



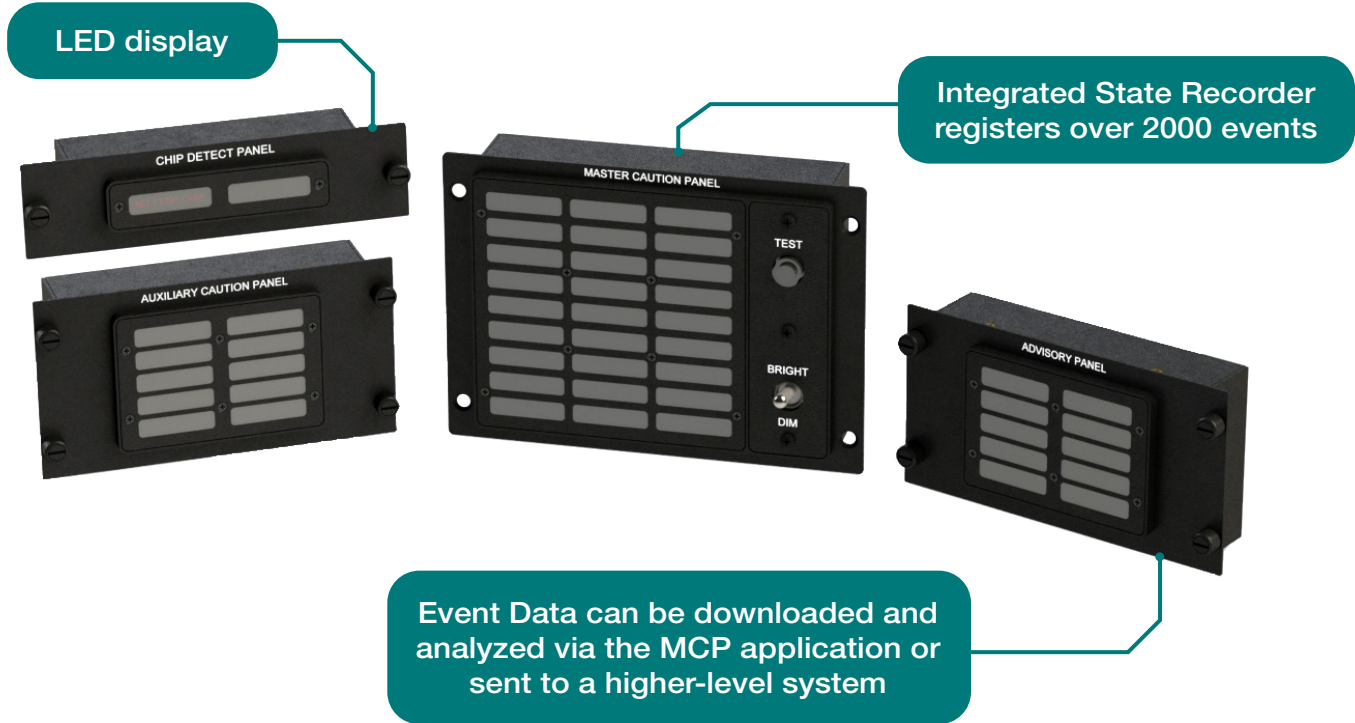
MCP02

Master Caution Panels

New-generation, plug-and-play replacements for your antiquated OEM units.

Highlights

- **Use** existing wiring and connections for drop-in replacement of OEM unit
- **Single-piece** display filter keeps the component clean, preventing moisture and environmental contaminants from entering the panel
- **Digitally** monitor and record the status of system annunciators in real time



MCP02 Features

Designed for the S-61/Sea King series helicopters, AEM's new MCP02 Master Caution Panels are plug-and-play replacements for the original OEM units. The one-piece display filter keeps the component clean, preventing moisture and other contaminants from getting into the front panel. We designed and built the new MCPs with all-new electronics, LED-based lighting, display technology, and mechanical packaging—all fully qualified to DO-160G.

Beyond the traditional annunciator functions, the MCP02s allow you to digitally monitor and record the status of your system annunciators in real time. The integrated State Recorder* register over 2000 events, equivalent to one event per minute over 34 hours. The event data can be downloaded and analyzed via the MCP application or sent in real time via a RS-422 output to a higher-level system, such as Helicopter Flight Data Management (HFDM).

Upgrade to our new MCP02 Master Caution Panels for a lighter, more cost-effective, and more reliable caution/warning system than the originally-certified products.

**All caution/warning panel units (Master, Auxiliary 1, Auxiliary 2 and Engine Chip) must be of the new MCP02 type and have the related aircraft wiring installed for the State Recorder to correctly capture all warning events.*

- Uses existing plugs and wiring for plug-and-play replacement
- No bulb replacement required due to LED display
- High reliability
- Optional NVIS-compliant lighting
- Master unit can operate with OEM Auxiliary units

AEM's MCP02 Master Caution Panels are tested and qualified to DO-160G, meeting or exceeding exacting environmental and performance standards. Certifications include:

- Transport Canada Supplemental Type Certificate SH16-25
- FAA Supplemental Type Certificate SR03914NY

Specifications

MCP02 MASTER MECHANICAL SPECS		MCP02 AUXILIARY 1 & 2 SPECS		MCP02 CHIP DETECT PANEL SPECS	
HEIGHT	4.81"	HEIGHT	3.01"	HEIGHT	1.50"
WIDTH	6.78"	WIDTH	5.76"	WIDTH	5.76"
DEPTH	1.83" (BEHIND PANEL)	DEPTH	1.67" (BEHIND PANEL)	DEPTH	1.67" (BEHIND PANEL)
WEIGHT	1.75 lb	WEIGHT	1.25 lb	WEIGHT	0.75 lb

For more details, please email:
products@aem-corp.com
and see Installation & Operation
manuals on our website:
aem-corp.com

LEADING
BY DESIGN