



DEPARTMENT OF THE AIR FORCE
C/KC-135 SUSTAINMENT DIVISION (AFMC)
TINKER AIR FORCE BASE OKLAHOMA

06 JAN 2012

MEMORANDUM FOR ASC/WNU

FROM: C/KC-135 Engineering Office (OC-ALC/GKCE)
3001 Staff Dr Ste 2AH190B
Tinker AFB OK 73145-3019

SUBJECT: Safe-To-Fly (STF) Certification for the Philips Medical Systems Heartstart Monitor/Defibrillator Models M3535A, M3536A and M3536M6

1. The C/KC-135 Sustainment Division, OC-ALC/GKC, has reviewed whether the subject Philips Medical Systems Heartstart Monitor/Defibrillator Models M3535A, M3536A and M3536M6 are safe for use on C/KC-135 aircraft.
2. The STF review for the Philips Medical Systems Heartstart Monitor/Defibrillator Models focuses on whether use of the device introduces a potential ignition source into the pressurized cabin and whether the device may be a source of electromagnetic interference (EMI) for the navigation/communication equipment used by aircraft flight crew. The relevant test procedure for explosive atmosphere testing is MIL-STD-810F, Method 511.4; and the relevant test procedure for radiated emissions is MIL-STD-461E (RE102).
3. Reports provided document that models M3535A and M3536A passed the relevant testing described above and were previously authorized for use on C/KC-135 aircraft. Model M3536M6 is identical to the previously approved models; however, model M3536M6 has manual defibrillation paddles. Based on these facts, the C/KC-135 Sustainment Division concurs with the use of these devices during all phases of flight and operations on C/KC-135 aircraft.
4. Our POC [REDACTED]