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# SERVICE BULLETIN

Date published: July 2014

# SB-42-018-2014 Airspeed Indicator C42 B

## Subject:

Color marking on the airspeed indicator

As part of the product development of the IKARUS C42 series, the rated speeds of C42 C were compared with the C42 B model. In particular,  $V_{FE}$  and  $V_A$  could be increased to IAS 117 km/h resp. 148 km/h. The color markings on the airspeed indicator can be changed accordingly.

White area  $V_{FE} = 71-117 \text{ km/h} + 44-73 \text{ mph} = 38-63 \text{ kt}$ Yellow, radial line  $V_A = 148 \text{ km/h} + 92 \text{ mph} = 80 \text{ kt}$ 

#### Applicable:

Yellow, radial line: All IKARUS C42 B White area:

All IKARUS C42 B from year 2009, Ser. Nr.:0903-7025

All IKARUS C42 B with reinforced landing flap control levers (Ø20mm, Fig. 2)

#### Deadline:

None

### Impact on airworthiness:

None

#### Classification:

"Service Bulletin"

#### Weight and Balance:

No consquences

## **Electical Load:**

No consquences

#### **Handbook Supplement:**

Upgrading to C42-Series Edition 3 Revision 1

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## **Required Action:**

Maintenance Level	Easy
Qualification/Document	Qualified Person
	Documentation in flight operation records
Tools Required	None
Material Required	Self-adhesive stickers , Decals or Range marking kit Suitable Paint pen

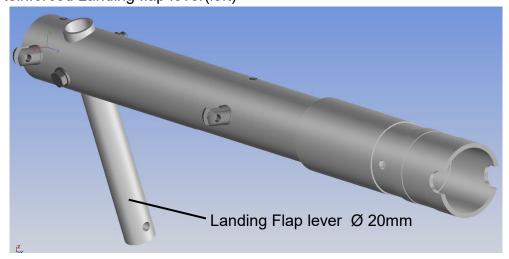
#### Caution!:

Due to different manufacturers, the scales of the airspeed indicators may differ. The markings must be cut to size or applied with a paint pen to show the speed ranges as shown below.

Fig. 1 Airspeed Indicator (Example)



Fig. 2 Reinforced Landing flap lever(left)



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