINISHED, PRESS RETURN TO SAVE SETTINGS AND RETURN TO THE SYSTEM SETUP PAGE.

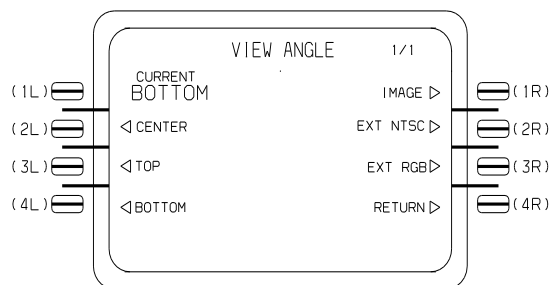


FIGURE 3

8. EXITING THE SETUP MODE

- EXIT THE SETUP MODE AS FOLLOWS:
1. TURN AVIONICS POWER OFF.
 2. ENGAGE BOTH IC-615 CIRCUIT BREAKERS.
 3. TURN AVIONICS ON.