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May 18, 2009

ECHO U/C Alarm : model TB32

This device came about because a member of my own syndicate landed my precious fiber glass ship on the bitumen- no wheel. This sight is a sad thing to see.

The idea is that you record your own warning message that plays instead of having only a beep. The normal type of warning as a beep is often confused with the busy sounds of radio and often GPS an Vario sounding off on final so mistakes happen. However a voice telling you that the U/C status is not correct cannot be mistaken and an expensive and embarrassing, and perhaps dangerous incident is avoided.

POWER

The 9v battery clip is provided for setting up or normal use but the ECHO can be connected to the 12volt aircraft electrical system.

Power drain is zero while the message is not playing.

MESSAGE

There is a microphone and a button marked REC.

To record a message:

- Power the ECHO box by connecting a battery to the + and – terminals. (polarity protected). The message plays.
- Using a match stick or similar, press and hold the “REC” button down while you recite your message, speaking close but not directly into the microphone. Release the button.
- Interrupt the battery power to play your message.
- Experiment to obtain the best result.

Note: You must complete your recording by releasing the button for it to repeat play successfully. Releasing and depressing the REC button will over write your message if the battery is connected.

MOUNTING

The ECHO can be fixed to a smooth clean surface by the double sided tape or through a standard 57mm panel cutout or with fasteners by the enclosure tabs. Shear the tabs off if not required.

The device does not include switches or wiring beyond the connector. The aircraft will have to have switches installed on the undercarriage and air brake systems. We recommend magnetic read type switches with the magnets attached to push rods (burglar alarm types).

NOTE: The NC terminal has no internal connection and may be useful to join the switch and power leads.

This device is for recreational use only.

