



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS OKLAHOMA CITY AIR LOGISTICS CENTER (AFMC)  
TINKER AIR FORCE BASE OKLAHOMA

AUG 27 2007

MEMORANDUM FOR AMC/SGXL

FROM: 827 ACSG/EN  
3001 Staff Drive Ste 2AH190  
Tinker AFB OK 73145-3019

SUBJECT: Safe-to-Fly (STF) Recommendation for Vidacare EZ-IO Intraosseous Device

1. Reference 77 AESG/CC memo, dated 7 Aug 2007, same subject.
2. The 77 AESG requested the 827 ACSG review whether the subject portable medical device is safe for use on C/KC-135 aircraft and, if determined to be safe, we issue a Safe-To-Fly letter for this device.
3. The Safe-to-Fly review for devices of this type 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 Radiated Emissions is MIL-STD-461E (RE102). The relevant test procedure for Explosive Atmosphere testing is MIL-STD-810F, Method 511.4.
4. The Vidacare EZ-IO Intraosseous Device has successfully completed both explosive atmosphere testing and EMI testing described above in paragraph 3. Based on these facts, the 827 ACSG concurs with its use during all stages of flight on C/KC-135 aircraft.

