Virtual Telescope for X-ray Observations

Kyle Rankin – New Mexico State University
PI: John Krizmanic - 661
Mentor: Neerav Shah - 595

ConOps

Mission Fuel Consumption

NOTE: ONLY INCLUDES FUEL CONSUMED DURING OBSERVATIONS

Instrument

• Phase Fresnel Lens

J. Krizmanic, R. Streitmatter, Z. Arzoumana, V. Badilite, K. Gendreau, N. Gehrels, R. Ghodssi, B. Morgan, and G. Skinner, “Phase Fresnel Lens Development for X-ray & Gamma-ray Astronomy,” Earth Science Technology Forum, 2007.

Observation Fuel Consumption