

GLOSSARY: H, I, J & K

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

H

hang glider - a glider where the pilot hangs underneath the wing

hangar - a large building at the airport where planes are stored or repaired

heading indicator¹⁴ - shows aircraft's direction as measured by a remote compass

headset - headphones that fit over the pilot's ears to help him or her hear better

helicopter - an aircraft that flies by using a rotating wing

"hold present position" - a predetermined maneuver which keeps the aircraft within a specified air space while awaiting further instructions from the air traffic controller

"hold short" - used during ground operations to keep an aircraft within a specified area while awaiting further instructions from the air traffic controller

horizontal/vertical stabilizer - airfoils located on the tail of an aircraft that help maintain a straight path through the air

Hubble space telescope - the largest astronomical observatory ever to be placed in orbit, able to make high-quality interplanetary and interstellar observations

I

IFR (Instrument Flight Rules) pilots - can fly by instruments during poor visibility conditions or by visual flight rules. An IFR pilot still has requirements and minimums such as being required to file a flight plan, receive air traffic control clearance and follow IFR cruising altitude or flight levels. Communication and information are key to an IFR pilot's safety.

instrument rating regulations - An instrument rating allows you to fly when visibility is poor and you are flying in the clouds. You must have a minimum of 125 hours pilot experience, at least 40 hours instrument instruction and pass a written examination and a FAA checkride.

interlock key - safety key to assure proper procedures are followed before a launch

ionization - build-up of ions around an orbiter during re-entry

J

jet aircraft - an aircraft that travels very fast and is powered by a jet engine

jet deflector - shield for safety purposes sidetracking the high velocity, hot jet stream that rushes from a rocket's nozzle

jet engine - an engine that turns air and fuel into a hot gas that shoots out the back of the engine and pushes the airplane through the air

K

keel of kite² - provides stability. Also provides a fixed tow point.

kitchen/food service - beverages and other snacks provided to passengers

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There are no plans for future updates.