

TECHNICAL BULLETIN
▶ ADVISORY◀



www.mceinc.com

Reference 117
Route to **Service Manager/Modernization Manager**
From MCE Technical Support Department (916/463-9200 then touch 6)
Date September 17, 2000
Pages 1
Enclosures None

Subject **LS-QUTE / LS-QUAD Landing Systems**

Description Through our investigative process on reported field failures of the triacs used in the LS-QUTE and LS-QUAD Landing Systems, we have determined that, for a limited number of applications, the Z0405 triacs used on the HC-IPLS (used inside the LS-QUTE) and HC-DFLS (used inside the LS-QUAD) can cause the associated input to the computer to stay active and possibly cause a shutdown.

These triacs are field replaceable. Changing from Z0405 triacs to MAC228 triacs in the field has eliminated the problem.

As of June 22, 2000, MCE switched to MAC228 triacs (MCE Part number 33-05-0005-A).

Symptoms Depending on the configuration and the conditions of the job you may have observed failures of these triacs. Symptoms may include shutdown as identified by the following computer diagnostic faults:

- DOL / DLK
- LFLT ON / LFLT OFF
- DLK FAIL
- DZ FAULT
- MLT

You may also find that the LU, LD, DZ, DZR or DZF relays inside the controller may not drop out normally or may chatter.

Action If you observe any of the symptoms listed above, **contact MCE** Technical Support to properly identify the problem and provide the correct solution. **Refer to Technical Bulletin number 117.**

MCE Help As always, should you require technical assistance on this or other
! Telephone **916/463-9200**