

The Aerospace Corporation

An Overview

Presented by Greg Meholic

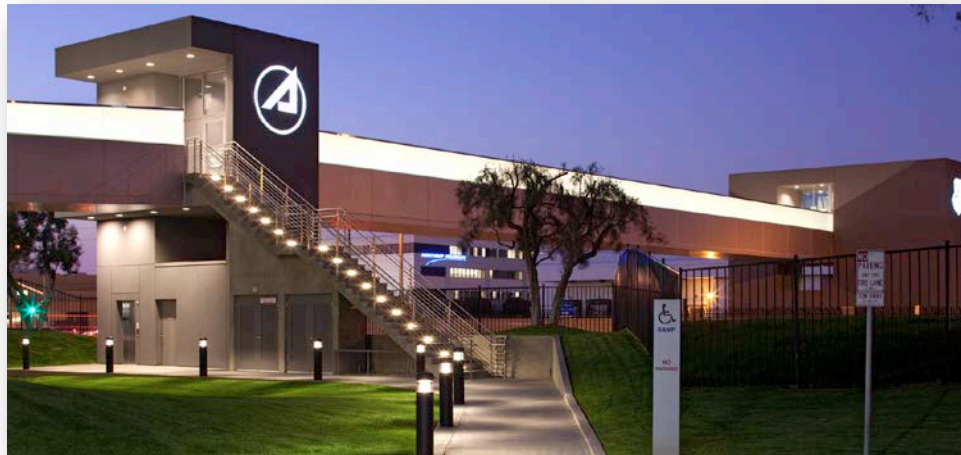
November 1, 2017

The Aerospace Corporation

- Created in 1960 as a California nonprofit corporation
 - *Attract and retain high quality engineers, scientists, and managers*
 - *Governed by Board of Trustees*
- Operates a **Federally Funded Research and Development Center** (FFRDC) sponsored by the U.S. Air Force



- Work for DOD, NASA, other national and international civil and commercial clients
- A company of 3500 that provides advanced scientific and engineering services for space and related high-technology systems



What is an FFRDC?

Federally Funded Research and Development Centers:

- Are sponsored by government agencies (DOD, DOE, IRS, others)
- Provide objective advice and perform research and development activities in highly complex technological disciplines
- Work in the national interest
- Are administered independently to ensure objectivity
- Are dedicated to the success of their sponsors



Aerospace Attributes

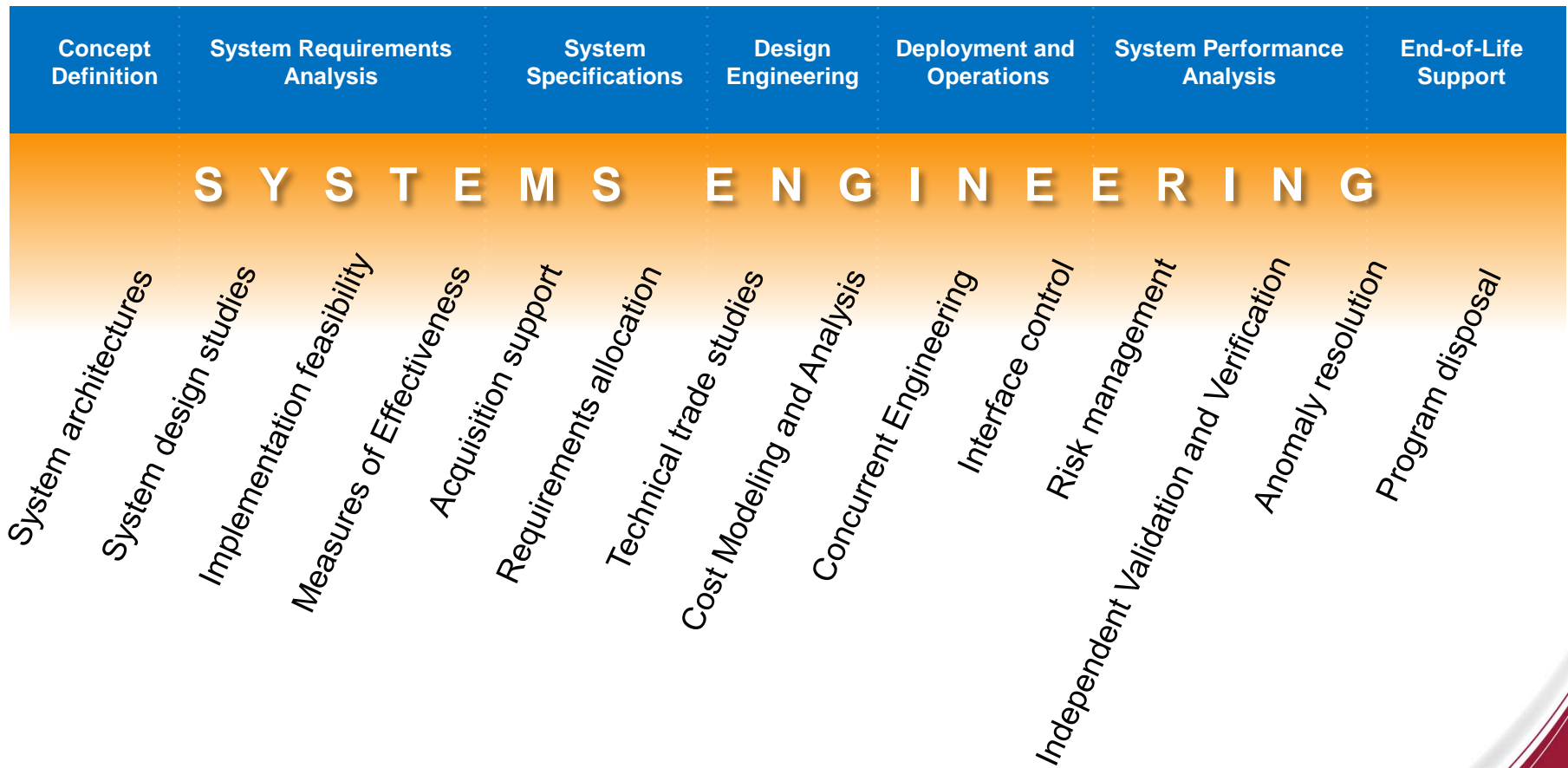


- Absolutely no organizational conflicts
 - *Go to any company*
 - *Serve on any source selection*
 - *Delve into any technical problem*
- Evaluate innovative space technologies
 - *The nation's corporate memory for space systems*
- Sole interest is the mission success of our customer
 - *Motive is not for profit or business growth*



System Life Cycle Experience

Aerospace Provides Critical Cross-Program Technical Support



The Aerospace Corporation applies rigorous systems engineering processes at all levels of support



Aerospace Technical Organization

Program Offices

Systems Planning and Engineering

Space Programs

Space Support

Space Launch

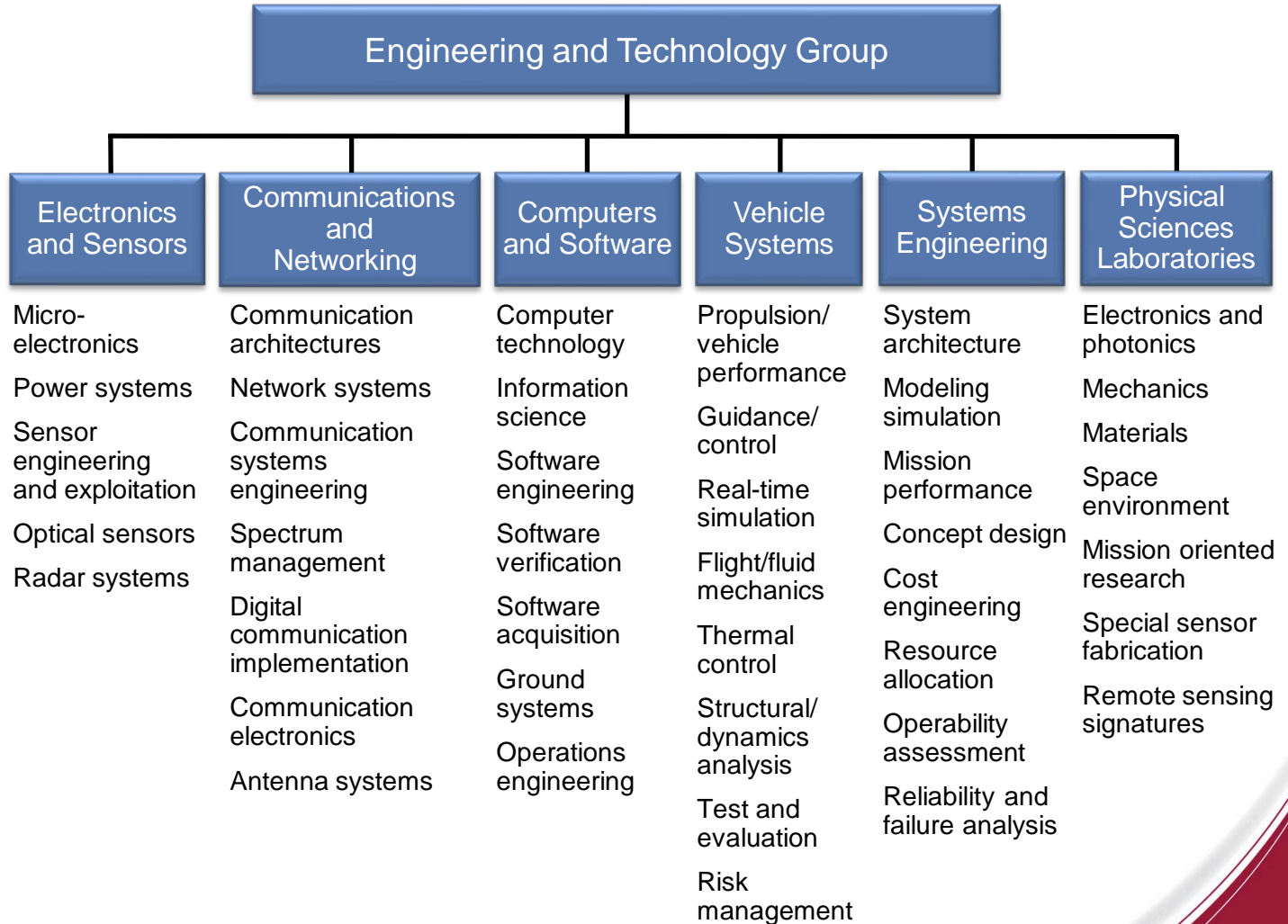
Electronic Programs

Imagery Programs

Advanced Technology

Planning and Communications

Civil and Commercial



Aerospace expertise spans all areas of space engineering & technologies

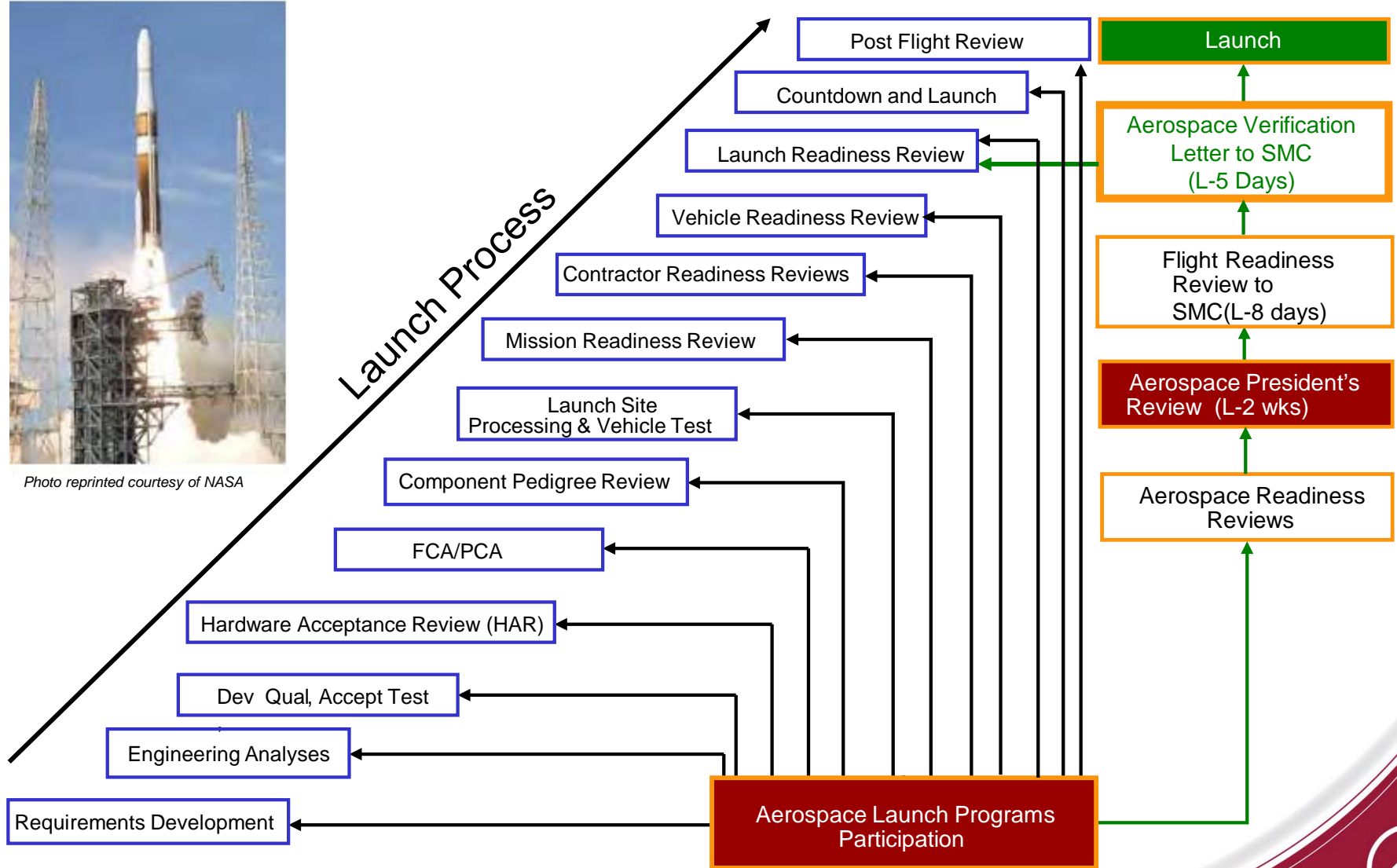


Aerospace Launch Mission Assurance

Launch Readiness Verification Process



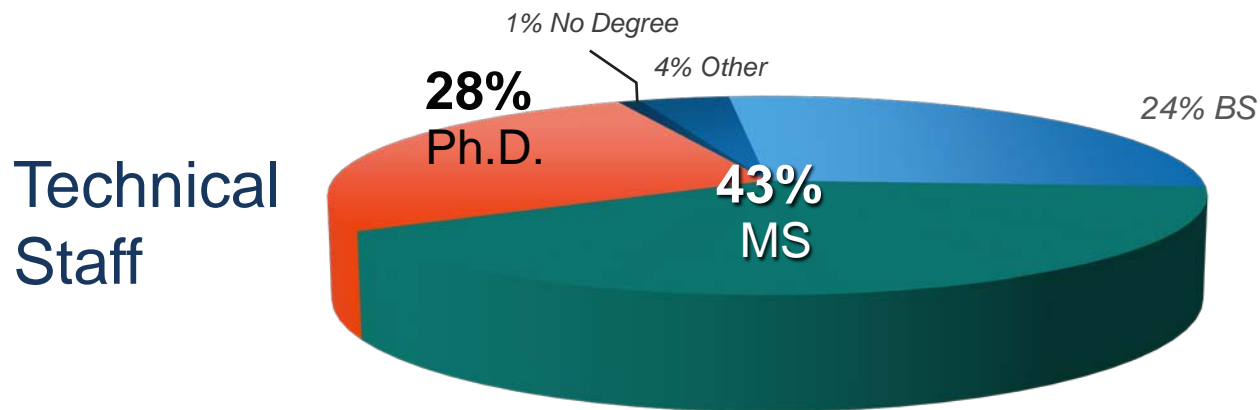
Photo reprinted courtesy of NASA



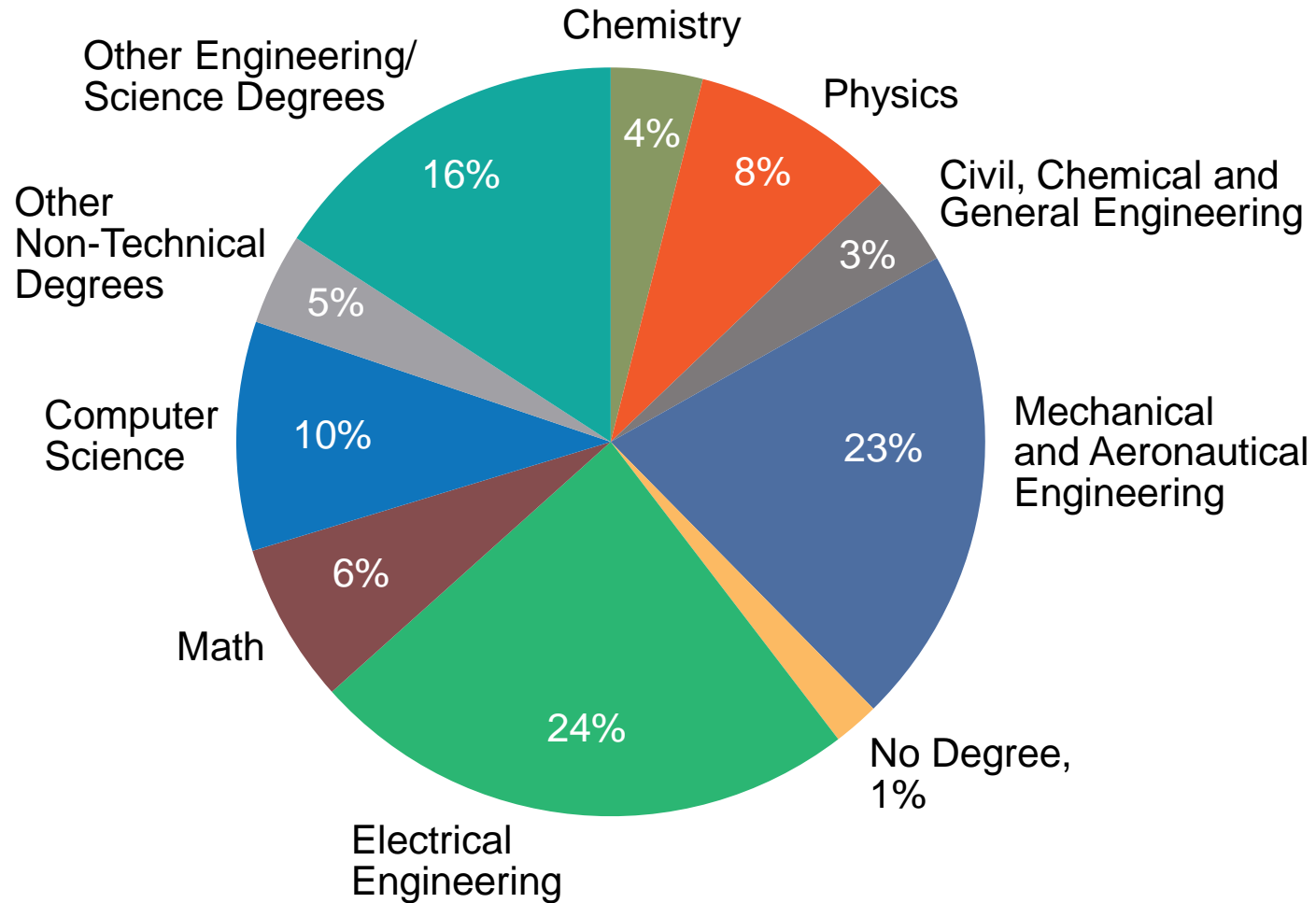
Previous Affiliation and Degrees of Technical Staff

Employees ~3500 people, ~2500
Technical Staff, ~28% Ph.D. ~43% MS

- *Roughly 73% have prior government, military or industry experience*
- **Average 25 years of experience (Industry average 18 years)**
- **Stable workforce, < 2% annual attrition (Industry average 15% attrition)**



Discipline of Technical Staff*



* as of December 2012



The Aerospace Corporation Locations*

Co-located with major customers



* as of December 2012

