Outline

Intro Paragraph – Line up the main points

Main Point -> Space is insecure though the attack vectors are limited this will soon change with the rise of private satellites which will cause a much more dangerous space.

Evidence:

Tesla Starlink Planet and Hawkeye 360 are private companies who are creating satellite constellations and have been attacked.

Iridium Satellites can already be hacked and methodologies for finding vulnerabilities have been an active topic. Hack-A-Sat

Nist Acknowledges the inevitability of Cyber Space dangers – Risk Management Framework for Space, Dangers of TDRS etc.

Paragraph 1

Private Companies

Paragraph 2

Current Vulnerabilities and old Satellites

Paragraph 3

NIST framework history and the acknowledgement that NIST is about mitigation not prevention or immunity

Conclusion