

LAA/AWA/21/09
5th November 2021

Eurofox Tricycle Undercarriage (3K version)

Fuselage Structure Under Seat Pan Weld Inspection

After an uneventful flight, the pilot of a Eurofox glider tug noticed an audible "rattle" on taxiing in. Upon inspection of the fuselage structure underneath the seat pan, it was discovered that a weld cluster had failed. When a force was applied to either gear leg, considerable deflection of the structure was observed. No hard landings had been reported. This aircraft had flown over 1000hrs and over 4000 landings.

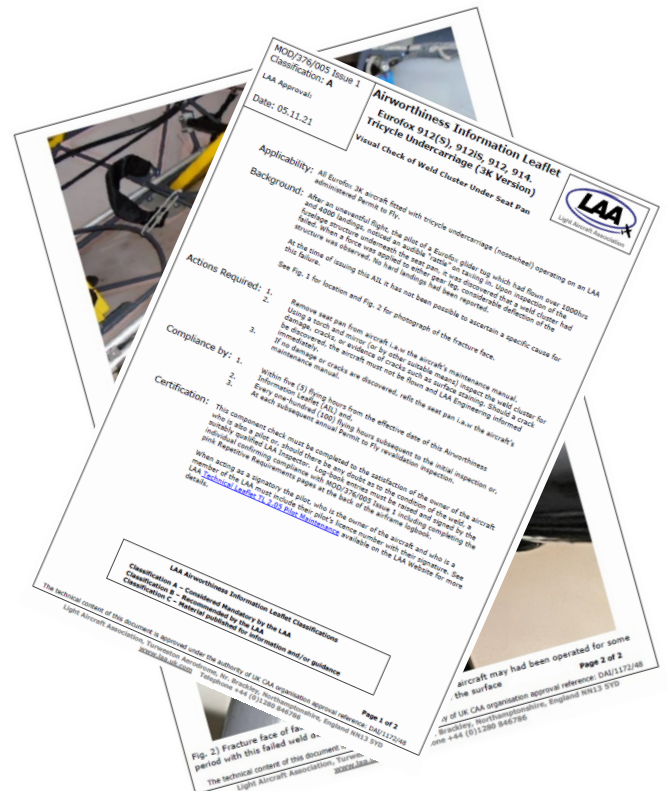
At the time of issuing this alert, it has not been possible to ascertain a specific cause for this failure. However, if left unchecked, this could result in undercarriage collapse.

Tricycle gear Eurofox owners are now required to inspect this weld cluster on their aircraft mandated by LAA Airworthiness Information Leaflet LAA/MOD/376/005 Issue 1.

LAA/MOD/376/005 may be downloaded [HERE](#)



Location of failed weld cluster under seat pan.



LAA Airworthiness Information Leaflet. LAA/MOD/376/005 Issue 1.



Fracture face of failed weld cluster found located under the seat pan. We have been unable to determine the failure mode due to the apparent burnishing of the fracture surface.