

# NEWSLETTER

VOLUME 5 ISSUE 1 - DECEMBER 2007

## AeroExpo Aviation Show



We lent our demonstrator to the General Aviation Safety Council (GASCo) for the Aeroexpo show and proved to be quite a hit as over 170 people tried the pre-flight challenge. This was more than double the usual number of entrants and John Thorpe of GASCo was very pleased that so many people tried to find 6 faults that had been deliberate rigged with our Allegro.

A bit of fun with a serious side due to the safety implications of the faults if not spotted before take off. The defects ranged from a missing split pin on one of the main wheel retaining nuts to a reversed pitch on one of the propeller blades. We are pleased to report a great many found all the faults and some eagle eyed inspectors even found some that were not supposed to be spotted – like a grounding braid that was not connected in the elevator. Although this was deliberately not connected we thought that it was so hidden and high up, it would never be noticed.

## New Doors

Fantasy Air continues to look for detailed improvements and have just announced new composite framed doors with “Domed” windows. This increases the cockpit width to 118cm (46.5 inches) – now wider than a C42 - and with the soft carpet on the lower edge, gives a useful armrest. They also improve the view below and to the rear



## Our demonstrator

Unfortunately not much has happened yet with our demonstrator and it is still not flying, as the change from using the BMAA for approval to the CAA direct via Aerosport has meant that we cannot use our existing Allegro as this was built from a kit. The CAA need a factory built aircraft that has been built after their approval of the manufacturing facilities in the Czech Republic. Once the CAA type approval is given we will be asking the BMAA to approve our kit built demonstrator as by then the Allegro will already have construction and flying approval so the BMAA will be looking more at how the kit complies with the 51% rule and assessing the kit build manual. We hope this will not take long and that the BMAA have submitted the request for VLA aircraft to CAA as this will follow on.



## Approval Progress Report

Latest on the approval is that following a recent meeting at Fantasy Air Czech, we will be using compliance testing data completed earlier this year by the Bruno University Aeronautical faculty. The tests were conducted to show compliance at 600kg MTOW for the USA Light Sport version of the Allegro that is structurally the same as the UK 450kg except for some non-structural weight saving changes. This will mean we can demonstrate that the Allegro easily meets the UK section “S” microlight standard rather than just scraping through, which has happened on some other new aircraft going through at the moment, that have stalled at the nearly approved stage due to some “marginal” test results. We are taking a great deal of care to ensure a “right first time” approval which although is taking a little longer than we would all like, we believe will be the best route to take for the approval as a whole. It is also reassuring to know there is a big reserve of strength on those turbulent thermal days and for the less than perfect landings

## New Avionics

We have started an Avionics division having become UK agents for some interesting electronics to enhance your cockpit - See web site for full details

Flight Box - Glass cockpit



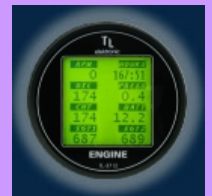
X-COM



Star Technology



TL-Elektronic



## Apology

Based on the phone calls and Emails received recently, we seemed to have sent out a message that we had given up on the approval and gone away, by *not* being at the SPLASH show at the NEC 2 weeks ago. I would like to assure everyone that we have definitely not gone away and most certainly have not given up on the approval. The only reason we were not there was that we had nothing really new to show. Fantasy Air Czech themselves are also stronger than ever having just been restructured and refinanced to meet the ever increasing demand from the USA where the Allegro is ranked No 1 on value and performance. They hope to build a new manufacturing plant at the airfield they have recently purchased from the Czech military.

**We will be at Popham in May and hope to see you all there?**

Merry Christmas and Happy New Year

Malcolm

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