## UNMANNED COMBAT AERIAL VEHICLE (UAV) APPLICATIONS IN MILITARY LOGISTICS: AN EXPLORATORY STUDY

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## ABSTRACT

There are many Unmanned Combat Aerial Vehicles (UCAVs) in production and use worldwide. Military uses of UCAV technology have primarily contributed to warfighting efforts by providing Intelligence, Surveillance, and Reconnaissance applications via sensor payloads capable of providing multi-purpose imaging, surveying, and mapping products. Less known are the potential UCAV logistics applications. This paper explores the feasibility of armed and unarmed military drone cargo delivery options from a technical and operational standpoint. Particular emphasis is placed on the time-sensitive delivery of critical supplies, such as medicines, rearmaments, and dangerous goods in difficult delivery situations, inclement weather, and Beyond Line of Sight (BLOS) operations.

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