

ARCS PROCEDURE:  Author: W. Porch	CEILOMETER SHUTDOWN/RESTART PROCEDURES	PRO(CEI)-005.002  July 14, 1998 Page 1 of 2
---	---	--

## Ceilometer Shutdown/Restart Procedures

### I. Purpose:

This document describes the shutdown/restart procedures for the ceilometer assembly and computer.

### II. Cautions and Hazards:

- **Do Not** power-down the ceilometer unless you received instruction to by TWPPO or the experiment center.
- Reboot this computer according to this procedure to ensure that the file system on the hard disk is not corrupted nor the disk drive damaged. It is absolutely **forbidden** to either cycle the power to the computer or to enter CNTL-ALT-DEL to reboot without prior authorization from TWPPO or their designee.
- The ceilometer is powered down **only** for repairs, for relocation/transport, or to check serial communications (see diagnostic procedures). Reboot **only** if no data is being collected (see display).

### III. Requirements:

- Specific instruction to shutdown the ceilometer from TWPPO or the experiment center.
- Ceilometer key.

### IV. Procedure:

#### A. Shutdown Procedure 1: Ceilometer:

1. Unlock the front cover of the ceilometer with the ceilometer (special) key; key is located in the U-Van keybox.
2. Turn all switches inside the ceilometer to the "OFF" position.
3. Close and relock the front cover of the ceilometer.
4. Return key to U-Van keybox.

#### B. Shutdown Procedure 2: Ceilometer Computer:

1. Go to the ceilometer computer in the I-Van. Position the ceilometer computer's cursor to the OS/2 desktop. Position the cursor inside the window, but do not point it at any icon.

<p>ARCS PROCEDURE:</p> <p>Author: W. Porch</p>	<p>CEILOMETER SHUTDOWN/RESTART PROCEDURES</p>	<p>PRO(CEI)-005.002</p> <p>July 14, 1998</p> <p>Page 2 of 2</p>
--	---	---

**NOTE: *If the pointer cannot be located on the screen, type "ALT/ESC." The screen should condense and the OS/2 desktop and the pointer are now visible.***

2. Click the pointer button number 2 (usually the right-hand mouse button); a menu pops up. If a menu does not appear, try again—you may have pressed the wrong pointer/mouse button.
3. Click or select "shutdown" from this menu.
4. Select "YES" in all dialog boxes to proceed with the shutdown. After a few moments the computer displays a message: "**It is now safe to turn off the computer.**" You may turn the computer off or hit the "**CTRL-ALT-DELETE**" keys at the same time to reboot the computer.
5. Flip the switch at the left side of the computer (next to the power cord) to turn OFF the computer.
6. Write this action in the "Comments" section of the Site Data Log report.
7. The ceilometer is now shutdown.

**C. Ceilometer Restart Procedure:**

1. Unlock and open the front cover of the ceilometer cabinet using the ceilometer (special) key. The key is kept in the U-Van keybox.
2. Set all switches inside the ceilometer to the "ON" position.
3. Close and relock the ceilometer's front panel.
4. Return key to the U-Van keybox.

**D. Laptop Computer Rebooting Procedure:**

1. Flip the switch at the left side of the computer (switch is located next to the power cord) to turn ON the computer. The ceilometer software starts automatically.
2. The ceilometer and laptop computer are now restarted and running.

**V. References:**

1. Vaisala Manual.

**VI. Attachments:**

None.