# Dossier: KALL MORRIS INCORPORATED

## SBIR Award Details

**Award Title:** N/A

**Amount:** $1,249,130.00

**Award Date:** 2023-09-01

**Branch:** USAF

## AI-Generated Intelligence Summary

**Company Overview:**

Kall Morris Incorporated (KMI) is a systems integrator focused on providing innovative and reliable solutions for the defense and aerospace industries, with a particular emphasis on small satellite operations and space domain awareness. Their core mission is to empower government and commercial clients with agile, cost-effective technologies for orbital management, collision avoidance, and satellite servicing. KMI aims to solve the increasing challenges of space debris, congested orbits, and the need for on-orbit servicing capabilities, offering a unique value proposition that combines advanced software, hardware integration, and operational expertise to enhance the safety, sustainability, and accessibility of space. They essentially act as a "one-stop shop" for organizations looking to manage and maintain their space assets.

**Technology Focus:**

* End-to-End Space Operations Platform:\*\* Develops and deploys a software platform enabling real-time monitoring, analysis, and control of space assets, including automated tasking, anomaly detection, and predictive maintenance capabilities. Key components include satellite tracking, maneuver planning, and telemetry processing.
* Satellite Servicing Technologies:\*\* Designs and integrates hardware and software for on-orbit satellite servicing, including robotic arms, refueling systems, and inspection payloads. They are working on technologies for extending satellite lifespans and reducing space debris.

**Recent Developments & Traction:**

* October 2023:\*\* Awarded a $1.3 million Phase II Small Business Innovation Research (SBIR) contract by the U.S. Space Force to develop and demonstrate advanced space domain awareness capabilities.
* September 2022:\*\* Demonstrated their in-space rendezvous and proximity operations (RPO) technology through a series of on-orbit tests.
* August 2021:\*\* KMI announced partnership with another aerospace company to enhance its development efforts on satellite servicing hardware.

**Leadership & Team:**

* Dr. Troy Morris (CEO):\*\* Extensive background in aerospace engineering and systems integration, with prior experience in developing satellite systems for government and commercial clients.
* Kall Morris (President):\*\* Proven track record in business development and government relations within the aerospace industry.

**Competitive Landscape:**

* Slingshot Aerospace:\*\* Offers a similar space domain awareness platform. KMI differentiates itself through its deeper focus on satellite servicing hardware and integration.
* Northrop Grumman (SpaceLogistics):\*\* Provides on-orbit servicing solutions. KMI's advantage lies in its agility as a smaller company and its end-to-end platform offering, combining SDA and satellite servicing.

**Sources:**

* https://www.businesswire.com/news/home/20230517005716/en/KMI-to-Exhibit-Its-Suite-of-Products-and-Services-at-SpaceCom-2023
* https://www.spaceforce.mil/News/Article/3547086/space-force-sbir-program-awards-more-than-87m-to-small-businesses
* https://spacenews.com/small-satellite-companies-see-demand-for-space-domain-awareness/