



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

MEMORANDUM FOR 77 AESG/CC
7980 LINDBERGH LANDING
BROOKS AFB TX 78235-5119

FROM: 727 ACSG/EN
3001 Staff Drive Ste 1AG1104A
Tinker AFB OK 73145-3019

SUBJECT: Safe-To-Fly Approval of the Impact Instrumentation Inc. Suction Apparatus 326/326M with Digital Vacuum Gauge (DVG) for use on the KC-10 and C-21A

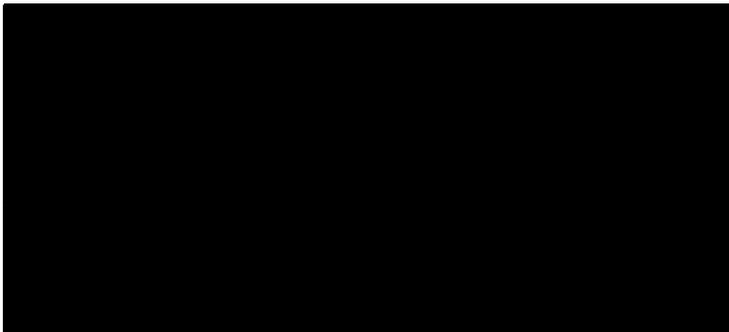
References: Technical Report of the Impact Instrumentation Inc. Suction Apparatus 326/326M with Digital Gauge, ATB Report No. FY07.005

1. The Impact Instrumentation Suction Apparatus 326/326M DVG is a modified version of the STF certified Impact 326/326M. It has been equipped with a digital vacuum gauge to replace the older analog gauge model. Based on test results provided by the manufacturer and input from aircraft program offices, performance baseline, vibration, EMI/EMC, high and low temperature storage and operation, humidity, altitude, rapid decompression, and airborne performance tests were performed.

2. KC-10 and C-21A System Program Office has reviewed the test results for the subject equipment, finds them satisfactory, and approves use of the subject equipment for all phases of flight on both the KC-10 and C-21A aircraft. Test results indicate that the device will not cause adverse effects to the patient, aircrew, or aircraft.

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

4. My POCs on this issue are [REDACTED] (KC-10) and [REDACTED] (C-21A).





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Cc:

HQ-AMC/SG

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