OSD Maintenance Challenge

Abstract Form	
Paper Title:	Innovative Training Solutions
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Abstract: (300-500 words)

Historically, the world's greatest Air Force has successfully MAINTAINED superior airpower by consistently adapting to our adversaries and pursuing innovative, cutting edge solutions. With rapid advances in modern technology, it is vital that today's Airmen remain in stride with these advances so tomorrow's Airmen can fly, fight and win. This summary outlines low-cost, innovative training solutions that can be utilized to invest in our Airmen's future and ultimately the health of our Air Force.

Today, when maintainers PCS from different weapon systems, they are faced with the task of learning new equipment and procedures while continuing to support our daily mission. Conventional methods, such as on-the-job training and regional training courses, are crucial to building confident, proficient Airmen. However, as we modernize our fleets we must modernize our training methods as well. Using the Just-In-Time learning model and current video capturing devices and editing software, our global team aims to achieve virtual "point of view" training videos using a secure cloud platform to share, distribute and consolidate training resources. This project will give our Airmen quality first-person training when they need it, where they need it, at any time.

Air Mobility Command and the Air Force will benefit exponentially by having an on-line library of maintenance training videos. Point of View (POV) cameras such as GoPros, Olfi cams and iSAW Edge devices can actively record training events and then be edited, uploaded and shared, creating an enterprise wide active learning platform that bolsters confidence in training, innovation and critical thinking. Creating vivid and engaging cross-tell will help spread best practices across the enterprise.

The ultimate purpose of these videos is to bridge the gap between qualification and proficiency. Furthermore, this low cost solution, could open doors for additional agencies within the Air Force and DOD by providing a means to share ideas and innovate.