



15540 Woodinville-Redmond Rd NE
Building A, Suite 800
Woodinville, WA 98072

FREEFLYSYSTEMS.COM

Date Released: September 8, 2015
Date Effective: September 8, 2015
Subject: Boom damage in transit
Effectivity: All ALTAs until further notice
Require Action: Add protective band
Time of Compliance: Prior to travel or shipping ALTA

INTRODUCTION

This Service Bulletin (SB) is being issued to advise you of a concern relating to shipping ALTAs in the included Pelican case. Applying and/or following the guidance in this SB is recommended for all ALTA operators.

This SB will be superseded once a permanent solution is made available.

BACKGROUND

Freefly has received reports and conducted testing that indicate ALTA's booms may be damaged due to rough handling events that can occur while shipping or traveling with ALTA. This damage can occur while ALTA is packaged in the included Pelican case. If ALTA is dropped in the case, some of the booms can impact the boom retention clips. This impact can cause damage to the carbon fiber booms.

RECOMMENDATIONS

Freefly recommends installing protective bands to ALTA booms (if not already installed) and performing inspections of the protective bands after traveling with or shipping ALTA.

After installing the rubber straps, the boom retention clips can be used as intended to retain the boom in the closed position. When shipping the ALTA, it is recommended to close all booms and latch them in place with the boom retention clips. Due to the added thickness of the rubber straps, the boom may rub against the retention clip when latching it into the closed position. Be cautious not to use excessive force when closing the boom retention clips.



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METHOD OF COMPLIANCE

Freefly is sending a kit required to complete the modification.

To install the protective bands:

Step 1: Take one band and position it near the boom retention clip. Wrap it around the boom.



Figure 1.1: Band placement



Figure 1.2: Wrapping band around the boom



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Step 2: Loop a zip tie through both ends of the band. Tighten the zip tie to pull the band taught around the boom. The band should wrap completely around the boom.



Figure 2.1: Zip tie through both ends of band

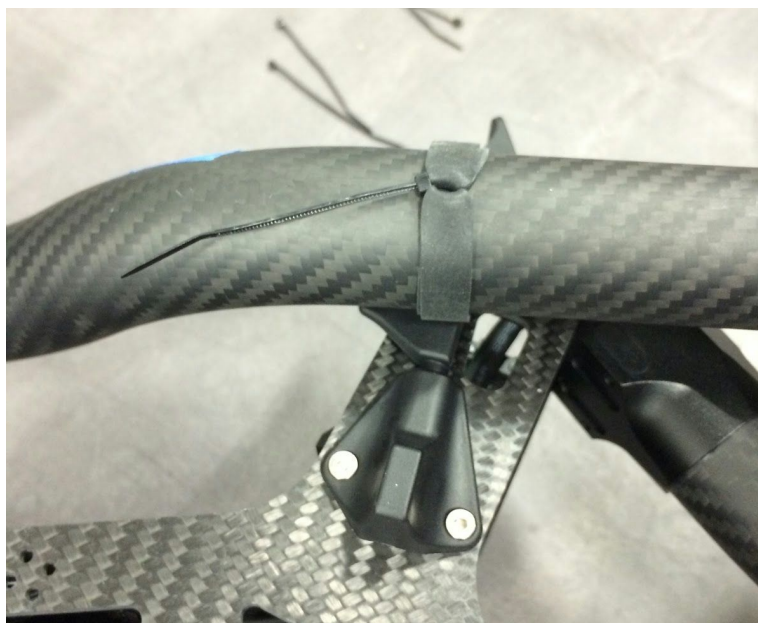


Figure 2.2: Zip tie pulled taught



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Step 3: Ensure the protective band prevents the boom retention clip from contacting the inboard side of the boom.



Figure 3.1: Correct placement of band

Step 4: Repeat this process for all booms.

To inspect the protective bands:

Inspect the bottom of the bands and ensure there are no signs of decay, abrasion or damage. If damage is present, remove the damaged band by cutting the band or zip tie. Install a new undamaged band by following the preceding installation steps.

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