



Jeff Whalen, PhD  
Director,  
MagCorp

# MAGCORP OVERVIEW

## NDIA MINE-TO-MAGNET WORKSHOP

JANUARY 2024

# LARGEST AND HIGHEST POWERED IN THE WORLD

- Utilized by **327 universities** across the globe
- Hosts more than **1,800 scientists** annually
- **100+ patents** over lab's lifetime



NATIONAL  
**MAGLAB**



# MAGCORP IS A CONDUIT BETWEEN THE MAGLAB AND THE PRIVATE SECTOR





# THE MAGCORP MISSION

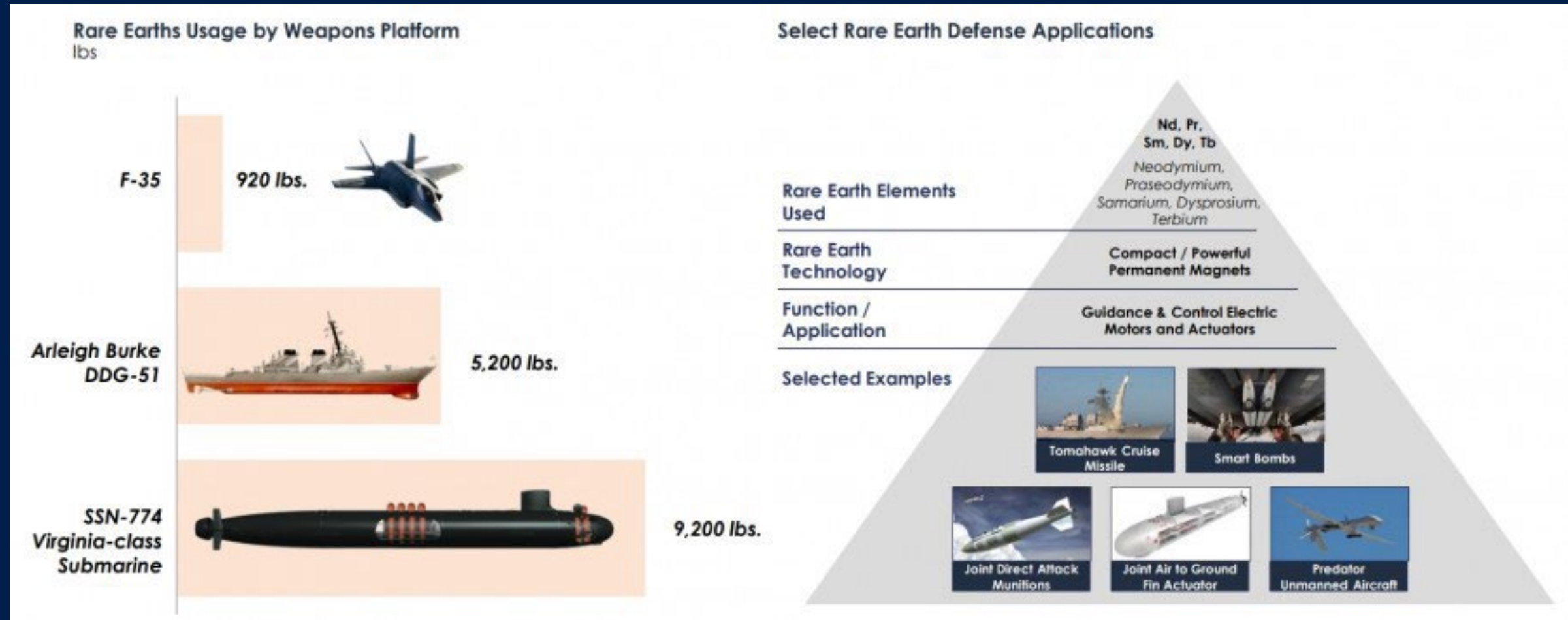
Connect businesses to the expertise of the MagLab to drive market solutions and economic growth.

# STANDARDIZING QUALITY FOR RARE EARTH MAGNETS

The US can no longer rely on China for permanent magnets.

Quality permanent magnets:

- Reduce component failures in field.
- Minimize damage to surrounding components.
- Decrease reliability on overseas supply inputs.



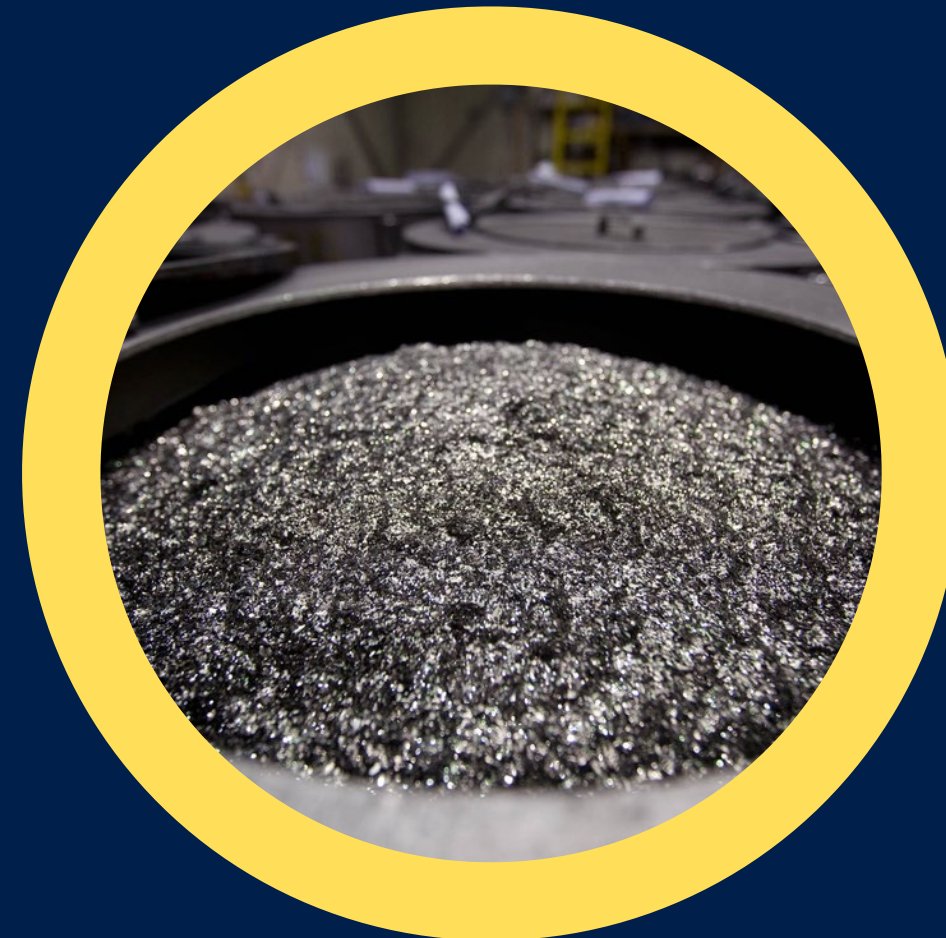
# NEW BEST PRACTICES

## INDUSTRY STANDARDIZATION:

- Documented testing procedures for magnet quality.
- Continually updated qualified producers list

## BASIC PROPERTIES:

- Magnetic
- Physical
- Chemical
- Transport



THANK YOU!

[www.magneticscorp.com](http://www.magneticscorp.com)