

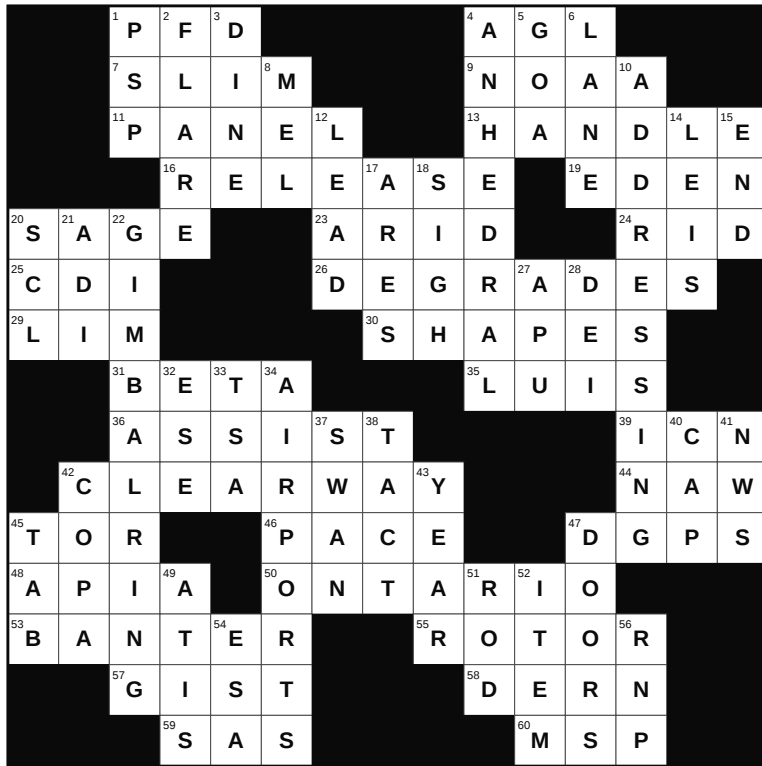


THE DAILY BRIEFING

CROSSWORD · SUDOKU · TRIVIA · ANSWER KEY

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THEECAMS.COM

CROSSWORD



ACROSS

1. Primary flight display
4. Above ground level, briefly
7. Having little width
9. U.S. oceanic and atmospheric agency, briefly
11. Cockpit surface holding instruments and controls
13. Grip used to operate an aircraft control
16. Let go, as a parking brake
19. Beautiful garden where Adam and Eve were placed
20. A mentor in spiritual and philosophical topics who is renowned for profound wisdom
23. Very dry, as some destination climates
24. Relieve from
25. Course deviation indicator, briefly
26. Reduces in worth
29. Three-letter code for Lima Jorge Chavez International Airport
30. Any spatial attributes (especially as defined by outline)
31. The 2nd letter of the Greek alphabet
35. Actor Guzman's first name
36. Help another crew member provides
39. Three-letter code for Seoul Incheon International Airport
42. Area beyond runway for aircraft operations
44. Casual no
45. Tornado, briefly, in weather shorthand
46. The rate of moving (especially walking or running)
47. Differential GPS, briefly
48. The capital of Western Samoa
50. A prosperous and industrialized province in central Canada
53. Light teasing repartee
55. Blade assembly on a helicopter's main or tail
57. Central meaning of a speech
58. Actress Laura
59. ICAO designator for Scandinavian Airlines System
60. Minnesota hub's airport code

DOWN

1. PlayStation Portable, briefly
2. Raise the nose just before touchdown
3. Eat during a lounge visit or flight
4. Downward angle of a wing from root to tip
5. Indian city with international air service
6. Narrow route through controlled airspace
8. Three-letter code for Melbourne Airport
10. The first A in ACARS
12. First aircraft in a formation
14. Garlands associated with arrivals in Hawaii
15. Departure or arrival point of a route
17. Constellation-program rocket family
18. Audible exhale
20. Three-letter code for Santiago International Airport
21. Attitude director indicator, briefly
22. Support that lets a gyroscope remain level as its base tilts
27. Auxiliary power unit
28. Opus ____
32. East-southeast, on a compass
33. U.S. airport screening agency, briefly
34. Places where planes take off and land
37. Bird with long neck
38. Quality useful in a calm radio exchange
40. Protective cover on a fuel or oil opening
41. U.S. National Weather Service, briefly
42. Panama's flag carrier
43. Period of 365 days
45. Control surface
47. Entryways on an aircraft
49. Pre-recorded terminal weather and runway advisory, briefly
51. Long thin implement
52. Distinct part on a list
54. Ariane launch organization, briefly
56. Navigation performance standard for aircraft

SUDOKU

8	6	2	9	7	3	5	4	1
3	9	7	1	5	4	2	8	6
4	1	5	6	2	8	7	3	9
7	4	9	8	1	5	6	2	3
5	8	1	3	6	2	9	7	4
2	3	6	4	9	7	1	5	8
6	7	3	5	4	9	8	1	2
9	5	4	2	8	1	3	6	7
1	2	8	7	3	6	4	9	5

THIS DAY IN AVIATION

1940

First Flight of the B-25 Mitchell

On 19 August 1940, the first North American Aviation B-25 twin-engine medium bomber, serial number 40-2165, took to the skies at Mines Field. Test pilot Vance Breese commanded the aircraft, with engineer Roy Ferren in the co-pilot's seat. This inaugural flight marked the debut of the NA-62 design, which was ordered into production without a prototype after earlier concepts were rejected by the U.S. Air Corps.

Named for Brigadier General Billy Mitchell, the B-25 featured a distinctive "gull wing" design to counteract Dutch roll tendencies. Powered by two Wright Cyclone radial engines, the bomber could reach 322 mph at 15,000 feet. North American Aviation built 9,984 variants across California and Kansas. The original prototype, 40-2165, served as a company transport until a forced landing at Mines Field in 1945 ended its career.

TRIVIA

1. Which feature was added to the B-25's wing design after testing revealed a tendency to "Dutch roll"?

- A. A constant dihedral wing
- B. A "cranked" wing with slight dihedral on outer panels
- C. A 4 degrees 38' 23" dihedral on the center section only
- D. A negative twist of 2 degrees 29' 37" on the entire wing

2. Which crossword answer matches this clue: Ariane launch organization, briefly?

- A. ESA
- B. TAB
- C. ATIS
- D. CDI

3. Which crossword answer matches this clue: Three-letter code for Melbourne Airport?

- A. AGL
- B. TAB
- C. MEL
- D. ICN