

# ENGINEERING, FACILITIES, AND EQUIPMENT

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## Facilities

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### Medical Facilities Management Course

The next Medical Facilities Management Course will be held 8-24 Oct 96 at Sheppard AFB TX. This course provides an overall orientation to the Air Force Medical Facilities Management program for new facility managers. Students receive training in all areas of facilities management including operations and maintenance, facility planning and programming, financial management, safety, life safety (fire protection/prevention), accreditation procedures, waste management, energy conservation, security and resource protection, disaster planning, project management, and contract administration.

Anyone involved in the facilities management function, including facilities managers, assistant facilities managers, medical logistics directors, safety officers, and service contract managers may attend this course. However, priority will be given to new facilities managers. Please contact your major command (MAJCOM) facilities management representative if you need to attend this course. Since class size is intentionally limited to approximately 20 students, you should contact your MAJCOM as soon as possible to reserve a slot. (AFMLO/FOM-F, Capt Rhonda Hillman, DSN 343-2117)

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## Quality Assurance

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### Food and Drug Administration (FDA) Recalls/Alert Notices

**Attachment 2**, paragraph 1, provides information on FDA medical equipment recalls and alerts. Personnel from clinical engineering, biomedical equipment maintenance, quality assurance, and safety should follow the guidance provided to ensure the effective maintenance and management of medical equipment. (AFMLO/FOM-P, Capt David Zemkosky, DSN 343-4028)

### Safety Alert -- Physiological Monitoring Systems, Acute Care, MDC 12647, Model 90385, Medical Universal Clinical Workstations, SpaceLabs Medical, Inc.

Reference ECRI *Health Devices Alerts* Number 1996-A34, 23 August 1996, Accession No. A3104. ECRI reports the monitors on these units may be difficult to swivel or tilt. Use of excessive force to overcome the difficult movement may result in separation of the monitor from its base, potentially creating an unsafe condition. All facilities who have this system should verify receipt of a 9 August 1996 letter and warning labels from the manufacturer. When adjusting the monitor position, grasp the front bezel only, and use a gentle swivel action while adjusting the tilt. Ensure all appropriate staff are notified of these instructions. For further information, U.S. customers should contact SpaceLabs Medical at 1-800-733-7775; customers outside the U.S. should call (206) 882-3700.

**Safety Alert --  
Monitor Systems, Physiologic,  
MDC 12636, Models SIRECUST  
960/961/1260/1261/1280/1281 Equipped  
with MULTI I/O,  
Siemens Medical Systems**

A Safety Alert Letter dated 13 August 1996 was forwarded, with a Return Form, to all using activities. The alert reports that incidents occurred when pressure waveforms were used to trigger external devices, such as balloon pumps. In doing so, problems occurred when switching the monitor to display pressures in the overlap mode. This is an unusual practice. Switching to the overlap mode caused the waveform amplitude to fall outside the user preset trigger threshold of the balloon pump. To avoid this problem always remember: When triggering an external device off a pressure waveform, **do not** switch the display to "overlap" mode. For further information, contact Siemens Technical Support Department at 1-800-333-8646.

**Type III Materiel Complaints -  
Information Exchange**

A summary of the most recent medical materiel complaints involving medical equipment is listed below. This summary is provided for information only. Please note the complaints **are not validated**. They do not constitute a recall, nor do they require you to perform the sort of inspection and reporting associated with equipment hazards. If you have experienced a similar problem locally, submit an SF 380 in accordance with AFMAN 23-110, Vol. 5, Chapter 19. It is important that we receive documentation of equipment problems since severity and impact of a materiel defect are frequently judged by the number of separate complaints received.

**Defibrillator with Pacemaker-  
PD-1200, Zoll Medical, Inc.**

An activity reports they were unable to verify an actual alarm condition exists. The unit is designed with only a heart rate alarm. If an alarm occurs, it has to be manually reset whether the alarm condition still exists or not. The alarm does not stop sounding if the alarm condition goes away. The activity also experienced inappropriate patient/staff shocks. The unit is designed without a "leads off" alarm and, therefore, will output in the pacing mode without a patient connected. The activity was also unable to capture the beginning of an event with the unit. This is largely due to a four second window of delay ECG held in memory. The manufacturer acknowledges all of these occurrences and stated the unit was intended for ambulance use. (AFMLO/FOM-P, Capt David Zemkosky, DSN 343-4028)

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**Medical Equipment  
Management**

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**Shared Procurement Equipment Items  
Currently Available**

AFMLL 16-96, Attachment 1, page 1, contains a list of all current Shared Procurement contracts and optional contracts available through the Defense Personnel Support Center (DPSC). If you plan to order any of these items for your facility, use the specific ordering instructions and overall program guidance contained in AFMLL 04-96, pages CE-4 and CE-5. (AFMLO/FOM-P, Capt David Zemkosky, DSN 343-4028)

## **“Piggyback” Contracts Currently Available**

AFMLL 16-96, Attachment 1, pages 4 and 5, contains a list of all current “piggyback” contracts currently available through DPSC. These contracts will allow facilities to “piggyback” requirements onto existing orders placed for specific quantities. Many of these contracts are designed to buy large quantities at reduced prices, and are written with the option of buying additional quantities at the same price. The list includes available quantities and “Order By” dates. To order, send your MILSTRIP requisitions to DPSC, and reference the contract number (from the listing) in the notes section. (AFMLO/FOM-P, Capt David Zemkosky, DSN 343-4028)

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