

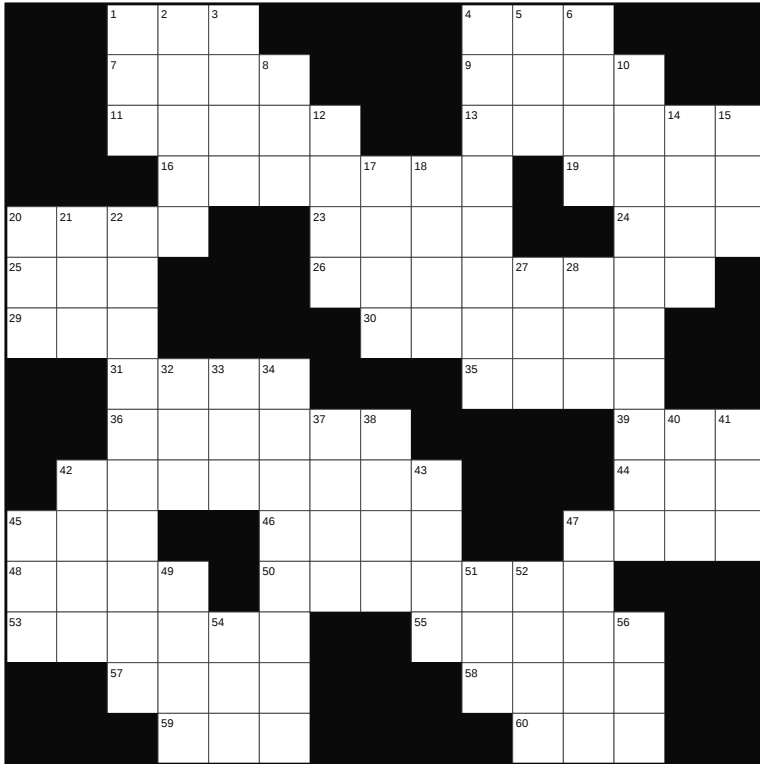


THE DAILY BRIEFING

CROSSWORD · SUDOKU · TRIVIA

AUGUST 18, 2026
THEECAMS.COM

CROSSWORD



ACROSS

- European Space Agency, briefly
- Three-letter code for Detroit Metropolitan Airport
- Model and host Banks
- Maker of a single-engine carbon-fibre turboprop
- Acute but unspecific feeling of anxiety
- Vegetable oil made from rapeseed
- O'Hare and Midway are located here.
- Folland jet trainer flown by the Red Arrows
- A ticket allowing travel on a plane.
- Desert-like
- Explosive prohibited from passenger baggage
- Emergency beacon
- Passenger chosen for additional screening
- Navigation-plan abbreviation for route
- Force per unit area in an aircraft structure
- The opposite of east.
- Where a pilot sits
- Help another crew member provides
- Aviation abbreviation for standard atmosphere
- Approved to proceed, as a film project
- Webbing used to restrain air cargo
- Navigation device, for example
- Hindu god of love and erotic desire
- Colloidal extract of algae used as a gelling agent
- President, informally
- Continuing forever or indefinitely
- Schedule of crew assignments
- Weather report from a pilot
- Fill to satisfaction
- Actress Hatcher
- Colour of the left wingtip navigation light
- Air traffic control, briefly

DOWN

- Estimated time of arrival, briefly
- Make synchronous and adjust in time or manner
- Cry of frustration
- Avionics components that interpret received signals
- Three-letter code for Tampa International Airport
- Airplane's lifting surface
- Pilot's airspeed gauge, briefly
- To make the subject of dispute, contention, or litigation
- System that can issue a 'Climb, climb' resolution advisory
- Narrow route through controlled airspace
- Telecom giant, punctuation-free
- Cancelled NASA rocket family named for the Greek god of war
- A coating of gold or of something that looks like gold
- Three-letter code for Perth Airport
- Altitude, briefly, on a flight display
- A woman steward on an airplane
- Letter after bee, spelled out
- American airport-security agency, briefly
- East-southeast, on a compass
- Heading halfway between southeast and south, briefly
- Do random, unplanned work or activities or spend time idly
- Leading-edge lift device
- Figure shown in UTC on a flight plan
- Three-letter code for Seattle-Tacoma International Airport
- European maker of regional turboprops
- Ending of the aircraft name autogiro
- Cover placed over a parked aircraft
- The month following March and preceding May
- Warning signal
- Standard terminal arrival, briefly
- Unit of screen brightness
- Controlled region on an ATC display
- Planned takeoff-to-landing duration, briefly
- Pilot in command, briefly

SUDOKU

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

THIS DAY IN AVIATION

1871

18 August 1871: Penaud's Planophore Demonstrates Inherent Stability

On 18 August 1871, Charles-Alphonse Penaud demonstrated the first inherently stable airplane at the Jardin des Tuileries in Paris. His model, the Planophore, flew 131 feet in 11 seconds before the Societe de Navigation Aerienne. This rubber-band-powered aircraft weighed just 0.56 ounces and featured a pusher propeller. Penaud's design achieved automatic equilibrium through dihedral wings and a horizontal stabilizer, allowing the model to self-correct its flight path without pilot intervention.

The Planophore's stability relied on the interplay between its forward center of gravity and rear rudder. As the model descended, increased speed raised the nose; if it climbed too high, reduced speed allowed gravity to pull it down. This created a sparrow-like ascent and descent pattern. Penaud's twisted rubber band power source and stability features became standard in model aircraft design. Though he later designed a full-size plane, he died by suicide in 1880 at age thirty.

TRIVIA

1. What mechanism provided the Planophore with its automatic equilibrium during flight?

- A weighted tail that counterbalanced the propeller...
- The alternate action of the forward weight and rear rudder
- A mechanical gyroscope mounted in the fuselage
- Variable pitch blades on the two-bladed propeller

2. Which crossword answer matches this clue: Narrow route through controlled airspace?

- TIME
- STAR
- LANE
- PER

3. Which crossword answer matches this clue: Explosive prohibited from passenger baggage?

- ATC
- DECODERS
- ETE
- TNT