DEPARTMENT OF THE AIR FORCE
730TH AIRCRAFT SUSTAINMENT GROUP (AFMC)
ROBINS AIR FORCE BASE, GEORGIA 31098

NOV 3 0 2006

MEMORANDUM FOR AMC/A5QF
ATTN: [redacted]

FROM: 730 ACSG/CC
235 Byron Street, Suite 19A
Robins AFB GA 31098-1670

SUBJECT: Airworthiness Approval for the Lifepak 10-59 Monitor/Pacer/Defibrillator

References: (a) October 1996, United States Air Force Armstrong Laboratory Report, Test and Evaluation of the Physio-Control Corporation LifePak 10-59 Defibrillator/ Monitor/ Pacemaker and Military Auxiliary Power Supply (MAPS)

(b) April 2002, 311th Human Systems Program Office/YAML Final Report, Testing and Evaluation of the Physio-Control LifePak 10-59 PMI Cardiac Monitor Pacer Defibrillator

1. After reviewing the Laboratory Report, we have determined the Lifepak 10-59 Monitor/Pacer/Defibrillator will not fail in a manner that would cause a hazard to the C-5 aircraft.

2. Based on the testing outlined in the Armstrong Laboratory Report and the 311 HSW Final Report, the Lifepak 10-59 Monitor/Pacer/Defibrillator is found to be safe on the C-5 aircraft provided that the following recommendations are considered.

a. The operation of the Lifepak 10-59 Monitor/Pacer/Defibrillator is not authorized for aeromedical evacuation flights at 115 VAC/400Hz.

b. The Lifepak 10-59 Monitor/Pacer/Defibrillator can create an arc when the defibrillator paddles do not have the proper contact and as a result can ignite an explosive atmosphere.

3. The Lifepak 10-59 Monitor/Pacer/Defibrillator is suitable for use on the C-5. Final airworthiness for the Lifepak 10-59 Monitor/Pacer/Defibrillator is granted.

4. The points of contact are [redacted] email [redacted]

[redacted]

cc:
HSG/EN/TF
AMC/A5QF