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BULLETIN NO: MK20A-007-SB Rev A DATE: October 7,2016

APPLICABLE TO: EQUIPMENT (PART NUMBER)
098693-0001, 098685-0001, 098708-0001, 098700-0001, 098701-0001,
098702-0001, and 098686-0001.

SUBJECT: Add In-line fuse to the V2 +24V DC voltage to prevent damage to the Mark 20A Backplane due to high current.

EQUIPMENT AFFECTED:

Dual Equipment Localizer and Dual Equipment Glideslope part numbers
098693-0001, 098685-0001, 098708-0001, 098700-0001, 098701-0001, 098702-
0001, and 098686-0001.

ISSUE:

It has been determined that under certain fault conditions, the V2+24V DC voltage input into J-2 of the backplane circuit card assembly (CCA) can reach high current conditions potentially damaging circuit cards and connectors.

Resolution:

To correct the problem, a 2 amp fuse is added in the V2 +24V DC line between the DC-DC converter and the backplane CCA. If a short circuit occurs anywhere in the V2+24V DC line, the fuse will blow eliminating the risk of damage.

Thales has developed a kit that provides the materials and instructions for the installation of a fuse in the system. Incorporation of this fuse is not mandatory; however, it is recommended to minimize the potential for equipment damage.

How to order the Inline Fuse kit

A field installation fuse kit, part number 069871-0001 is available at no cost. Please contact Thales Customer Service.

Thales Customer Service Contact Information:

1-913-422-2756

1-800-526-3433

E-mail Glenna.salinas@thalesdsi.com

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