



LEADING BY DESIGN

MCP01

Master Caution Panel

You're back in the air in no time with AEM's plug-and-play replacement of your antiquated OEM unit.



Grounded again by an out-of-date caution/warning panel? For the equivalent cost of a few hours of lost flying revenue, the MCP01 will keep you in the air and earning! Use of existing wiring and connections for a drop-in replacement of your OEM unit makes this a straight-forward upgrade to your cockpit.

AEM and VIH Aerospace teamed up to bring this new, replacement caution/warning panel to the aftermarket for the B212, AB212, and Legacy B412 series aircraft.

Built with the pilot and integrator in mind, the MCP01 features dual redundancy LED lighting with optional NVG and offers numerous benefits and enhanced features missing from its 45+-year-old predecessor. A single-piece display filter keeps the component clean, preventing moisture and environmental contaminants from entering the panel.

Beyond the traditional annunciator functions, the MCP01 allows 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). Replacement parts for the legacy OEM caution/warning panel can be cost prohibitive and difficult to obtain. The MCP01, with the new electronics package, LED display technology, and mechanical packaging, is the most cost-effective and reliable replacement available.

MCP01 Features

- Uses existing plugs and wiring for plug-and-play replacement
- No bulb replacement required due to LED display
- Optional NVIS version available
- Optional custom legends available
- Significantly lighter than the current 5 lb unit
- 75% less current draw
- LED lights and redesigned box provide significantly cooler operation
- 2-year warranty



PHOTO CREDIT: JOHN OLAFSON

MCP01 MECHANICAL SPECS

HEIGHT	6.75"
WIDTH	5.75"
DEPTH	1.44" (BEHIND PANEL)
WEIGHT	1.75 LBS



The MCP01 Master Caution Panel is tested and qualified to DO-160G, meeting or exceeding exacting environmental and performance standards. Its certifications include:

- Transport Canada Supplemental Type Certificate #SH14-43
- FAA Supplemental Type Certificate #SR0350NY
- EASA Supplemental Type Certificate #100577794

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