Ikarus C42 v3.1 – X-Plane 10.45

This X-Plane model has no commercial affiliation or endorsement by Comco-Ikarus

This is a quick guide to operating the C42 for X-Plane 10.45

Please note that there are variations in instruments and between each aircraft.

Feedback is welcome.

Enjoy
Baz

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http://www.bnasroberts.net/Baz_XPlane_Download/Welcome.html

About the C42

This model is based on the data available from http://www.comco-ikarus.de/Pages/index.php?lang=en and a range of images and online videos.

Thanks to Jon F http://forums.x-plane.org/index.php?showuser=55080 for his support and real world experience with this aircraft and Scott McCauley for his encouragement and support for release version 2.

Thanks to Kendy for his experience with the C42C model and feedback which assisted in minor changes to the other versions.

Pilot object from **Pilot Collection 1.1** by Bertrand AUGRAS for XPFR
http://forums.x-plane.org/index.php?app=downloads&showfile=6187

Getting started

Start up is a little different with the Rotax 912-ULS.

Open *Main Fuel Valve* located on the right hand side of the left side foot well.

Note the *Throttle Control* directly in front of both left and right seats (Bottom left of image)

Rotate the *Master Switch* (Key switch) anti-clockwise (click-drag left)

Turn on (click-drag up) the *electric fuel pump (Aux Pump)*

Apply brakes

Left and Right Magnetos on (click-drag up)

Choke full out (click with mouse)

Choke off after start (click with mouse)

Handbrake lock On/Off
Click on locking pin on handbrake assembly.

Opening and Closing the Doors

To open the Gull-Wing doors, "rotate" the handle. Note each door operates independently.

Push/Drag the door open/closed along the doorframe. Keep the pointer cursor visible.

Closing is the reverse process.

Operating the radio

On/Off

Megahertz knob

Flip frequency from standby to active

Kilohertz knob

Operating the transponder
On/Off

Code number select knob

Cursor to move from digit to digit

Modes:
Clear – Blank
Standby - STBY
Transmitting - ACS

Operating the GPS

This facsimile of the GPS is only partly
functional. There are interactive buttons.
(see below)
To get full Garmin 430 functionality, click on
the active GPS screen.

The X-Plane Garmin 430 Pop-Up will
appear on your screen.

GPS Buttons

On/Off

Direct to (Location) select screen

Zoom In/Out

Page Up/Down (Vertical toggle)

Cursor Forward/Backwards (Horizontal
toggle)

Select (Center toggle)

Flight Plan Screen

Message Screen

Operating the BRS (Ballistic Recovering System)

This aircraft is fitted with BRS. In the event of a catastrophic failure (engine or structural failure) use the BRS to launch a parachute from the fuselage behind the wings.

Click on the red handle.

The aircraft will settle into a nose down attitude and descend at around 1100fpm.