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

JUN 8 2011

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 Hutchinson Technology Inc. InSpectra™ StO_2 Tissue Oxygenation Monitor (ISTOM) Model 650

References: Memorandum from ASC/WNU dated 15 Feb 11
WNU Technical Report # FY09.007, dated 13 Jan 11

1. The KC-10 System Program Office has reviewed the Safe-To-Fly request for the Hutchinson Technology Inc. InSpectra™ StO_2 Tissue Oxygenation Monitor (ISTOM) Model 650 and approves the use of subject equipment for all phases of flight on the KC-10 aircraft. This approval is based on satisfactory results from the performance baseline, vibration, humidity, altitude, rapid decompression, explosive atmosphere, temperature, EMI, and acceleration tests.

2. The ISTOM shall be used and maintained in accordance with manufacturer's guidelines to include the recommended storage and operational temperatures. Operators will ensure that appropriate tie-down procedures are complied with IAW provided guidance while the ISTOM is in use on board KC-10 aircraft.

3. 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.

4. We recommend that the specific part number and specifications be incorporated into the current Aeromedical Evacuation command guidance.

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