



CALIFORNIA

AEROSPACE KEY FACTS AND FIGURES



California has several great attributes for the aerospace industry, such as an ideal climate for flight-testing, a large restricted airspace, numerous military installations, easy access to international manufacturing, major shipping ports, a deep labor pool fed by reputable educational institutions, and an emerging start-up scene.



69,725 NASA jobs contributing to an economic output of \$16.6 billion

For every NASA job an additional **40.5 jobs** are supported in the state economy

27% of NASA's total procurement spending is in California



The California aerospace industry revenue is equivalent to the agriculture and arts & entertainment industries combined



8 Major Airports



18 *Aerospace Engineering Programs

310,281



Jobs supported by the aerospace and defense industry in 2019 (103,287 direct) within approximately 850 companies

\$10.5 billion



Annual aerospace and defense exports

\$111,902



Average aerospace industry wages per year, among the highest paid employees in Southern California, almost twice the average paid in all other industries

MAJOR INDUSTRY EMPLOYERS



- > Aerojet Rocketdyne
- > The Aerospace Corporation
- > BAE Systems
- > The Boeing Company
- > Collins Aerospace
- > General Atomics
- > Jacobs Technology
- > Kratos Defense
- > L3
- > Lockheed Martin Corporation
- > Magellan
- > Naval Air Systems Command
- > Northrop Grumman Corporation
- > Raytheon
- > SAIC
- > Scaled Composites
- > SSL, a Maxar company
- > SpaceX
- > Trimble Navigation
- > Virgin Galactic
- > Zodiac Aerospace



MAJOR MILITARY INSTALLATIONS



The state has played a significant role in major aerospace accomplishments, including developing the Mars landers, the Space Shuttle, the B-2 Stealth Bomber, and the Global Positioning System.

- > Amedee Army Airfield
- > Beale Air Force Base
- > Bicycle Army Airfield
- > Edwards Air Force Base
- > Los Alamitos Army Airfield
- > Los Angeles Air Force Base
- > Travis Air Force Base
- > March Air Force Base
- > Marine Corps Air Station Miramar
- > Naval Air Station Lemoore
- > Naval Air Station North Island
- > Naval Air Station Point Mugu
- > Naval Air Weapons Station China Lake
- > Vandenberg Air Force Base

REFERENCES

- https://laedc.org/wp-content/uploads/2016/03/LAEDC_Aerospace_FINAL_20160331b.pdf
- <https://www.atkearney.com/aerospace-defense/article?/a/california-aerospace-industry-economic-impact-study>
- https://www.nasa.gov/sites/default/files/atoms/files/2020_nasa_eir_brochure_for_fy19.pdf
- https://www.nasa.gov/sites/default/files/atoms/files/nasa_fy21_economic_impact_report_full.pdf

* ABET accredited school and/or AIAA Student Branch



The American Institute of Aeronautics and Astronautics (AIAA) comprises nearly 30,000 members that span over 100 countries. They are engineers, researchers, scientists, entrepreneurs, educators, and students. They drive economic growth, discoveries, and innovations that help the aerospace community accomplish what was once thought impossible.

AIAA delivers extensive technical expertise and policy guidance to decision makers at the federal and state levels, serving as a reliable resource on a full spectrum of aerospace issues.

AIAA CAN HELP PROVIDE:

- › One-on-one meetings between technical experts and lawmakers to offer background on key aerospace issues
- › Informational seminars on key issues for groups
- › Expert testimony before lawmakers
- › White papers on specific aerospace topics

aiaa.org/advocacy