



U.S. AIR FORCE

Raytheon



**EL SEGUNDO'S FIVE LARGEST EMPLOYERS**

Raytheon	8,655
Boeing	6,666
Northrop Grumman	5,561
LA Air Force Base	2,727
The Aerospace Company	2,337

**YOU  
DID KNOW?**

More than half the satellites and vehicles in space have been manufactured in El Segundo?

## EL SEGUNDO: THE AEROSPACE CAPITAL OF THE WORLD

California is acknowledged as playing a central role in the aerospace world and in America's defense. El Segundo, with some of the nation's finest intellectual capital and a wealth of aerospace/defense firms offering high-tech R&D, manufacturing, consulting and support services, is a key contributor and economic force on behalf of the region and state.

The region became the world leader in aerospace research, development and production many decades ago due to some simple dynamics: weather, terrain, and available space; but it is our technically superior workforce, advanced aerospace infrastructure and education and government institutional base that has sustained this position.

As the proud home of the Los Angeles Air Force Base for almost 50 years, El Segundo is the hub of the region's aerospace industry and extraordinary intellectual capital.

### > HOME TO LOS ANGELES AIR FORCE BASE

Los Angeles Air Force Base has been described by the Los Angeles Economic Development Corporation as the "economic engine of the South Bay." The base houses the Space and Missile Systems Center, which serves as the U.S. Air Force's center of acquisition excellence for acquiring and developing military space systems including our nation's network of global positioning satellites, military satellite communications, defense meteorological satellites, space launch and range systems, satellite control network, space based infrared systems, intercontinental ballistic missile systems and space situational awareness capabilities. The base manages more than \$60 billion in contracts, executes annual budgets of \$10 billion and employs more than 6,800 people worldwide. Eighty percent of the Air Force's acquisition budget flows out of the base to aerospace and defense contractors around the globe.

### > TRANSFORMATION: AEROSPACE PIONEERS TO INDUSTRY LUMINARIES

As the leading hub for the aerospace and defense industry on the West Coast, El Segundo has held the moniker of "Aerospace Capital of the World" for nearly a half century. After adjacent Mines Field became the site of Los Angeles Municipal Airport in 1930, aircraft companies such as Douglas, Hughes, Northrop and North American Aviation (later Rockwell) eventually settled in El Segundo. These firms transitioned into the fledgling aerospace industry after World War II. The founding of Los Angeles Air Force Base and The Aerospace Corporation at the turn of the '60s further cemented El Segundo's reputation as a key center for national defense research and manufacturing. Stealth technology is just one of many important applications developed in El Segundo by the world's leading engineers and scientists.

The city houses a thriving core of the world's most prominent defense firms. These include such luminaries in the field as Northrop-Grumman, Boeing, Raytheon and

EL SEGUNDO THE CITY THAT INVESTS IN YOU.



**FAST FACTS:**

- > Raytheon's sensor technology, developed in El Segundo, has been used for a number of diverse applications, including the War in Iraq as well as the Mars Rover and Orbiter.
- > Northrop-Grumman's Integrated Systems sector, headquartered in El Segundo, is the prime contractor for the Multi-Platform Radar Technology Insertion Program. It also builds components for the U.S. Air Force's F-35, and the U.S. Navy's F/A-18 and EA-18G.
- > Boeing, the city's second largest employer, is the prime contractor for the F/A-18 and has its Global Positioning System IIF assembly and test facility in El Segundo.



F/A 18 by Boeing

Lockheed-Martin. Additionally, Wyle Laboratories, headquartered in El Segundo, is one of the nation's leading providers of specialized engineering, scientific and technical services to NASA and the Department of Defense. Rounding out a long list are recent arrivals SAIC (a principal defense contractor in charge of project managing development of GPS III - the next generation of global positioning satellites) and Teledyne Controls, a leading provider of defense electronics that recently moved its headquarters to El Segundo.

**> EXCELLENCE IN RESEARCH, DEVELOPMENT AND MANUFACTURE**

El Segundo is a center of excellence for aerospace and defense research and development. With LAAFB working in tandem with its co-located Aerospace Corporation (a federally-funded defense research corporation support team), the Air Force enjoys a close geographic and broad synergistic relationship with all major aerospace and defense contractors, and their suppliers.

Boeing's Space and Intelligence Systems (S&IS) is the world's leading manufacturer of geostationary satellites. Its facility, known as the Satellite Development Center, (SDC) and headquartered in El Segundo, manufactures the world's most powerful communications satellite designed to support mobile communications, and a series of global positioning satellites and military communications satellites. At any given time more than two dozen of these powerful spacecraft are in varying stages of production. Within the El Segundo facility, talented people create innovative space-based solutions that link, protect, and transform the world. Satellites designed here are manufactured, tested, and readied for shipment in the Integration and Test Complex (ITC). Encompassing approximately 1 million square feet, this state-of-the-art facility is the largest dedicated satellite factory in the world.

Northrop Grumman's El Segundo facility serves as the headquarters of Northrop Grumman Integrated Systems. Major programs include the F-35 Lightning II Joint Strike Fighter, the F/A-18 Super Hornet, and an advanced radar system program for the U.S. Air Force. The site is also a major advanced development center for the company and is currently engaged in development of the U.S. Navy's Unmanned Combat Air System Carrier Demonstration (UCAS-D). UCAS will demonstrate the capability of an autonomous, low-observable air vehicle and will conduct the first ever at-sea carrier launches and recoveries of a fixed-wing unmanned air system. Additionally, Northrop Grumman is designing for the U.S. Department of Defense the first-ever supersonic flying oblique-wing aircraft that can vary the sweep of its wing for the most efficient flight performance.

Raytheon's El Segundo-headquartered Space and Airborne Systems (SAS) is a leader in designing and developing integrated systems for crucial missions. For decades, this team has supported military and civil customers with focused, forward-looking technology. Key SAS capabilities include: airborne radars and processors, electro-optic/infrared (EO/IR) sensors, electronic warfare and precision guidance systems, active electronically scanned array (AESA) radars, space and missile defense technology, and intelligence, surveillance and reconnaissance (ISR) systems. Raytheon is El Segundo's largest employer with 8,500 member workforce based here.