

RESTRICTED

ABSTRACT

The ground operation work is one of the main contributing factor to improve the safety in aviation. The Sri Lanka Air Force provides series of training to Aircraft Maintenance Technicians in order to avoid failures, to reduce maintenance related accidents and to prevent injuries. However, number of damages to aircraft, injuries to technicians and aircraft related ground safety issues were continuously reported during past years in the Sri Lanka Air Force. Therefore, this research is conducted to determine the actual problems which caused these events and to determine the relationship between the education and training in order to ensure the safety culture in the SLAF. The primary objective of this research is to identify the contribution of the training and education provided to Sri Lanka Air Force aircraft technicians in order to ensure the safety culture in the organisation. The research followed quantitative methodology with the Simple Random Sampling with the sampling size of 125 aircraft technicians comprised of all the aircraft trades in the SLAF. During this research, the primary data collected through the questionnaire given to aircraft technicians while secondary data collected through the documentations, reports and syllabuses available in the SLAF. As per the findings of this research, it is concluded that training in SLAF is the most contributing factor, which affect to safety culture in the organisation. Therefore, the SLAF required to pay maximum attention to provide training to aircraft technicians within the organisation in order to ensure the safety culture in the organisation.

Key Words: Education, Training, Ground Safety, Safety Culture, Sri Lanka Air Force, Working Environment, Safety Practices, awareness, SLAF, Knowledge, Attitude.