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Crossword Air flow

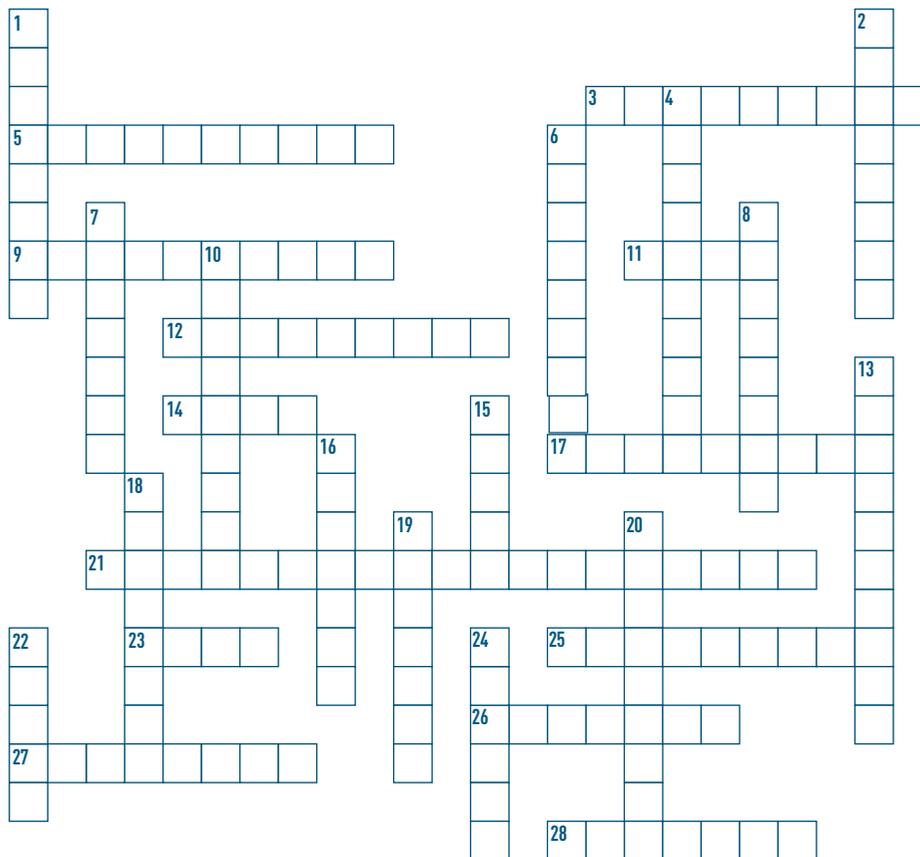
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DEFINITIONS ARE MAINLY FROM SKYBRARY, POOLEY'S AIR PILOT'S MANUAL, AND WIKIPEDIA.



ACROSS

- 3 - narrow current of strong winds high above the earth (2w)
- 5 - caused, affected, or influenced by mountains
- 9 - prevailing easterly winds that circle the Earth near the equator (2w)
- 11 - a variation in wind speed of at least 10 knots
- 12 - sudden, drastic shift in wind speed and/or direction
- 14 - what winds do
- 17 - expressed in degrees measured clockwise from north
- 21 - difference between the heading of an airplane and the desired course (3w)
- 23 - flow of air over the earth's surface
- 25 - wind that blows from the cool water to the warmer land (2w)
- 26 - current of rising air, often within a cloud
- 27 - blows against the direction of travel
- 28 - intense, localized downdraft which spreads out in all directions when it reaches the surface

DOWN

- 1 - direction and strength
- 2 - wind travelling up a hill or a mountain
- 4 - can be thermal or mechanical
- 6 - it has a perpendicular component to the direction of travel
- 7 - changing in an anticlockwise direction
- 8 - expressed in knots
- 10 - swirling wind such as in tornadoes or waterspouts
- 13 - wind that blows from the cooler land to the warmer water (2w)
- 15 - high up
- 16 - this level of turbulence may cause structural damage to the aircraft
- 18 - blows in the direction of travel
- 19 - changing in a clockwise direction
- 20 - wind that flows down cool slopes at night
- 22 - dry, warm, down-slope wind
- 24 - sharp increase in wind speed lasting longer than 11A