



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 330TH AIRCRAFT SUSTAINMENT WING (AFMC)
ROBINS AIR FORCE BASE, GEORGIA

15 April 2010

MEMORANDUM FOR 77 AESG/CC
7980 Lindbergh Landing
Brooks City-Base, TX 78235-5119

FROM: 330 ACSG/EN
235 Byron Street, Suite 19A
Robins AFB Ga 31098-1670

SUBJECT: Safe-to-Fly Certification for the Hutchinson Technology's InSpectra StO₂ Tissue Oxygen Monitor (STOM) Model 650

1. Based on the review of the provided data, Safe-to-Fly Certification for the Hutchinson Technology's InSpectra StO₂ Tissue Oxygen Monitor (STOM) Model 650 is approved for use on C-130E/H aircraft.
2. The STOM uses near infrared spectroscopy to measure local oxygen saturation of hemoglobin in tissue (StO₂), and an index of total hemoglobin (THI) in the tissue being monitored.
3. The 330th ACSG shall be notified of any changes to the Hutchinson Technology's InSpectra StO₂ Tissue Oxygen Monitor (STOM) Model 650 for approval prior to use on C-130E/H Aircraft.

