Configuration is complete now. Switch the transponder to "ALT" and check if the correct flight level is displayed.

This Installation instruction describes the configuration of the Becker BXP6401-X-(XX) transponder after the installation of the Blind Encoder BE6400-01-(XX). It is not a substitute for the Installation and operation manual BE6400-01-(XX).
Installation Instruction
BE6400-01-(XX)

Mechanical Installation

BE6400-01-(XX) is designed for installation in an aircraft together with the Becker Mode S transponder BXP6401 or BXP6402. It can be mounted on the J8 unit connector.

For mechanical stabilization the blind encoder must be fastened with a device at the housing of the transponder (see figure below).

The sensor of the blind encoder must be connected with the outer air over a flexible air pressure tube. The inner diameter of the tube must be 4 mm. The sensor herewith gets the outer air pressure of the respective aircraft for altitude measurement.

Note: The protection cover must be removed before connecting the air pressure tube.

Configuration of the transponder

The configuration setting of the transponder must be adapted in the following way (supposing that programmed Address Module and antenna are connected):

1) Switch the transponder to "SBY".
2) Press the "SEL" button.
3) Turn the rotary knob until "INS" appears in the lower left corner of the display.
4) Press the rotary button. "PASSWORD" appears in the display.
5) Enter "6435" by turning the rotary knob and press it to go to the next digit.
6) Press the "STO" button. The display shows "ALTM SELECT".
7) Check if "UPS AT" is marked. If yes, go to 10.
8) Turn the rotary knob until "UPS AT" is highlighted.
9) Press the "STO" button to select "UPS AT".
10) Press the rotary button until "SPECIALS" appears.
11) Check if "ALTM HIGH RESOL" is marked. If yes go to 14.
12) Turn the rotary button to select "ALTM HIGH RESOL".
13) Press the "STO" button to set high resolution.
14) Press the rotary button until "ERROR LATCHES" appears in the display.
15) Turn the rotary button to select "CLEAR LATCHES".
16) Press the "STO" button to clear the error latches.
17) Press the "SEL" button to leave the menu.

Note: The protection cover must be removed before connecting the air pressure tube.
Configuration is complete now. Switch the transponder to "ALT" and check if the correct flight level is displayed.

This Installation instruction describes the configuration of the Becker BXP6401-X-(XX) transponder after the installation of the Blind Encoder BE6400-01-(XX). It is not a substitute for the Installation and operation manual BE6400-01-(XX).