



Deutscher Fallschirmsportverband (DFV) e.V.
Deutscher Aero-Club (DAeC) e.V. Luftsportgerätebüro
Verband unabhängiger Prüfer von Luftsportgerät e.V.

An alle Vereine/Schulen/
Fallschirmtechniker, Fallschirmwarte

SICHERHEITSMITTEILUNG für Gurtzeuge

herausgegeben: 05.06.2011

Nummer: 10/2011

Bezug: **Sicherheitsmitteilung der Firma Strong Enterprises
SB#31 vom 29.03.2011 für Ihre Solosysteme**

Betroffene Muster: Solo-Gurtzeuge der Firma Strong Enterprises,
die mit einem AAD Typ Argus der Firma Aviacom ausgestattet sind.

Status: **verpflichtende Überprüfung vor dem nächsten Sprung!**

Betrifft: Probleme mit dem Cutter beim Schneiden des Loops

Grund: Auf Grund mehrerer Vorkommnisse mit Cutterproblemen des
Öffnungsautomaten ARGUS der Firma Aviacom, bei denen der Loop nicht oder
nicht korrekt geschnitten wurde, weist die Firma Strong Enterprises hin, das der
Einbau des Öffnungsautomaten Argus in Ihre Solo Gurtzeuge nicht getestet
wurde.
Nur in die Strong Enterprises Tandemgurtzeuge dürfen Argus eingebaut werden.
Diese Argus dürfen nur im Tandemmodus benutzt werden und müssen nach dem
8/2007 hergestellt sein.

Maßnahme : 1. Ausbau des AAD Argus aus allen **Solo**-Gurtzeuge von Strong-Enterprice
2. Vorgeschriebener Modus des Argus in den Tandemgurtzeugen: „Tandem“

Durchzuführen bis: **Vor dem nächsten Sprung!**

Bemerkungen: im Anhang: SB#31- Strong Enterprises vom 29.03.2011
SB'29 – Strong Enterprice vom 02.10.2008

Verteiler: Techniker, Warte, Händler, Vereine, Sprungzentren.

Dresden , den 05.06.2011
Chris Buß - Referat Technik DFV

Ralf Homuth – Geschäftsstellenleiter VuPL

Service Bulletin - Argus Automatic Activation Device (AAD) Disapproval

SERVICE BULLETIN #31 - ISSUE DATE: March 29, 2011

SUBJECT: Argus AAD, manufactured by Aviacom SA/NV use Strong Skydiving Systems.

Status: Mandatory. Strong Enterprises withdraws approval (SB #29) for ARGUS AAD use in Dual Hawk Tandem, under Service Bulletin #22, dated February 20, 1997. See: FAA Part 65.129(e).

Identification: Dual Hawk Tandem System P/N 103000 through 103005. We do not approve the Argus AAD's to be used in any of Strong Enterprises skydiving systems.

Background: At least four documented instances of ARGUS AAD units have been recorded where the units have fired and the cutter failed to fully cut the reserve closing loop. These instances have been worldwide and documented with photographs of partially cut reserve loops. This failure mode subjects users to an extreme hazard and possibly death by not being able to activate the reserve parachute at all.

FAA, Part 65.129 (e) states, "No certificated parachute rigger may pack, maintain, or alter a parachute in any manner that deviates from the procedures approved by the administrator or the manufacturer of the parachute."

Effective Date: March 29, 2011

Authority: Ted Strong, President
Strong Enterprises
11236 Satellite Blvd.
Orlando, FL 32837 US

DISTRIBUTION: Manufacturer, FAA, USPA, PIA Tech Comm. and Rigging Comm., Foreign Parachute Organizations, all Dual Hawk Tandem Examiners and Instructors, Dual Hawk Tandem owners on record, Parachutist, www.strongparachutes.com

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Service Bulletin - Argus Automatic Activation Device (AAD)

SERVICE BULLETIN #29 - ISSUE DATE: October 2, 2008

Subject: Argus Automatic Activation Device (AAD), testing and approval for use in the Dual Hawk Tandem System. (Reference: SE Service Bulletin 22 & explanation)

Status: Limited approval of use in Dual Hawk Tandem System of Argus AAD Units manufactured after 05/2007.

Identification: Argus AAD Unit: FW-01, DoM 05/2007



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2-Pin Cutters: 092666-119A/06 DoM 04/2006. 092773 373A/07 DoM 01/2007.
092773 024A/07 DoM 01/2007.

Background: Strong Enterprises was asked to provide approval for the Argus AAD for use in the Dual Hawk Tandem System. It has always been Strong Enterprises' policy to test products and components in real environments before approving any item for general tandem use with the Dual Hawk Tandem System.

In 2007 and 2008 Strong Enterprises completed four drop-sessions with the Argus AAD in which approximately eight drops were performed. Each drop was performed with the Argus on Tandem mode.

NOTE: Tandem mode is required for all tandem jumps.

The last session, April 15 thru 17, 2008 involved three drops:

#1. No drogue, 500lbs (226Kg), altitude 7,246 Ft. (2258m) AGL. Max speed 194mph (312Km/hr). Reserve activation achieved, canopy open by 1750 Ft (533.4m).

#2. With drogue, 500lbs (226Kg), altitude 7,246Ft. (2258m) AGL, Max speed 147mph (236.5Km/hr). Reserve activation achieved, canopy open by 1750Ft (533.4m).

#3. With drogue, 500lbs (226Kg), altitude 3,000Ft. (914m) AGL. Max speed 105mph (169Km/hr). Reserve activation achieved, canopy open by 1900Ft (579m).

Service Bulletin: This service bulletin authorizes use of the Argus AAD DoM 05/2007 or later and Dual Cutters DoM 01/2007 or later, when installed in accordance with the Dual Hawk Tandem Manual installation guidelines, P/N510045, Rev. H, 05/08, Sec. 5.1 and Argus User's Guide. As previously noted, the Argus AAD is only approved for the Dual Hawk Tandem System when used in Tandem Mode.

Approval Date: September 5, 2008

Limitation: As with any add-on component, Strong Enterprises assumes no liability for faulty installation or misuse of the equipment nor makes any guarantees that the equipment will function as intended, even if installed correctly.

Authority: Strong Enterprises, 11236 Satellite Blvd. Orlando, FL 32837.

Distribution: Manufacturer, FAA, USPA, Foreign Parachute Organizations, Dual Hawk owners on record, Parachutist, Skydiving Magazine, www.strongparachutes.com.

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