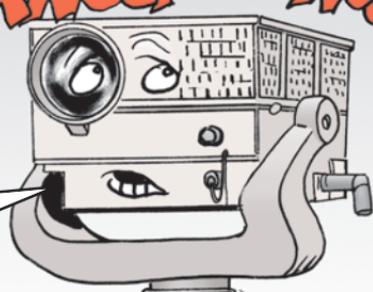


**WHAT'S THAT LOUD KNOCKING?**

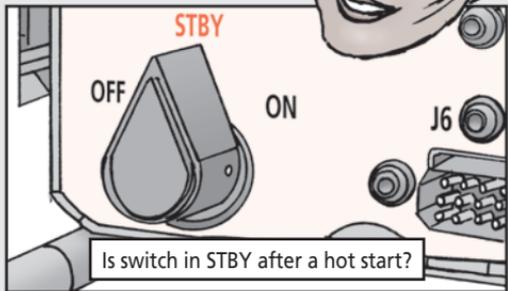
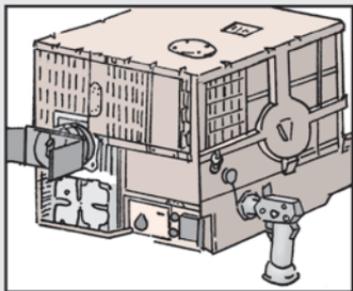
**KNOCK-KNOCK-KNOCK-KNOCK**



GAHEME... YOU SEEM TO HAVE LOUD INTERNAL NOISES.



LRAS3 OPERATORS AND MAINTAINERS, HAVE YOU HEARD A LOUD KNOCKING SOUND WHEN YOUR BLOCK 1 LRAS3 IS PLACED IN THE COOLER-ONLY OR STANDBY MODE AFTER A HOT START?



Is switch in STBY after a hot start?

A hot start is when the LRAS3 FLIR has not cooled down. This knocking may be loud enough for the LRAS3 to be heard beyond 50 meters. The knocking is telling you that the standard advanced dewar assembly (SADA) cooler is taking a beating and will have a very reduced life.

If you haven't heard the knocking, yet, but your Block 1 LRAS3 has a serial number of 1000 or higher, chances are good you will hear it soon. If the serial number is 0999 or less, you have a Block 0 configuration and you're in the clear.

What should you do if you have this knocking problem? You should turn the switch from STBY to ON. For any other questions about your LRAS3, call Robert Youngblood at DSN 654-4772 or (703) 704-4772. Or email: [robert.youngblood@us.army.mil](mailto:robert.youngblood@us.army.mil)

This does not happen on every LRAS3, and only occurs when not cooled and the switch is in STBY.