



**DEPARTMENT OF THE AIR FORCE  
613TH AIR OPERATIONS CENTER  
JOINT BASE PEARL HARBOR-HICKAM, HAWAII**

8 Oct 2024

MEMORANDUM FOR RECORD

FROM: 613 AOC CHIEF OF TECHNOLOGY

SUBJECT: Delivering PACAF Outcomes with Flyby Robotics

1. On behalf of the Innovation Cell, 613 Air Operations Center, PACAF, I am pleased to express my strong support for Flyby Robotics and the development of the F-11 programmable autonomous quadcopter. The F-11 represents a significant advancement in Unmanned Aerial Systems (UAS), addressing electronic warfare (EW) threats and GPS-denied conditions.
2. The F-11 quadcopter fills a crucial capability gap by integrating advanced high-resolution sensors, GPS-denied navigation capabilities, and a high-resolution radio module into an affordable, NDAA-compliant platform. This system is not just technically impressive; it is a strategically essential asset for the warfighter in a DDIL environment. The F-11's ability to counter electronic warfare threats and operate reliably in contested environments provides a distinct tactical advantage that is invaluable for maintaining operational superiority.
3. Moreover, the fulfillment of this proposal will enable the continued development of this fight-tonight solution with Palantir and 613 AOC of the machine learning (ML) models critical to the F-11's performance. These advancements will further enhance the system's autonomy and situational awareness, positioning the F-11 as a force multiplier in modern operations. They are revolutionizing ISR CONOPS in complex, dynamic environments.
4. We firmly believe that Flyby Robotics' F-11 quadcopter will significantly improve the effectiveness of our operations and provide a technological edge that aligns with our modernization goals. Our organization stands ready to support the development and deployment of this capability, and I strongly advocate for the continued investment in this vital initiative.
5. I appreciate your leadership and dedication to advancing defense technologies that directly benefit the warfighter. Supporting the F-11's development will ensure that we remain agile, resilient, and ready to meet the demands of modern warfare.

PAUL A. GARCIA, Lt Col, HIANG

Chief of Technology and Innovation

*Right Effects ... Right Time!*