



## Airworthiness Information Leaflet



### Vans RV-6 & RV-6A

### Inspection for cracks in Elevator Forward Spar as per Vans SB 14-02-05

**Applicability:** All Vans RV-6 and RV-6A Aircraft operating on an LAA administered Permit to Fly.

**Compliance by:** Before the next flight after the effective date of LAA MOD/181A/003 issue 1 and at each subsequent permit renewal inspection.

**Background:** Cracks have been found in the elevator spar web near the elevator hinge points and the aircraft kit manufacturer's, Vans Aircraft, have issued a Service Bulletin (SB 14-02-05) requiring a 'before next flight' and, subsequently, annual inspection of this area of concern and, should cracks be found, incorporated a repair schedule which strengthens the area using Vans-supplied or locally manufactured doubler plates.

On receiving notification of the Vans Bulletin the LAA issued an Airworthiness Alert (LAA/AWA/14/03) highly recommending to owners that this inspection of primary aircraft structure be carried out before the next flight and asked owners to report any cracking discovered to LAA Engineering as soon as possible; as a result of this initial check, no cracking in this area was reported by LAA Aircraft operators.

This Airworthiness Information Leaflet serves to mandate the inspection requirement of Vans SB 14-02-05 and accepts the factory repair scheme as being a method by which an affected aircraft can be brought back to an airworthy state.

**Note:** SB 14-02-05 is available from [www.vansaircraft.com/public/service.htm](http://www.vansaircraft.com/public/service.htm) or <http://www.lightaircraftassociation.co.uk/> (see Airworthiness Alerts).

**Actions Required:** Carry-out the inspection of the elevator's forward spar web in accordance with Vans SB 14-02-05. Should a crack be found LAA Engineering must be informed although the Vans repair scheme, as described in SB 14-02-05, is an acceptable method of repair.

**Certification:** The Inspection and, should it be necessary, any subsequent repair must be completed to the satisfaction of a suitably qualified LAA Inspector.

Worksheets and log book entries must be raised and signed confirming compliance with LAA MOD/181A/003 issue 1, noting, where appropriate, the degree of cracking found and repairs completed.

LAA Airworthiness Information Leaflet Classifications  
Classification A - Considered Mandatory by the LAA  
Classification B - Recommended by the LAA  
Classification C - Material published for information and/or guidance