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Date Released: January 20, 2016

Subject: Aftermarket Components and Modifications

Effectivity: All ALTAs

Require Action: None

INTRODUCTION

This Service Bulletin (SB) is being issued to clarify the safety and warranty implications of adding aftermarket components or modifications to ALTA. No action is directly required as a result of this SB.

This SB is being issued all ALTA operators.

BACKGROUND

Recently, Freefly has investigated the accidents of multiple ALTAs with unapproved modifications or components installed. These components were found to either be causal, or contributing factors leading to the accident.

ALTA was designed as a closely integrated system, and total system performance is sensitive to changes in ALTA components. Excluding flight batteries, remote control receivers, gimbals, and FPV cameras and transmitters, any parts or modifications added to ALTA that are not explicitly authorized by Freefly can create safety issues, and will void Freefly's warranty. This includes but is not limited to, propellers, motors, electronic speed controllers (ESCs), power distribution components, flight controllers, telemetry systems, and flight battery connectors.

RECOMMENDATIONS

Except for flight batteries, remote control receivers, gimbals, and FPV cameras and transmitters, do not install components or modify the configuration of the ALTA.

For flight batteries, remote control receivers, gimbals, and FPV cameras and transmitters, always refer to the latest ALTA Aircraft Flight Manual, available at <http://freeflysystems.com/software-manuals>, to determine component requirements or system compatibility.

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