

Subject:

Fuel hose, cloth covering, black

DIN 73379 8 x 13 NBR and 6.0 x 11.0

Fuel hose, rubber covering, black

DIN 73379 - 1 - 8.0 x 3.0 MM NBR/CO/CR and 6.0 x 3.0 MM NBR/CO/CR

Affected:

All aircraft of the type IKARUS C42

Reason:

Fine cracks in the fuel hoses in the vicinity of the engine due to brittleness caused by tight fuel tubing radials. In the case of cloth-covered hoses, the fine cracks which were not visible under the cloth covering also led to the covering becoming damp when the hoses were under pressure.

Action:

1. Inspection of fuel hoses in the vicinity of the engine: switch on the auxiliary pump with the engine off to increase pressure and then scan the fuel hoses near the engine.
2. Replace the fuel hoses between the auxiliary pump by-pass and the carburetors after 2 years or 200 hours of operation, whichever comes first.

Compliance:

- Check every 50 hours
- If appropriate, check before the next flight.

Mass and balance:

No change

Accomplishment:

Action has to be accomplished by a qualified person.

Warning:

Do not undertake this action near an open fire or a spark source. Smoking prohibited!