



**Airworthiness
Directive
2000-379/2**

Luftfahrt-Bundesamt
Airworthiness Directive Section
Hermann-Blenk-Str. 26
38108 Braunschweig
G E R M A N Y

Britax Sell

Effective Date: 11 January 2001

Affected:

Kind of aeronautical product:	Galley Equipment
Manufacturer:	Britax Sell GmbH & Co OHG, Herborn, Germany
Type:	REMOTE WATER BOILER, COFFEE MAKER, WATER BOILER and BEVERAGE MAKER
Models affected:	REMOTE WATER BOILER, PN 62204-001-029, PN 62204-001-031, PN 62204-001-037, PN 62204-001-043, PN 62204-001-047 and PN 62204-001-049 COFFEE MAKER PN 64755, PN 64753-001-003, PN 64763-201-003, PN 64769-001-005, PN 64769-001-007 and PN 64790-1 WATER BOILER PN 62197-001-001 BEVERAGE MAKER PN 64771-001-001 and PN 64771-001-003 all a.m. part numbers equipped with TANK ASSY 62203-001-005, 62197-015-001, 64761-025-001, 64769-025-003, 64771-025-005, 64771-025-001 and 64790-331-001,
Serial numbers affected:	affected equipment serial numbers see applicable manufacturer service bulletins
German Type Certificate No.:	none

Subject:

Increased contact resistance on electrical terminals because of insufficient crimping of the terminal contact pins.

Reason:

It was noticed that the crimping of the presently installed Faston Terminals PN 3-520133-2 with blue Nylon insulation with the hand tool specified for this terminal may be insufficient for the current applied to these terminals. This could cause an increased contact resistance in the terminal which could result in an increased terminal temperature and by this a discoloration of the insulation and in the worst case a melting of the terminal insulation.

The actions specified by this AD are intended to prevent such overheating of the terminals, which could cause smoke and fire in the galley compartment.

Action:

The following actions are required by this Airworthiness Directive:

1. Inspection of the affected terminal contact pins for any signs of overheating and electrical arcing.
2. Replacement of the affected wires according to the mentioned manufacturer service bulletins.

All necessary actions must be performed on the basis of the applicable maintenance manuals and the mentioned service bulletins of the manufacturer.

Compliance:

For the actions mentioned above the following compliance times have been laid down by this airworthiness directive:

1. Within the next 50 flight hours after the effective date of this AD.
2. At the next "C-Check". The replacement of the affected wires must be performed prior to further flights, if any signs of overheating or electrical arcing have been established during the inspection (item 1).

Technical publication of the manufacturer:

The following service bulletins have been issued by the manufacturer to address this problem:

Britax SB No. E33-4-007SB R1 dated 30.10.2000
Britax SB No. E33-4-009SB dated 24.10.2000
Britax SB No. E33-4-010SB dated 20.10.2000
Britax SB No. E33-4-011SB dated 21.10.2000
Britax SB No. E33-4-012SB R1 dated 20.11.2000
Britax SB No. E33-4-013SB dated 23.10.2000
Britax SB No. E33-4-014SB R1 dated 06.11.2000
Britax SB No. E33-4-015SB dated 23.10.2000
Britax SB No. E33-4-016SB R1 dated 06.11.2000

These service bulletins may be obtained from the manufacturer at the following address:

Britax Sell GmbH & Co OHG, MPL Mr. H.D. Poggensee, P.O. Box 1161, 35721 Herborn, GERMANY

Phone +49-2772-707-0, Facsimile +49-2772-707-141,

Enquiries regarding this Airworthiness Directive should be referred to Mr. Martin Borsum, Airworthiness Directive Section at the above address,

fax-no. 0049 531/2355-720. Please note, that in case of any difficulty, reference should be made to the German issue!