



Customer Information Letter

Sky Connect LLC

Letter Number: SC2006-006

Dated: August 29, 2006

Category: Aviation Units

Topic: Knob Stops on 6 Position Dialer 1616-051-01/03

Importance: Customer optional

The knob on the two part numbers listed above has never had a mechanical stop. It is inherent to the type of part and the electrical properties of the part, that Sky Connect could not purchase a switch that allowed for a stop to be installed.

We have heard from customers that this has been a problem in certain operations and would like to offer the following as a corrective action.

Fix; Sky Connect has manufactured a mechanical stop to be installed on the face plate of the above parts. The correction also replaces the knob with one that has a pointer that will use the stop to restrict the movement of the switch to the 1-6 positions of the switch.

This maintenance does not affect the operation of the Dialer in any way other than restricting the knob from turning past its intended use. FAA return to service is at the discretion of the installer to determine if one has the means to accomplish this task.

Required parts;

Qty.	Part Number	Description
1 square inch	1616-051-0117	Double sided tape
1ea.	1616-051-0115	Knob
1ea.	1616-051-0116	Stop

Tools required;

1ea. 1/16" Allen wrench

1ea. Exacto knife

1ea. Common screwdriver

Corrective procedures;

1. Rotate the switch so the pointer is positioned on the #1 selection.
2. Using a 1/16" Allen wrench remove the current knob, with care not to rotate the switch to another position.
3. Install the new knob (PN 1616-051-0115) on to the shaft of the switch, aligning it's pointer to the #1 position. Lock in place with the 1/16" Allen wrench.
4. Using the supplied tape (1616-051-0117), remove one of the backings of the tape and apply to the bottom side of the knob stop. The bottom is the side without the chamfers on the edge. Trim the excess tape with an Exacto knife.
5. Remove the remaining backing from the tape and slide stop around the knob squaring the stop with the face plate of the dialer.
6. Apply enough pressure to the stop to assure it is secured to the face plate of the dialer.
7. Rotate the knob to assure it rest correctly against the stop in position #1 as well as position #6.
8. Check proper settings of the knob by referring to the Aviation Series Installation Manual, Section 7, paragraph on, Configuring the Tracker. There is a table in this paragraph that explains how to test the dialer lines. This will also check for the proper alignment of the knob.
9. Return the unit to service by appropriate means.

Please call Sky Connect at 985-863-0954 if you have any questions, or email at services@skyconnect.aero

The knob stop installed.

