

Aviation_15x15_2008-10-07

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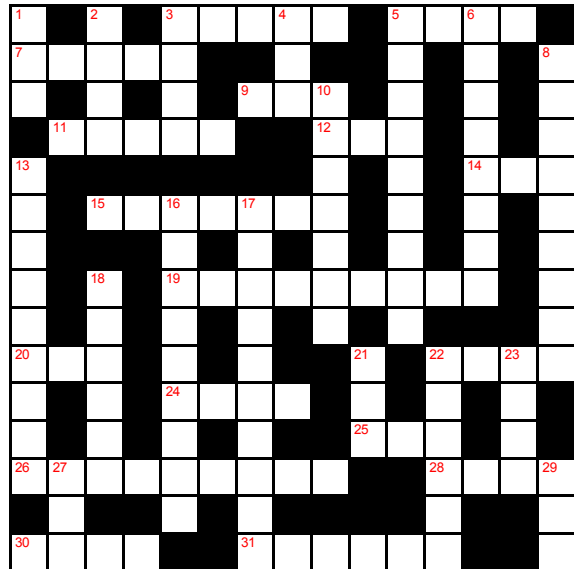
Across

- 3 The surface to air missile test fired by India in August, 1998 (5)
- 5 LORAN stands for ____ Range Aid to Navigation (4)
- 7 Sudden loss of lift when the angle of attack increases to a point where the flow of air breaks away from a wing or airfoil, causing it to drop (5)
- 9 An erratic deflection from an intended course (3)
- 11 Electronic system, used to locate objects beyond the range of vision (5)
- 12 A radar-based system allowing an aircraft to find a runway and land when clouds may be as low as 200 feet (3)
- 14 Average height of the surface of the sea for all stages of tide; used as a reference for elevations (3)
- 15 The height above the earth's surface of the lowest layer of clouds (7)
- 19 ____ Ring: A circular duct on a radial engine into which exhaust gases from its cylinders are discharged (9)
- 20 A ground-radar-based instrument approach providing both horizontal and vertical guidance (3)
- 22 The control wheel of an aircraft, akin to a automobile steering wheel (4)
- 24 Alphabet E used in aviation voice radio communications stands for ____ (4)

- 25 The fixed part of a vertical airfoil that controls the yaw of an aircraft (3)
- 26 A device used for retarding the fall of a body or object through the air (9)
- 28 A light frame covered with tissue paper; flown in wind at end of a string (4)
- 30 The men who man a ship or aircraft (4)
- 31 A twisting, gyroscopic force acting in opposition to an axis of rotation, such as with a turning propeller (6)

Down

- 1 Abbreviation for Distance of the aircraft above mean sea level (3)
- 2 Alphabet P used in aviation voice radio communications stands for ____ (4)



- 3 Alphabet A used in aviation voice radio communications stands for ____ (4)
- 4 MSL stand for Mean ____ level (3)
- 5 The theoretical rate of decrease of temperature with increasing height in the atmosphere (5,4)
- 6 Alphabet N used in aviation voice radio communications stands for ____ (8)
- 8 An unpowered, soaring aircraft capable of maintaining level flight for long periods as opposed to a glider (9)
- 10 A short, almost vertical stabilizing fin projecting from the tip of an aircraft wing (7)
- 13 An aircraft having a jet engine in which the energy of the jet operates a turbine that drives the propeller (9)
- 16 Angle of ____ : The angle at which an airfoil is normally fixed in relation to the longitudinal axis of an aircraft (9)
- 17 The jet thrust obtained with the engine power control level set at the stop for the least thrust position at which it can be placed (4,6)
- 18 Overwhelming feeling of fear and anxiety amongst flyers due to hijackings and explosions (6)
- 21 Airforce of Great Britain (3)
- 22 Alphabet Y used in aviation voice radio communications stands for ____ (6)
- 23 One nautical mile per hour (4)
- 27 The medium filling the atmosphere (3)
- 29 A cgs unit of work or energy (3)