

Product Information

Bulletin

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SUBJECT: A80017 Keyboard/Display Interface Module NVRAM Replacement
NO: 3-06

CONCERN: Compatibility of A80017 With GCP3000 CPU Modules
DATE: 11-15-06

CLASS / ACTION: OPERATIONAL / OPTIONAL

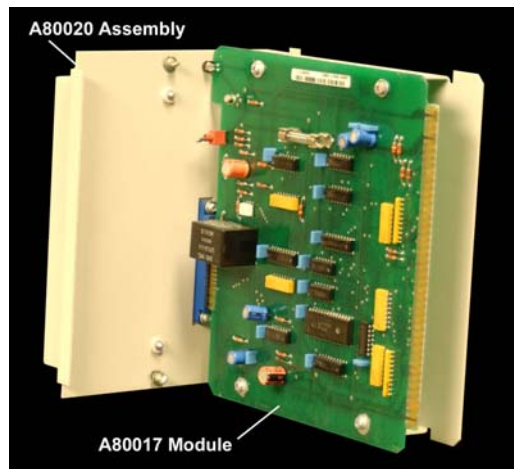
I. BACKGROUND

In GCP3000 systems that use the A80020 Control Interface Assembly, non-volatile RAM (NVRAM) on the A80017 Keyboard/Display Interface Module is used to store system parameters that need to be retained when GCP3000 system power is cycled. The A80017 module is located behind the front panel of the A80020 assembly.

The NVRAM chip used on the A80017 module was recently obsoleted by the manufacturer. Compatible replacement NVRAM has a different footprint and Safetran has designed an adapter board that enables the new NVRAM chip to be mounted in the same location on the A80017 module as the obsolete NVRAM chip. The adapter board allows the existing A80017 module to be used.

The GCP3000 system in its various configurations uses either the A80014, A80044 or A80214 CPU Module. The A80214 is the newest CPU module and presently ships in all GCP3000 systems.

Due to operating requirements of the replacement NVRAM, the modified A80017 module can only be used with the A80214 CPU Module.



NOTE

This is not an issue for **MS2000** systems since they only use the 80224 CPU Module which is compatible with the modified A80017 module.

II. ACTION REQUIRED

Any new A80017 modules shipped from the factory will contain the replacement NVRAM and will be labeled “Not compatible with 80014/80044”. When using these modules, the CPU module must be an A80214 in order to place the GCP3000 back into service.