

To: Tim DeBenedictis
E-Mail: timmyd@southernstars.com
From: Doug Young
Date: January 03, 2013

Subject: Request for Info - STA File #0587-EX-ST-2012

Message:

An engineer in our International Bureau has noticed what he believes is a discrepancy in your orbital debris assessment review. He notes that on Page 21 it says, "Summary Analysis Results: DAS v2.0.2 reports that SkyCube is COMPLIANT with the requirement. The steel CO2 cartridge is predicted by NASA DAS software to survive re-entry, but will land with an energy of 5 Joules, too low to cause injury. The probability of human casualty due to uncontrolled reentry is 0.000000," but on Page 24 it has a section that says,

name = Balloon Box
Demise Altitude = 0.000000
Debris Casualty Area = 0.471423
Impact Kinetic Energy = 70.548561.

Please explain.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of January 03, 2013 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.

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Responses to this correspondence must contain the Reference number : 18904