

## **Kpix Run Check-List**

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Initial: \_\_\_\_\_

### **I. Kpix Hardware Maintenance:**

#### **Power supply:**

- Is the GEM HV PS on?      Readings: V=\_\_\_\_\_ V
- Is PMT Lambda HV PS on?      Readings: A=\_\_\_\_\_ (μA)
- What is the COW set Voltages?      PMT 1: V=\_\_\_\_\_ V PMT2: V=\_\_\_\_\_ V
- Is Low Voltage Power Supply on? Readings: LV1:\_\_\_\_\_ V,    LV2:\_\_\_\_\_ V

#### **Gas supply:**

- Gas cylinder: Regulator reading: \_\_\_\_\_
- Gas cylinder: Rate meter reading: \_\_\_\_\_
- What is the flow meter reading? \_\_\_\_\_
- Is the gas supply bubbler bubbling? Rate per minute: \_\_\_\_\_

#### **Wire connection:**

- Are the two USB cables connected?
- Are all logic cables connected to the correct modules?

#### **GEM/Noise detector performance**

- Are both visual scalars going?      If not, which one failed: \_\_\_\_\_
- No spark noise heard near the GEM chamber for one minute

**Contact Yvonne or Josh IMMEDIATELY if any of the boxes above are not checked. NO EXCEPTION.**

**Yvonne: 817-793-3283**

**Josh: 850-368-5523**

II. Kpix Data Taking:

Type of the on-going run: Cosmic , Source , Pedestal , Calibration

Did you stopped a run? If yes, name of the data file: \_\_\_\_\_

Below, write down the types of the Runs Performed

Calibration run:

Noise run:

Cosmic run:

Source run: