



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

MEMORANDUM FOR ASC/WNU  
1981 Manahan Way  
Wright-Patterson AFB, OH 45433

FROM: OC-ALC/GKSE  
3001 Staff Drive Ste 1AG1104A  
Tinker AFB OK 73145-3019

SUBJECT: KC-10 Safe-To-Fly (STF) Approval for the FLOTEC Flowmeter Model F10-3C0M3

References: Memorandum from ASC/WNU dated 15 Feb 11  
WNU Technical Report # FY10.002, dated 8 Nov 10

1. The KC-10 System Program Office has reviewed the Safe-To-Fly request for the FLOTEC Flowmeter Model F10-3C0M3 and approves the use of subject equipment for all phases of flight with approved oxygen systems on KC-10 aircraft when used in accordance with manufacture's guidelines. This approval is based on satisfactory results from the performed tests.
2. The FLOTEC Flowmeter Model F10-3C0M3 is to be used with NPTLOX and PTLOX oxygen systems that are currently approved for use while on board KC-10 aircraft.
3. Users need to be aware that at higher altitudes, a natural phenomenon occurs which results in a decrease in flow rate which is unavoidable. This topic is described in depth in AFI 41-307 Chapter 4: "Airway and Respiratory Management."
4. The using organization, AMC, shall assume Operational Safety, Suitability, and Effectiveness responsibility, as directed by AFI 63-1201, Section 2.12.7. Configuration management resides with the vendor; any changes to the as tested configuration may negate the STF approval.
5. We recommend that the specific part number and specifications be incorporated into the current Aeromedical Evacuation command guidance.
6. My POC on this issue is [REDACTED]

[REDACTED]