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

JUN 16 2009

MEMORANDUM FOR 77 AESG/CC

FROM: 827 ACSG/EN
3001 Staff Dr Ste 2AH190B
Tinker AFB OK 73145-3019

SUBJECT: Review of Safe-to-Fly (STF) for Telephonics TruLink Portable Transceiver (PN 780-1000-01), David Clark Headset (H1076), and Bose Headset (AHX032-02) (Yr Ltr, 11 Jun 09)

1. The 77 AESG requested the 827 ACSG review whether Telephonics TruLink Portable Transceiver (PN 780-1000-01), David Clark Headset (H1076), and Bose Headset (AHX032-02) is safe for use on C/KC-135 aircraft, and if determined to be safe, we issue a STF certification letter for this device.

2. The STF 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 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.

3. The lab reports provided document the subject equipment has passed the relevant testing described above. Based on this fact, the 827 ACSG concurs with the use of these devices during all phases of flight/operation on C/KC-135 aircraft.

4. Our POC is [redacted]