

EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2006 – 0197 [Corrected] Date: 11 July 2006
No person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive unless otherwise agreed with the Authority of the State of Registry.	
Type Approval Holder's Name: AvCraft Aerospace GmbH	Type/Model designation(s) : Dornier 328 Aircraft
TCDS Number : LBA 2534	
Foreign AD : None	
Supersedure : None	
ATA 28	Fuel Tank Safety Fuel Airworthiness Limitations (FAL)
Manufacturers:	AvCraft Aerospace GmbH (formerly Fairchild Dornier GmbH)
Applicability:	Dornier 328-100 and 328-300 all serial numbers
Reason:	<p>Subsequent to accidents involving Fuel Tank System explosions in flight (Boeing 747-131 flight TWA800) and on ground, the FAA published Special Federal Aviation Regulation 88 (SFAR88) in June 2001. SFAR 88 required a safety review of the aircraft Fuel Tank System to determine that the design meets the requirements of FAR § 25.901 and § 25.981(a) and (b).</p> <p>A similar regulation has been recommended by the JAA to the European National Aviation Authorities in JAA letter 04/00/02/07/03-L024 of 3 February 2003. The review was requested to be mandated by NAA's using JAR § 25.901(c), § 25.1309.</p> <p>In August 2005 EASA published a policy statement on the process for developing instructions for maintenance and inspection of Fuel Tank System ignition source prevention (EASA D 2005/CPRO, www.easa.eu.int/home/cert_policy_statements_en.html) that also included the EASA expectations with regard to compliance times of the corrective actions on the unsafe and the not unsafe part of the harmonised design review results. On a global scale the TC holders committed themselves to the EASA published compliance dates (see EASA policy statement). The EASA policy statement has been revised in March 2006: the date of 31-12-2005 for the unsafe related actions has now been set at 01-07-2006.</p>

	<p>Fuel Airworthiness Limitations are items arising from a systems safety analysis that have been shown to have failure mode(s) associated with an 'unsafe condition' as defined in FAA's memo 2003-112-15 'SFAR 88 – Mandatory Action Decision Criteria'. These are identified in Failure Conditions for which an unacceptable probability of ignition risk could exist if specific tasks and/or practices are not performed in accordance with the manufacturers' requirements.</p> <p>This EASA Airworthiness Directive mandates the Fuel System Airworthiness Limitations (comprising maintenance/inspections tasks and Critical Design Control Configuration Limitations (CDCCL)) for the type of aircraft, that resulted from the design reviews and the JAA recommendation and EASA policy statement mentioned above.</p> <p>Revision History: PAD 06-017R1 has been issued to endorse comments received for PAD 06-017 and due to the change of the EASA policy statement on fuel tank safety on March 2006.</p> <p>[Correction: date shown in paragraph 1 of the Compliance section has been amended.]</p>
Effective Date:	19 July 2006
Compliance:	<p>Unless already accomplished, the following actions are rendered mandatory within 3 months from the effective date of this AD:</p> <p>1. Maintenance/Inspection Tasks</p> <ul style="list-style-type: none"> - It is mandatory to strictly adhere to the requirements of the following Documents: - For the Dornier 328-100: Dornier 328 Airworthiness Limitations Document, Section F Temporary Revision no ALD-080 dated 15 October 2003, or any later approved revision. Task 28-00-00-02 and 28-00-00-03, detailed inspection of Outer and Inner Fuel Tank harness shall be performed initially within 10 years from the effective date of the AD (30-06-2016 at the latest); For Repeat Interval refer to the Airworthiness Limitation Document. - For the Dornier 328-300 (JET): Dornier 328 JET Airworthiness Limitations Document Temporary Revision No. ALD-028 dated 15 October 2003 or any later approved revision. Task 28-00-00-02 and 28-00-00-03, detailed inspection of Outer and Inner Fuel Tank harness internal, shall be performed initially within 10 years from the effective date of the AD, (30-06-2016 at the latest). For Repeat Interval refer to the Airworthiness Limitation Document. <p>2. CDCCL</p> <ul style="list-style-type: none"> - It is the responsibility of the operator to ensure that their internal documentation is amended to reflect the data contained within the documents mentioned under 1) and to provide appropriate text to highlight the existence of each CDCCL. The operators internal procedures and documentation ensuring management of control of CDCCL shall be fully implemented before 01 July 2007.

	<ul style="list-style-type: none"> - No retroactive action is required further to the above mentioned amendment of the documentation.
Ref. Publications:	<ul style="list-style-type: none"> - Dornier 328 Airworthiness Limitations Document, Section F Temporary Revision No ALD-080 dated 15 October 2003; - Dornier 328 Maintenance Planning Document Temporary Revision No. MPD-068 dated 9 August 2004; - Dornier 328 JET Airworthiness Limitations Document Temporary Revision No. ALD-028 dated 15 October 2003; - Dornier 328 JET Maintenance Planning Document Temporary Revision No. MPD-115 dated 9 August 2004. <p>or later approved revisions.</p>
Remarks:	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated the responsible EASA manager for the related product has the authority to accept Alternative Methods of Compliance (AMOCs) for this AD. 2. This AD was posted as PAD 06-017R1 for consultation on 09 June 2006 with a comment period until 22 June 2006. No comment was raised during consultation period. 3. Enquiries regarding this Airworthiness Directive should be referred to Mr. M. Capaccio, Airworthiness Directive Focal Point - Certification Directorate, EASA. E-mail: ADs@easa.europa.eu. 4. For questions concerning the technical contents of this AD's requirements, please contact GCT-Design Organisation GmbH, P.O.Box 1252, D-82231 Wessling – Ph.: +49 8153 88111 4046; Fax: +49 8153 88111 2450 E-mail: juergen.berk@AvCraft.de