

GLOSSARY: T

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

T

tail - the rear part of the airplane

tail rotor - the hub and blade assembly that produces the force to oppose the torque produced by the main rotor

tailwheel aircraft - aircraft with two main landing wheels and one on the tail. Sometimes called "tail dragger".

takeoff - the beginning of the flight, when the airplane gains speed and leaves the ground

task saturation - when a person is asked to do many tasks at the same time. Individually the tasks are not difficult. Together they are difficult.

taxi - to move an aircraft on the ground

taxiway - the roads used by aircraft when moving on the ground

telemetry - data from spacecraft indicating the status of various functions within the spacecraft

temperature - the degree of hot and cold

terminal - a building on the airport where aircraft arrive and depart, people board, buy tickets and have luggage handled

terminal building - a building where pilots and passengers buy tickets, board and depart from airplanes and relax between flights. A place of business.

thermal - a rising body of warm air

thermistor - an instrument that measures temperature inside the balloon

throat (mouth)⁵ - in a hot-air balloon, the opening that the burner flame passes through to heat the air in the envelope

throttle - controls engine speed

thrust - See four forces of flight

ticket agent - a person who sells and takes tickets and confirms who is on board

tie-down area - a parking lot where airplanes are tied down so they don't blow around in the wind

topography - the physical features of a region

torque - a turning or twisting force

tow point² - where flying lines are attached. Its position helps control the angle of attack.

tracking - observing and measuring the flight path of an object

traffic pattern - a standard rectangular flight pattern around the landing runway at an airport

trajectory - path of a moving particle or body

transmission - device between the engine and rotor that transmits power

transmitter - pilot operated, hand-held radio that encodes and broadcasts electrical signal pulses that links the aircraft receiver with ground communication

tri-cycle gear airplane - aircraft with three landing wheels, two main and one on the aircraft nose

turn coordinator (turn and slip indicator)¹ - shows aircraft's turn rate and direction

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