



**DEPARTMENT OF THE AIR FORCE**  
Commercial Derivative Aircraft Division (AFLCMC)  
TINKER AIR FORCE BASE OKLAHOMA

MEMORANDUM FOR AFLCMC/WNUP

DEC 30 2015

FROM: AFLCMC/WLVE  
3001 Staff Drive Ste 1AF1 107B  
Tinker AFB, OK 73145

SUBJECT: C-12J Safe-To-Fly (STF) Approval for the i-STAT®1 Analyzer  
Model Number 300

References: 1. 77 AESG/CC STF Recommendation Letter, dated 24 Nov 2008  
2. Technical Report of the Abbot Point of Care i-STAT®1 Analyzer  
Model Number 300, Report No. FY08.008, dated 28 Oct 2008

1. The Commercial Derivative Aircraft Division System Program Office's Airworthiness Authority/Chief Engineer, which covers the C-12J platform, has reviewed the Safe-to-Fly request for the i-STAT®1 Analyzer Model Number 300 and approves the use of subject equipment for all phases of flight on the C-12J aircraft. This approval is based on the results of vibration, EMI, temperature, humidity, altitude, rapid decompression, explosive atmosphere and in-flight assessment.
2. According to the i-STAT®1 Analyzer Model Number 300 report issued by the 77th Aeronautical Systems Group (77 AESG), the unit exhibited no limitations that would affect the C-12J during any phase of flight.
3. The i-STAT®1 Analyzer Model Number 300 shall be used and maintained in accordance with manufacturer's guidelines and specifications and 77 AESG recommendations.
4. Configuration management resides with the vendor; any changes to the 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 Warren Hutson (DSN 884-2533).

A handwritten signature in black ink, appearing to read "David J. Horn".

DAVID J. HORN  
Airworthiness Authority/Chief Engineer  
Commercial Derivative Aircraft Division