



U.S. Department
of Transportation
**Federal Aviation
Administration**

Small Airplane Directorate
Wichita Aircraft Certification Office
1801 Airport Road, Room 100
Wichita, Kansas 67209

July 24, 2002

David Saunders
Aviadesign Inc.
375 Durley Ave.
Camarillo CA 93010

Subject: Alternate Means of Compliance to AD 2001-13-18

Dear Mr. Saunders:

On June 27, 2002, our office received your complete data package for an Alternate Means of Compliance (AMOC) to Airworthiness Directive (AD) 2001-13-18. Our review of your data package, which consists of engineering substantiation and Instructions for Continued Airworthiness (ICA), is sufficient to grant you an AMOC to AD 2001-13-18.

This AMOC requires compliance with all of the modifications and procedures listed in Master Drawing List EO-B-4501. EO-B-4501 calls out to inspect Beech/Raytheon Models 45 (YT-34), A45 (T-34A, B-45) and D45 (T-34B) front spars and rear spars per AD 2001-13-18 prior to the failsafe strap modification. If there are no cracks or crack indications, the failsafe strap can be installed per EO-B-4501 and/or STC SA00839WI. With the installation of the failsafe strap, AD 2001-13-18 recurring inspection interval is extended from 80 hours to 2,400 hours and the speed and flight load limitations are lifted. This AMOC also requires complying with the maintenance instructions per Aviadesign ICA, EO-B-4504.

This AMOC requires you to track which airplane has completed the spar modification by airplane serial number. The accomplishment of the spar modification shall be identified in the airplane logbook. Should you have further questions, please contact Paul Nguyen at telephone number (316) 946-4125.

Sincerely,

Eual M. Conditt, Jr.
Associate ACO Manager, Airframe, Propulsion & Services
Wichita Aircraft Certification Office