

GLOSSARY: R

This webpage found at:
<http://pa4h.cas.psu.edu/Curricula/AerospaceSupp/Activities/Glossary.htm>

R

radar⁶ - equipment used to detect distant objects

radiation - energy emitted from a source, such as a star

radio antenna - allows pilot to keep in radio contact with ground control

ramp - an area at the airport where aircraft are parked to be serviced or to load/unload passengers and cargo

receiver - black box in the model aircraft that receives signals from the transmitter, decodes signal, then operates proper servo

recovery system - device incorporated into a rocket for the purpose of returning it to the ground safely by creating drag or lift to oppose force of gravity

recovery wadding - flame retardant, biodegradable paper that prevents the hot ejection charge gases from damaging the parachute or streamer recovery system in a model rocket

remote sensing - process in which satellite or airborne sensors detect various types of radiation emitted by or reflected from objects on Earth

rocket stages - two or more rockets stacked on top of each other in order to go up higher in the air, or to carry more weight

roll - side-to-side movement along the longitudinal axis of an object

rudder - moving parts on the vertical stabilizer that turn (yaw) the aircraft left or right

rudder pedals - controls on the floor used by the pilot's feet to control the moving parts of the vertical stabilizer that turn (yaw) the aircraft left or right

runway - a long, straight road for aircraft to take off and land on

runway numbers - numbers that are designated by the magnetic number the runway faces on the compass rose. For example, Runway 35/17 would have the airplane heading 170° South or 350° North

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There are no plans for future updates.