

# Maintenance Mechanics Training Sample Questions

The term "flight simulator" may carry slightly different meaning in general language and technical documents. In past regulations, it referred...

Medical equipment management

*technology management, healthcare technology management, biomedical maintenance, biomedical equipment management, and biomedical engineering) is a term*

Medical equipment management (sometimes referred to as clinical engineering, clinical engineering management, clinical technology management, healthcare technology management, biomedical maintenance, biomedical equipment management, and biomedical engineering) is a term for the professionals who manage operations, analyze and improve utilization and safety, and support servicing healthcare technology. These healthcare technology managers are, much like other healthcare professionals referred to by various specialty or organizational hierarchy names.

geomatics engineering

geophysics;

Rebreather diving

*completing initial training and maintenance of this competence by sufficient appropriate diving activity, or by refresher training and work-up dives following*

Rebreather diving is underwater diving using diving rebreathers, a class of underwater breathing apparatus which recirculates the breathing gas exhaled by the diver after replacing the oxygen used and removing the carbon dioxide metabolic product. Rebreather diving is practiced by recreational, military and scientific divers in applications where it has advantages over open circuit scuba, and surface supply of breathing gas is impracticable. The main advantages of rebreather diving are extended gas endurance, low noise levels, and lack of bubbles.

Mechanical aptitude

*these tests are relevant to are: Automotive and aircraft mechanics Engineers Installation/maintenance/repairpersons Industrial/technical (non-retail) sales*

According to Paul Muchinsky in his textbook Psychology Applied to Work, "mechanical aptitude tests require a person to recognize which mechanical principle is suggested by a test item." The underlying concepts measured by these items include sounds and heat conduction, velocity, gravity, and force.

construction-materials engineering and testing; and

environmental science and environmental engineering;

Some of the titles of healthcare technology management professionals are biomed, biomedical equipment technician, biomedical engineering technician, biomedical engineer, BMET, biomedical equipment management, biomedical equipment services, imaging...

Flight simulator

*Fernandes; Ana Maia; et al. (2012). "Development of a Mechanical Maintenance Training Simulator in OpenSimulator for F-16 Aircraft Engines". Procedia Computer*

A flight simulator is a device that artificially re-creates aircraft flight and the environment in which it flies, for pilot training, design, or other purposes. It includes replicating the equations that govern how aircraft fly, how they react to applications of flight controls, the effects of other aircraft systems, and how the aircraft reacts to external factors such as air density, turbulence, wind shear, cloud, precipitation, etc. Flight simulation is used for a variety of reasons, including flight training (mainly of pilots), the design and development of the aircraft itself, and research into aircraft characteristics and control handling qualities.

The subsequent investigation by the National Transportation Safety Board (NTSB...

Kirtland AFB is the largest installation in Air Force Global Strike Command and sixth largest in the United States Air Force. The base occupies 51,558 acres and employs over 23,000 people, including more than 4,200 active duty and 1,000 Guard, plus 3,200 part-time Reserve personnel. In 2000, Kirtland AFB's economic impact on the City of Albuquerque was over \$2.7 billion.

The reliability function is theoretically defined as the probability of success. In practice, it is calculated using different techniques, and its value ranges between 0 and 1, where 0 indicates no probability of success while 1 indicates definite success. This probability is estimated...

Reliability engineering

*measurement) Statistical analysis Manufacturing Quality control Maintenance Maintenance manuals Training Classifying and ordering of information Feedback of field*

Reliability engineering is a sub-discipline of systems engineering that emphasizes the ability of equipment to function without failure. Reliability is defined as the probability that a product, system, or service will perform its intended function adequately for a specified period of time; or will operate in a defined environment without failure. Reliability is closely related to availability, which is typically described as the ability of a component or system to function at a specified moment or interval of time.

Kirtland is the home of the Air...

geological engineering;

Universidad de Oriente (Venezuela)

*Physics, Management, Geology, Hospitality, IT, English, Mathematics, Maintenance, Mechanics, Medicine, Mines, Animal Production, Petroleum, Chemistry, Human*

The University of Oriente (UDO), founded in 1958, is one of the main national universities in Venezuela and the main autonomous university institution dedicated to teaching, research and development in Eastern Venezuela. With the commitment to train university professionals for the industries where the world's largest accumulation of heavy and extra-heavy oil, gas, coltan, uranium, coal, gold, diamonds, bauxite and underlying rare earths are found in the Guiana Shield or, the oldest geological formation on earth. With one of the largest hydroelectric generation systems in the world. To the north with the Caribbean Sea, to the south with the Amazon Rainforest (greatest biodiversity in the world) and the Guiana Shield (also among the regions with the greatest biodiversity in the world).

A number of tests of mechanical comprehension and mechanical aptitude have been developed and are predictive of performance in manufacturing/production and technical type jobs, for instance.

Air Force Common Admission Test

*attempt maximum questions in the absence of negative marking. – Suggested to avoid extra time in case of doubtful and confusing questions. (ii) Discussion*

The Air Force Common Admission Test is conducted by the Air Force Selection Board for the recruitment of ground and flying staff of the Indian Air Force (IAF). The Air Force Selection Board is the recruitment wing of the Indian Air Force.

geophysical engineering;

Kirtland Air Force Base

*acquired 1,100 acres of land to develop a school for aircraft mechanics. An Air Depot Training Station, it was unofficially referred to as "Sandia Base";.*

Kirtland Air Force Base (IATA: ABQ, ICAO: KABQ) is a United States Air Force base. It is located in the southeast quadrant of the Albuquerque, New Mexico, urban area, adjacent to the Albuquerque International Sunport. The base was named for the early Army aviator Col. Roy C. Kirtland. The military and the international airport share the same runways, making ABQ a joint civil-military airport.

Rebreathers are generally used for scuba applications, but are also occasionally used for bailout systems for surface-supplied diving. Gas reclaim systems used for deep heliox diving use similar technology to rebreathers, as do saturation diving life...

geology and engineering geology;

Each discipline involves specialties, many of which are recognized through professional designations that governments and societies or associations confer based upon...

Geoprofessions

*geologic engineering, also involves the specialties of rock mechanics and soil mechanics, and often requires knowledge of geotextiles and geosynthetics*

"Geoprofessions" is a term coined by the Geoprofessional Business Association to connote various technical disciplines that involve engineering, earth and environmental services applied to below-ground ("subsurface"), ground-surface, and ground-surface-connected conditions, structures, or formations. The principal disciplines include, as major categories:

Sustainable...

Alaska Airlines Flight 261

*reliability and maintenance programs of Alaska Airlines was that a data-analysis package based on the maintenance history of five sample aircraft was submitted*

Alaska Airlines Flight 261 was a scheduled international passenger flight from Licenciado Gustavo Díaz Ordaz International Airport in Puerto Vallarta, Jalisco, Mexico, to Seattle–Tacoma International Airport in Seattle, Washington, United States, with an intermediate stop at San Francisco International Airport in San Francisco, California. On January 31, 2000, the McDonnell Douglas MD-83 operating the flight crashed into the Pacific Ocean roughly 2.7 miles (4.3 km; 2.3 nmi) north of Anacapa Island, California, following a catastrophic loss of pitch control, while attempting to divert to Los Angeles International Airport. The accident killed all 88 on board – two pilots, three cabin crew members, and 83 passengers.

other geoprofessional services.

geotechnical engineering;

[https://www.api.motion.ac.in/zinjurux/S41438B/urasng/S81701B525/1986-suzuki-dr200\\_repair\\_manual.pdf](https://www.api.motion.ac.in/zinjurux/S41438B/urasng/S81701B525/1986-suzuki-dr200_repair_manual.pdf)  
[https://www.api.motion.ac.in/hhuads/7588Y4C/vfeallq/2656Y2C287/fundamental\\_accounting-principles-20th\\_edition.pdf](https://www.api.motion.ac.in/hhuads/7588Y4C/vfeallq/2656Y2C287/fundamental_accounting-principles-20th_edition.pdf)  
<https://www.api.motion.ac.in/uinjurud/7Q25C24/mclassufyr/6Q50C66559/manual-percussion.pdf>  
[https://www.api.motion.ac.in/fhuadq/7800P2G/limaginik/5061P3510G/vector\\_analysis-student-solutions\\_\\_manual.pdf](https://www.api.motion.ac.in/fhuadq/7800P2G/limaginik/5061P3510G/vector_analysis-student-solutions__manual.pdf)  
[https://www.api.motion.ac.in/zpuckf/68261NT/dixtindw/66516879TN/clinical\\_chemistry\\_in\\_\\_diagnosis-and-treatment.pdf](https://www.api.motion.ac.in/zpuckf/68261NT/dixtindw/66516879TN/clinical_chemistry_in__diagnosis-and-treatment.pdf)  
[https://www.api.motion.ac.in/ipruparup/F12221G/rintitlix/F24318G671/neuroanatomy\\_an\\_\\_illustrated\\_\\_colour\\_\\_text\\_3rd\\_\\_edition.pdf](https://www.api.motion.ac.in/ipruparup/F12221G/rintitlix/F24318G671/neuroanatomy_an__illustrated__colour__text_3rd__edition.pdf)  
[https://www.api.motion.ac.in/cpucky/N40993Z/nstraenz/N58301508Z/cell-respiration\\_webquest-teachers-guide.pdf](https://www.api.motion.ac.in/cpucky/N40993Z/nstraenz/N58301508Z/cell-respiration_webquest-teachers-guide.pdf)  
[https://www.api.motion.ac.in/asognds/55Z669O/lordirz/15Z3815O47/jd\\_\\_315\\_se\\_operators\\_manual.pdf](https://www.api.motion.ac.in/asognds/55Z669O/lordirz/15Z3815O47/jd__315_se_operators_manual.pdf)  
[https://www.api.motion.ac.in/xunituu/K41584H/nimaginif/K85211573H/smacna\\_\\_hvac\\_air\\_\\_duct\\_\\_leakage\\_\\_test-manual.pdf](https://www.api.motion.ac.in/xunituu/K41584H/nimaginif/K85211573H/smacna__hvac_air__duct__leakage__test-manual.pdf)  
[https://www.api.motion.ac.in/igutf/4012H7I/uintitlio/5136H6999I/state-regulation-and\\_\\_the\\_\\_politics\\_of\\_\\_public\\_\\_service\\_\\_the-case-of\\_\\_the\\_\\_water\\_industry\\_routledge-studies-in\\_employment.pdf](https://www.api.motion.ac.in/igutf/4012H7I/uintitlio/5136H6999I/state-regulation-and__the__politics_of__public__service__the-case-of__the__water_industry_routledge-studies-in_employment.pdf)