



Subject:

Front Strut 42A-06.00

Affected:

Ikarus C42 and C42 B equipped with floats.

Reason:

On two IKARUS C42 Floatplanes with previous accidents cracks have been found at the front strut's upper connection to the main tube. The crack occurs on the inner tube where it is covered by an outer sleeve and is not visible from the outside.

Action:

To check the front strut a borescope is needed with a 90° field of view. The borescope can be inserted into the front strut through the opening visible from beneath the aircraft. At the height of the bolt marked on the drawing the aluminum tube must be carefully inspected for any signs of cracking.

Classification:

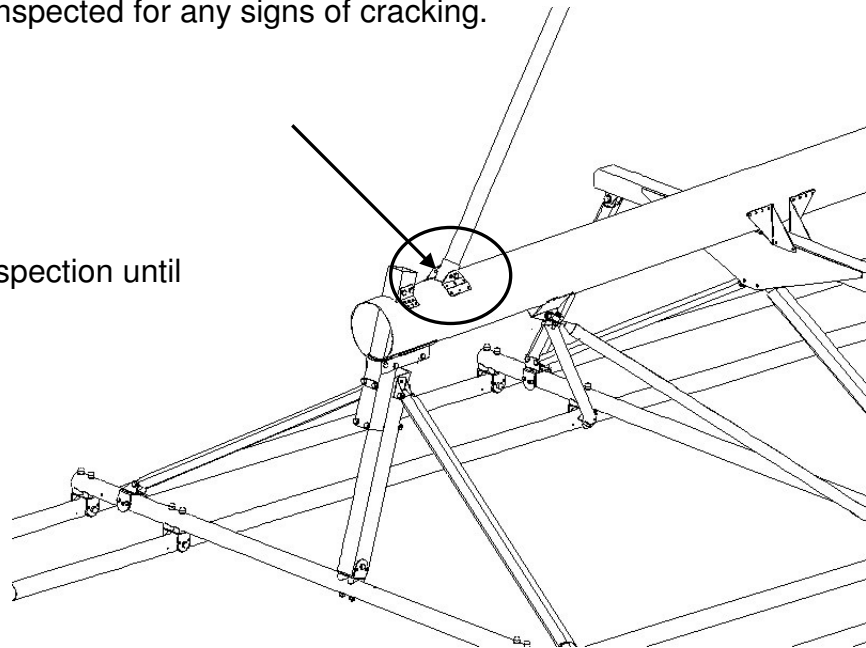
Mandatory.

Compliance:

Before the next flight.
Include in the annual inspection until further notice.

Mass and balance:

Not affected



Airworthiness Implications:

Should the above-mentioned defect occur, the airworthiness of the aircraft is affected that it may only be operated once the appropriate action has been properly undertaken.

Accomplishment instructions:

The work may be carried out by a qualified person.