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### ABSTRACT

It was decade's back that UAV Systems were becoming a tool of defence, which has presently gained the foremost place in defence systems. In this era of mans endeavour for superiority, automated UAV Systems have brought about the competitive advantage to a greater extend than ever before. The Sri Lankan military has fought a long drawn separatist war for more than 20 years, depleting its scares financial and other resources. The nation is yet to witness significant progress in the drive against its enemy, the LTTE.

The Sri Lankan military has been using UAV Systems during Sri Lanka's anti insurgency campaign. But it is obvious that these systems are not mobilized to their optimum potential although these systems are known to be powerful tools in a nation's defence. Background of this study was the writer's own experience regarding numerous drawbacks of UAV operation in the SLAF. A data collection and analysis was carried out to confirm the existence of such problems and to ascertain possible solutions to them. Solutions are presented as suggestions based on the existing resources which are to be expanded and adjusted.

This study analyses the weaknesses of the cooperate plan of the UAV squadron in order to face the impending face of the separatist war which in the writers opinion is the most decisive stage in the history of Sri Lanka.