

# Product Safety Bulletin

## #20010914



- Date of Notice:** September 14, 2001
- Effective:** Immediately
- Applicability:** Attached list of Icarus Crossfire Canopies
- Compliance:** Mandatory
- Restriction:** The applicable Icarus Crossfire Canopies are Restricted to toggle control input only below 1000 Feet AGL. No Front Riser Control Input is authorized. Unauthorized front riser control input may contribute to severe buffeting or instability of the canopy.
- Note:** *This is a precautionary measure ONLY and is NOT a recall. A statement will be released on or before 01 October advising the required actions.*

### Background:

The Icarus Crossfire was released in August 2000. After its release it became apparent that an anomaly existed where some Icarus Crossfire Canopies experienced severe buffeting when initiating front riser control inputs.

After conducting a series of experiments and tests on the effected canopies, the canopy's trim was modified. Additional modifications have also been implemented.

We have been made aware of additional Crossfire canopies that have experienced buffeting and/or instability during front riser controlled flight similar to that which was experienced with the original model. This has been documented in a variety of sizes, wing loadings, and various meteorological conditions, and is not limited to any one manufacturing plant.

Based on the body of information we have received, we are investigating all possibilities that may contribute to this condition. We have concluded that this condition is limited to canopies within a range of serial numbers. This list is attached to this document.

To assist our customers who have parachutes that are UNAFFECTED, a subsequent register is also posted, listing those canopies that are NOT subject to this Safety Bulletin.

**Required Action:** It is required that all Crossfire owners, operators, pilots, drop zones, jumpers, and any other users cease using front riser control inputs on the affected Crossfire canopies, pending the finalization of our evaluation.

Until such time Icarus Canopies action a directive to remedy this anomaly, we feel that this action is necessary in the interest of our customer's safety.

A statement will be released on or before 01 October advising the results of our evaluation and additional directives and actions will be issued at that time.

Icarus Canopies have established an email address [crossfire@icaruscanopies.com](mailto:crossfire@icaruscanopies.com) and invite Crossfire users to advise us if you have or haven't experienced this anomaly (please list your canopy's serial number). Any other relevant information or comments are also welcomed. Any questions you may have will be replied to as rapidly as possible.

This bulletin and the canopy serial number lists are also available to view on our website [www.icaruscanopies.com](http://www.icaruscanopies.com).

**Current & Future Orders:** This anomaly does NOT exist in Crossfire canopies currently being produced. Customers are able to continue purchasing the product with confidence.

**Note; No other Icarus Canopies models or designs are affected.**

**Note; This Safety Bulletin is unrelated to the recent incident at the Ranch Parachute Club which has been determined by Icarus Canopies and various independent sources to be the result of a turbulent condition.**

For more information contact:

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**Individual Serial Numbers of Canopies**  
**Subject to Safety Bulletin #20010914**

8138	96613335	50312705	96612816	96612926	96612997	96613112	96613184	96613258
8139	96613337	50312717	96612817	96612927	96612998	96613113	96613185	96613259
8148	50112562	50312729	96612818	96612928	96613008	96613114	96613186	96613260
8178	50112574	96112739	96612819	96612929	96613012	96613118	96613187	96613261
8186	50112580	96112748	96612820	96612931	96613013	96613125	96613188	96613263
8244	50112586	96112751	96612821	96612932	96613019	96613126	96613189	96613267
8251	50112601	96112754	96612822	96612933	96613020	96613127	96613194	96613269
8259	50112613	96112766	96612835	96612937	96613028	96613128	96613195	96613270
94812367	50112619	96112784	96612848	96612938	96613031	96613129	96613197	96613271
96112910	50112622	96112793	96612851	96612939	96613032	96613131	96613198	96613272
96212737	50112646	96112796	96612852	96612941	96613033	96613132	96613199	96613273
96312762	50112667	96112808	96612854	96612943	96613034	96613136	96613200	96613275
96612896	50112676	96112811	96612855	96612944	96613042	96613137	96613201	96613282
96612977	50112679	96212740	96612859	96612945	96613043	96613138	96613202	96613283
96612980	50112685	96212746	96612860	96612946	96613044	96613139	96613203	96613285
96613015	50112703	96212749	96612861	96612947	96613046	96613140	96613204	96613317
96613016	50112718	96212752	96612862	96612948	96613047	96613141	96613205	96613318
96613045	50112727	96312732	96612865	96612949	96613048	96613142	96613206	96613319
96613068	50212572	96312738	96612866	96612950	96613049	96613143	96613215	96613321
96613116	50212575	96312741	96612871	96612951	96613050	96613144	96613221	96613323
96613123	50212617	96312747	96612872	96612952	96613051	96613145	96613222	96613331
96613124	50212623	96312750	96612873	96612953	96613054	96613146	96613223	96613333
96613157	50212659	96312753	96612874	96612954	96613085	96613147	96613225	
96613196	50212674	96312759	96612875	96612955	96613087	96613148	96613226	
96613224	50212677	96312765	96612876	96612960	96613088	96613149	96613227	
96613236	50212689	96312795	96612877	96612961	96613089	96613150	96613228	
96613238	50212701	96312807	96612878	96612965	96613091	96613151	96613229	
96613244	50212707	96312810	96612879	96612966	96613092	96613152	96613230	
96613264	50212722	966112977	96612880	96612967	96613093	96613153	96613231	
96613265	50312558	966123045	96612881	96612968	96613094	96613154	96613232	
96613277	50312570	96612340	96612882	96612969	96613095	96613155	96613233	
96613278	50312576	96612790	96612883	96612970	96613096	96613156	96613234	
96613284	50312579	96612801	96612897	96612971	96613097	96613158	96613235	
96613286	50312600	96612802	96612898	96612972	96613098	96613159	96613239	
96613306	50312615	96612803	96612899	96612973	96613099	96613165	96613243	
96613322	50312618	96612804	96612900	96612974	96613100	96613166	96613245	
96613324	50312621	96612805	96612904	96612975	96613101	96613167	96613247	
96613325	50312624	96612806	96612905	96612976	96613102	96613168	96613248	
96613326	50312630	96612808	96612908	96612978	96613103	96613169	96613249	
96613327	50312648	96612809	96612909	96612979	96613104	96613170	96613250	
96613328	50312654	96612810	96612910	96612981	96613105	96613171	96613251	
96613329	50312657	96612811	96612911	96612982	96613106	96613176	96613252	
96613330	50312666	96612813	96612914	96612983	96613107	96613177	96613253	
96613332	50312675	96612814	96612919	96612994	96613110	96613178	96613255	
96613334	50312684	96612815	96612924	96612995	96613111	96613183	96613257	

**Complete Range of serial numbers for canopies  
unaffected and NOT subject to this Bulletin**

Note: Users of these canopies do not need to comply with Safety Bulletin 20010914

<b>Serial Number Ranges</b>	
<b>From</b>	<b>To</b>
96112742	96112799
96112835	96112898
96112904	96112909
96112911	96112994
96113000	96113095
96113101	96113192
96113201	96113224
96212743	96212755
96212770	96212776
96212785	96212791
96212794	96212800
96212803	96212836
96212842	96212896
96212908	96212998
96213001	96213096
96213102	96213199
96213202	96213240
96312756	96312761
96312763	96312894
96312915	96312993
96313002	96313097
96313106	96313185
96313200	96313223

<b>Other individual Canopies</b>	
50112694	
50212560	
94312960	
94313148	
96612807	
96612812	
96612823	
96612836	
96612912	
96613130	
96613276	
96812349	