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ABSTRACT

Safety should be considered as one of the core values of every organization including military. Highly sensitive and perilous weapons and explosives that the servicemen are dealing with their day to day life have made it further complex in the aspect of safety. It is no doubt that aviation field is an area where safety culture is extensively discussed about and the fragile nature of an aircraft that are flying or parked at ground has greater risk from various type of adversaries. Hence force protection is an indispensable tool for any air assets. In military mine fields are one way which is using for force protection in selected particular area. However during the recent past there were number of accidents in relation to the handling of minefields in SLAF where number of servicemen have become victims. This research paper reviews the contributory human factors that affects to these accidents/incidents in the EOD field of SLAF where significant safety management issues are discussed. Safety management needs at its best in dealing with explosive related fields. When it comes to the safety management the human factors undeniably contribute in a colossal way. Further this research study focuses on evaluating the present safety management procedure in the SLAF EOD field and derive solutions to the human factors that identified through a qualitative study. A sample of 238 servicemen have been selected from 621 EOD operators as a primary data of this research.

Key Words: Explosive Ordinance Disposal, Safety Management, Human Factors.