

**Introduced by Senator Knight**

(Principal coauthors: Assembly Members Gorell, Holden, and Muratsuchi)

**(Coauthors: Senators Anderson, Berryhill, and Fuller)**

(Coauthors: Assembly Members Gatto and Grove)

March 17, 2014

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Senate Concurrent Resolution No. 100—Relative to California Aerospace Week.

LEGISLATIVE COUNSEL'S DIGEST

SCR 100, as introduced, Knight. 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 24, 2014, through March 28, 2014, 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 162,000 people in California and  
4     supporting more than 640,000 jobs in related fields for a total  
5     payroll estimated at \$15.3 billion annually and resulting in \$500  
6     million in annual state income taxes; and  
7     WHEREAS, The California aerospace industry leads the United  
8     States in aerospace and defense services, including the design and  
9     manufacture of aircraft, spacecraft, and commercial satellites, as  
10    well as a myriad of systems and instruments for search, detection,

1 navigation, guidance, and radio and television broadcast and  
2 wireless communication systems; and

3 WHEREAS, California is home to many superb sites of air and  
4 space activity, including Vandenberg Air Force Base, two Federal  
5 Aviation Administration-licensed launch sites, the Mojave Air and  
6 Spaceport, more than 20 astronomical observatories, multiple  
7 international airports, many important defense aerospace bases,  
8 and hundreds of business and general aviation airfields; and

9 WHEREAS, California is also home to three National  
10 Aeronautics and Space Administration (NASA) research and  
11 engineering centers. These centers are recognized as the Ames  
12 Research Center, the NASA Neil A. Armstrong Flight Research  
13 Center, formerly known as the Dryden Flight Research Center,  
14 and the Jet Propulsion Laboratory (JPL); and

15 WHEREAS, California has led the nation in aeronautical firsts  
16 and California's aerospace industry produced many of the  
17 significant and record-breaking aircraft that are now represented  
18 in The Smithsonian Institution's National Air and Space Museum.  
19 The Spirit of St. Louis, which in 1927 performed the first solo  
20 nonstop transatlantic flight from New York to Paris, was designed  
21 and built in California by Ryan Airlines and made Charles  
22 Lindbergh an international hero. The Douglas DC-3, recognized  
23 as the most successful airliner in history, dominating both  
24 commercial and military air transportation from its introduction  
25 in 1935 until after World War II, was designed and built in  
26 California by the Douglas Aircraft Company. The Space Shuttle  
27 was designed, built, assembled, and tested in California. California  
28 is home to Edwards Air Force Base, the site of five test flights of  
29 the Shuttle Enterprise, the landing site of 54 Space Shuttle  
30 missions, and the site of the 199 X-15 missions; and

31 WHEREAS, Edwards Air Force Base, known for its notable  
32 aeronautical achievements, was the location of many first flights  
33 of American aircraft, shuttles, and jets flown from Rogers Dry  
34 Lake in the Mojave Desert of Kern County. America's first jet,  
35 XP-59A, was first flown in California. General Charles "Chuck"  
36 Yeager made world history in California on October 14, 1947,  
37 when he became the first man to fly Mach 1, faster than the speed  
38 of sound, while piloting the Bell X-1 rocket plane. The rocket  
39 powered X-15, flown by former State Senator William J. "Pete"  
40 Knight, attained a speed of Mach 6.7 (4,520 miles per hour), a

1 speed that remains, to this day, the highest ever attained in an  
2 airplane. The Rutan Model 76 Voyager was the first aircraft to fly  
3 around the world without stopping or refueling; and

4 WHEREAS, California has led the nation in firsts in human  
5 space exploration, including the manufacture of the Apollo 11  
6 command module that carried the first humans to the surface of  
7 our moon; the manufacture and landing of the Space Shuttle  
8 orbiters, the first reusable space vehicles, which include the  
9 Endeavour, on display at the California Science Center; and the  
10 manufacture and recovery of the SpaceX Dragon capsule and  
11 Falcon launch vehicle, the first privately funded space exploration  
12 system; and

13 WHEREAS, California has led the nation in firsts in robotic  
14 space exploration, including the Explorer 1 Earth observation  
15 satellite as America’s first successful spacecraft, the Mariner 2 as  
16 the first spacecraft to explore another planet, the Viking landers  
17 as the first spacecrafts to perform experiments on another planet,  
18 and the development of the Pioneer 10 spacecraft as the first to  
19 exit our solar system; and

20 WHEREAS, Californians, through NASA and JPL, build,  
21 manage, and operate the majority of the spacecraft exploring our  
22 solar system, including the most recent Mars Science Laboratory  
23 “Curiosity,” and those spacecraft exploring other solar systems,  
24 like the Kepler exoplanet discovery mission, as well as the SOFIA,  
25 the Stratospheric Observatory for Infrared Astronomy, that  
26 administers the Airborne Astronomy Ambassadors program for  
27 educators who have inspired the dreams of California youth; and

28 WHEREAS, California aerospace industries assemble the  
29 legendary Boeing C-17 Globemaster III, build the impressive  
30 Northrop Grumman Global Hawk Unmanned Aircraft Systems,  
31 engineer radical new aircraft at the famous Lockheed Martin  
32 “Skunk Works” Advanced Development Programs facility, and  
33 create systems that assist and protect members of the United States  
34 Armed Forces through military communications, situational  
35 awareness, satellite-guided ordnance, and technologies yet to be  
36 dreamed of; and

37 WHEREAS, California will continue to lead in aerospace  
38 education, through its superb Science, Technology, Engineering  
39 and Mathematics (STEM) education programs and at its  
40 world-class research universities, and thus will continue to lead

1 the world with the innovation that enabled advanced meteorological  
2 forecasting, the Global Positioning System, NextGen tools for air  
3 traffic management, green aviation, sophisticated wind tunnels  
4 and test facilities, and advanced supercomputing and robotics; and  
5 WHEREAS, The American Institute of Aeronautics and  
6 Astronautics (AIAA), in conjunction with NASA, is sponsoring a  
7 month of events to highlight the contributions of the aerospace  
8 community to California, including panel discussions, educational  
9 displays, tours, and the “AIAA Policy Symposium: Civilian  
10 Applications of Unmanned Aerial Vehicles (UAVs) - A California  
11 Perspective,” during March 2014; now, therefore, be it  
12 *Resolved by the Senate of the State of California, the Assembly*  
13 *thereof concurring,* That the California Legislature recognizes the  
14 contributions of the aerospace industry to the history, economy,  
15 security, and educational system of California, its communities,  
16 and its citizens by proclaiming the week of March 24, 2014,  
17 through March 28, 2014, as California Aerospace Week; and be  
18 it further  
19 *Resolved,* That the Secretary of the Senate transmit copies of  
20 this resolution to the author for appropriate distribution.