

AMENDED IN ASSEMBLY MARCH 23, 2015

AMENDED IN ASSEMBLY MARCH 17, 2015

CALIFORNIA LEGISLATURE—2015–16 REGULAR SESSION

Assembly Concurrent Resolution

No. 43

Introduced by Assembly Member O'Donnell

(Principal coauthor: Assembly Member Hadley)

(Coauthors: Assembly Members Achadjian, Travis Allen, Atkins, Baker, Bigelow, Bloom, Bonilla, Bonta, Brown, Burke, Calderon, Campos, Chang, Chau, Chávez, Chiu, Chu, Cooley, Cooper, Dababneh, Dahle, Daly, Dodd, Eggman, Frazier, Beth Gaines, Gallagher, Cristina Garcia, Eduardo Garcia, Gatto, Gipson, Gomez, Gonzalez, Gordon, Grove, Harper, Roger Hernández, Holden, Irwin, Jones, Jones-Sawyer, Kim, Lackey, Levine, Linder, Low, Maienschein, Mathis, Mayes, McCarty, Medina, Melendez, Mullin, Nazarian, Obernolte, Olsen, Patterson, Perea, Quirk, Rendon, Ridley-Thomas, Rodriguez, Salas, Santiago, Steinorth, Mark Stone, Thurmond, Ting, Wagner, Waldron, Weber, Wilk, Williams, and Wood)

March 9, 2015

Assembly Concurrent Resolution No. 43—Relative to California Aerospace Week.

LEGISLATIVE COUNSEL'S DIGEST

ACR 43, as amended, O'Donnell. California Aerospace Week.

This measure would recognize the contributions of the aerospace industry to the history, economy, security, and educational system of California, its communities, and its citizens by proclaiming the week

of March 23, 2015, through March 27, 2015, as California Aerospace Week.

Fiscal committee: no.

1 WHEREAS, The California aerospace industry is a powerful,
2 reliable source of employment, innovation, and export income,
3 directly employing more than 203,000 people in California and
4 supporting more than 511,000 jobs in related fields resulting in
5 \$2.9 billion in annual state income tax revenues; and

6 WHEREAS, The California aerospace industry leads the United
7 States in aerospace and defense services, including the design and
8 manufacture of aircraft, spacecraft, and commercial satellites, as
9 well as a myriad of systems and instruments for search, detection,
10 navigation, guidance, and radio and television broadcast and
11 wireless communication systems; and

12 WHEREAS, California is home to many superb sites of air and
13 space activity, including Vandenberg Air Force Base, two Federal
14 Aviation Administration-licensed launch sites, the Mojave Air and
15 Spaceport, more than 20 astronomical observatories, multiple
16 international airports, many important defense aerospace bases,
17 and hundreds of business and general aviation airfields; and

18 WHEREAS, California is also home to three National
19 Aeronautics and Space Administration (NASA) research and
20 engineering centers. These centers are recognized as the Ames
21 Research Center, the NASA Neil A. Armstrong Flight Research
22 Center, formerly known as the Dryden Flight Research Center,
23 and the Jet Propulsion Laboratory (JPL); and

24 WHEREAS, California has led the nation in aeronautical firsts
25 and California's aerospace industry produced many of the
26 significant and record-breaking aircraft that are now represented
27 in the Smithsonian Institution's National Air and Space Museum.
28 The Spirit of St. Louis, which in 1927 performed the first solo
29 nonstop transatlantic flight from New York to Paris, France, was
30 designed and built in California by Ryan Airlines and made Charles
31 Lindbergh an international hero. The Douglas DC-3, recognized
32 as the most successful airliner in history, dominating both
33 commercial and military air transportation from its introduction
34 in 1935 until after World War II, was designed and built in
35 California by the Douglas Aircraft Company. The Space Shuttle
36 was designed, built, assembled, and tested in California. California

1 is home to Edwards Air Force Base, the site of five test flights of
2 the Shuttle Enterprise, the landing site of 54 Space Shuttle
3 missions, and the site of the 199 X-15 missions; and

4 WHEREAS, Edwards Air Force Base, known for its notable
5 aeronautical achievements, was the location of many first flights
6 of American aircraft, shuttles, and experimental jets flown from
7 Rogers Dry Lake in the Mojave Desert of Kern County. America’s
8 first jet, XP-59A, was first flown in California. General Charles
9 “Chuck” Yeager made world history in California on October 14,
10 1947, when he became the first man to fly Mach 1, faster than the
11 speed of sound, while piloting the Bell X-1 rocket plane. The rocket
12 powered X-15, flown by former State Senator William J. “Pete”
13 Knight, attained a speed of Mach 6.7 (4,520 miles per hour), a
14 speed that remains, to this day, the highest ever attained in a
15 manned aircraft. The Rutan Model 76 Voyager was the first aircraft
16 to fly around the world without stopping or refueling; and

17 WHEREAS, California has led the nation in firsts in human
18 space exploration, including the manufacture of the Apollo 11
19 command module that carried the first humans to the surface of
20 our moon; the manufacture and landing of the Space Shuttle
21 orbiters, the first reusable space vehicles, which include the
22 Endeavour, on display at the California Science Center; and the
23 manufacture and recovery of the SpaceX Dragon capsule and
24 Falcon launch vehicle, the first privately funded space exploration
25 system. The SpaceX Dragon cargo spacecraft will make its 5th
26 commercial cargo resupply flight to the International Space Station
27 in 2015; and

28 WHEREAS, California has led the nation in firsts in robotic
29 space exploration, including the Explorer 1 Earth observation
30 satellite as America’s first successful spacecraft, the Mariner 2 as
31 the first spacecraft to explore another planet, the Viking landers
32 as the first spacecrafts to perform experiments on another planet,
33 and the development of the Pioneer 10 spacecraft as the first to
34 exit our solar system; and

35 WHEREAS, Californians, through NASA and JPL, build,
36 manage, and operate the majority of the spacecraft exploring our
37 solar system, including the most recent Mars Science Laboratory
38 “Curiosity,” and those spacecraft exploring other solar systems,
39 like the Kepler exoplanet discovery mission, as well as the SOFIA,
40 the Stratospheric Observatory for Infrared Astronomy, that

1 administers the Airborne Astronomy Ambassadors program for
2 educators who have inspired the dreams of California youth; and
3 WHEREAS, Sally Kristen Ride, Ph.D., who was born in
4 California, stands in history as a pioneer in space exploration and
5 academia, and serves as a role model for others, by virtue of having
6 been the first American woman and the youngest person to go into
7 space when she traveled aboard the Challenger spacecraft on June
8 18, 1983; and

9 WHEREAS, California aerospace industries assemble the
10 legendary Boeing C-17 Globemaster III, build the impressive
11 Northrop Grumman Global Hawk Unmanned Aircraft Systems,
12 engineer radical new aircraft at the famous Lockheed Martin
13 “Skunk Works” Advanced Development Programs facility, and
14 create systems that assist and protect members of the Armed Forces
15 of the United States through military communications, situational
16 awareness, satellite-guided ordnance, and technologies yet to be
17 dreamed of; and

18 WHEREAS, Los Angeles Air Force Base, home of the Space
19 and Missile System Center (SMC) since 1962, carries out vitally
20 important work, including managing research, development, and
21 acquisition of aerospace technology for military space systems,
22 and continues to be an irreplaceable economic hub and center of
23 military space acquisition excellence for the nation; and

24 WHEREAS, California will continue to lead in aerospace
25 education, through its superb science, technology, engineering,
26 and mathematics (STEM) education programs and at its world-class
27 research universities, and thus will continue to lead the world with
28 the innovation that enabled advanced meteorological forecasting,
29 the Global Positioning System, NextGen tools for air traffic
30 management, green aviation, sophisticated wind tunnels and test
31 facilities, and advanced supercomputing and robotics; and

32 WHEREAS, The American Institute of Aeronautics and
33 Astronautics (AIAA), and the Aerospace States Association (ASA),
34 California Chapter, are sponsoring a week of events to highlight
35 the contributions of the aerospace community to California; now,
36 therefore, be it

37 *Resolved by the Assembly of the State of California, the Senate*
38 *thereof concurring,* That the Legislature recognizes the
39 contributions of the aerospace industry to the history, economy,
40 security, and educational system of California, its communities,

1 and its citizens by proclaiming the week of March 23, 2015,
2 through March 27, 2015, as California Aerospace Week; and be
3 it further

4 *Resolved*, That the Chief Clerk of the Assembly transmit copies
5 of this resolution to the author for appropriate distribution.

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