



Subject: Wings - Wing to Fuselage Connection – SB to replace composite x- rods

Effectivity

Dornier 328 Series
EASA TCDS A. 096
Serial No's: All Aircraft

References

- ASB-328-57-038R1 Wings – Inspection of x-Rod (Connecting Element Wing / Fuselage)
- ASB-328J-57-016R1 Wings – Inspection of x-Rod (Connecting Element Wing / Fuselage)
- SI-328-57-130R1 Wings - Information on x-Rod Inspection
- SI-328J-57-080R1 Wings - Information on x-Rod Inspection

General

Previously reported defects in the conical area of the x- rod shaft have led to further investigations, which have revealed irregular voids or other deficiencies in this area.

328 Support Services GmbH responded with the publication of Alert Service Bulletin ASB-328-57-038R1 and ASB-328J-57-016R1 followed by a Service Information SI-328-57-130R1 and SI-328J-57-080R1.

As a new production of the composite x- rod is for economic and technical reasons not feasible it was decided to introduce a new damage tolerant aluminium-titanium x- rod design with multiple load paths allowing simple visual inspection already proven to be reliable in the wing to fuselage connection.

Retrofit Management

1. Planning

In order to meet compliance deadline, the existing x- rods shall be replaced i.a.w. SB-328-57-504 not later than 31st of December 2012 and SB-328J-57-253 not later than 31st of March 2013 as per MRB/ALD Section E (mandatory retrofit items). Retrofits can be performed during any A/C down time within 4 – 8 man hours. To minimize any



interference with normal aircraft operations, it is recommended to start ordering the SB kits as soon as possible as orders will be treated on a first come / first serve basis. In general, priority will be given turboprop aircraft and to aircraft in operation and customers with several aircraft in operation (fleets). Parked or inactive aircraft will be considered with second priority.

2. Configuration

There are two different x- rod configurations:

- a. Aircraft SN up to and including SN 3008: pre-SB P/N 001B570A0014010
⇒ post-SB P/N 001B570A0014014.
- b. Aircraft SN 3009 and higher: pre-SB P/N 001B570A0014012
⇒ post-SB P/N 001B570A0014016

Note: The x- rods must be replaced in pairs, as a mixed configuration is not certified and approved.

3. Availability

The start of the campaign is scheduled for August 2012.

At campaign start a limited number of the new metallic x- rods will be available from 328 Support Services GmbH. These x- rods can be ordered with immediate effect.

Scope of delivery/ Pricing

SB Kit PN No. SB-328-57-504-A (S/N up to and including S/N 3008) and **SB Kit PN No. SB-328-57-504-B** (S/N 3009 and up) for **Dornier 328-100**
SB Kit PN No. SB328J-57-253 for **Dornier 328-300**

are available at a sales price of **16.783,04 €** and consisting of

Part Number	Qty.	Nomenclature	Remarks
001B570A00140014	2	X- rod long	S/Nos up to and includ. S/N 3008
001B570A00140016	2	X- rod short	S/Nos 3009 and up
AN310C14	2	Nut	
AN960C1416 altern. NAS1149C1490R	2	Washer	



DON718C333P	2	Spanner Nut	
DON719C283P	2	Tab washer	
AN960C2016 altern. NAS1149C2090R	2	Washer	
MS 24665-359	4	Split Pin	
DON436P400-850	2	Washer	
001B570A0018260	2	Bolt	
001B570A0018258	2	Sleeve	

Note: For each kit ordered, the relevant A/C serial number has to be provided by the customer to allow further processing of the purchase order.

Note: All other P/N e.g. Bolt with P/N 001B570A0018234 or Sleeve with P/N 001B570A0018246 are not part of SB Kit and are available on request at Order Administration.



Dornier 328
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Information



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SB Kits are to be ordered at:

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Model Dornier 328 Series

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Page 4 of 4