The CMA-6800 is a form-fit-function replacement for the Honeywell ED-800 CRT displays on a number of aircraft, with a modern LCD display using LED backlight. The display replicates the functionality of the CRT display with greater reliability, thus reducing overall cost of ownership. It has hardware built-in provisions for growth for additional display capability, both through an internal CPU and additional interfaces.

This solution retains the use of existing symbol generators (and display formats/symbology), the existing EFIS controllers and related EFIS select panels. The CMA-6800 is a cost-effective solution, compared to an expensive full cockpit upgrade, with minimal down-time required to perform the conversion.

The CMA-6800 AMLCD display is certified to TSO-C113a - Airborne Multipurpose Electronic Displays.

**Model:** CMA-6800  
**Part Number:** 100-604045-VAR  
**Size (H X W X L):** 5 x 6 x 10.5 inches  
**Power Consumption:** < 30 W (< 50 W with heater on)  
**Weight:** < 6 lb  
**Projected MTBF:** 15,000 hrs

### The LCD Solution To Replace Aging CRT Displays

- Greatly reduced maintenance costs – high MTBF
- Form-fit-function replacement – quick conversion
- Reduced weight and power consumption
- Transparent cockpit operation – zero aircrew re-training
- Eliminates obsolescence threat
- Additional I/O and processor growth provisions for future mandates
- Available in black or gray bezel colors
- Certification to TSO-C113a

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**Contrast:** > 300:1 at normal incidence under low ambient lighting conditions  
**Viewing Angle:** +/- 60 degrees horizontal and +/-15 degrees vertical at contrast ratio > 20:1  
**Luminance:** 120 ft  
**Resolution:** 1024 x 768 / 196 DPI

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QUALIFICATION TEST      DO-160G SECTION      CATEGORY

| CONTRAST               | > 300:1 at normal incidence under low ambient lighting conditions |
| VIEWING ANGLE          | +/- 60 degrees horizontal and +60/-15 degrees vertical at contrast ratio > 20:1 |
| LUMINANCE              | 120 ft |
| RESOLUTION             | 1024 x 768 / 196 DPI |

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