

CMA 6800 COCKPIT DISPLAY

The CMA-6800 cockpit display is a replacement for Honeywell's ED-800 CRT which utilizes LCD displays and LED backlights.

The CMA 6800 is interchangeable on any aircraft and owners can upgrade one or all their ED-800 CRTs while still getting the full functionality of their displays. For a full list of aircraft and the number of displays required in each, please view the table below.

NUMBER OF ED-800 DISPLAYS PER AIRCRAFT		
MANUFACTURER	MODEL	# PER AC
Hawker	800/XP	5
ATR	ATR42/72	4
Bombardier	DHC-8 100/200/300/Q300	4
Cessna	Citation II, IISP, V(560)	4
Cessna	Citation (650) III/VI/VII	5
Bombardier	Challenger 600/601-3A/R	4
Bombardier	Lear 31	4
Gulfstream	GIII	5
Dassault	Falcon 900	5
Bombardier	CL415	4
Gulfstream	GII/IIB	5
Jetstream/Fokker	J41 / Fokker F50	4

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

CMA 6800 COCKPIT DISPLAY KEY CHARACTERISTICS	
Contrast	>300:1 at normal incidence under low ambient light conditions
Viewing Angle	+ / - 60 degrees horizontal and +50 / -15 degrees vertical at contrast ratio >20:1
Luminance	120 fL
Resolution	DO-160G (-55°C to +70°C)
Size (H x W x L)	5" x 6" x 10.5"
Power Consumption	< 30 Watts (<50 Watts with heater on)
Weight	< 6 lbs
Projected MTBF	15,000 hours
Warranty	12 months

Honeywell Aerospace
1944 East Sky Harbor Circle
Phoenix, AZ 85034
aerospace.honeywell.com

N61-3055-000-000 | 08/21
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HOW DOES THE CMA 6800 COCKPIT DISPLAY WORK?

The CMA 6800 cockpit display replicates the functionality of the CRT display with greater reliability, reducing the overall cost of ownership. It has built-in provisions for additional display capabilities through an internal CPU and additional interfaces making it an investment for aircraft owners.

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.

KEY HONEYWELL ADVANTAGES:

- Greatly reduced maintenance costs – high MTBF
- Form-fit-function replacement (Fully intermixable and interchangeable) – quick conversion
- Reduced weight and power consumption – fuel savings, lower heat in cockpit
- Transparent cockpit operation – zero aircrew re-training
- Eliminates looming CRT obsolescence
- Additional I/O and processor growth provisions for future mandates
- Available in black or gray bezel colors to blend with most cockpits
- Certificated to meet TSO-C113a

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