



Subject: Maintenance Evolution Programme

Effectivity

Dornier 328-100 and 328-300
EASA TCDS A. 096
Serial No's: as applicable i.a.w. EASA TCDS

General

Status and reminder to "Maintenance Evolution Programme" presented to the MRB and ISC in December 2009.

The introduction of "Maintenance Evolution Programme Phase 3 and Phase 4" has taken place at 17th MRB/ISC Meeting. During this Meeting 328SSG presented the Evolution Programme and discusses the "Grand Plan" (see attachment I) with the Authorities and the ISC. As a result the MRB agreed with the "Grand Plan".

Maintenance Evolution Overview

	Original	Target
Phase 1	Not applicable for Dornier 328-300	
Phase 2	Structure	Structure
	2 / 4 / 8 Years	2.5 / 5 / 10 Years
	Phase 2 was accepted at 13th ISC/MRB Meeting 2004 and is incorporated in the MRB Report Revision 4	
Planned step *	MPD	
	Phase 3	Systems & Zonal
		A-Check = 400 FH
		C-Ceck = 4000 FH
		A-Check = 500 FH
		C-Check = 5000 FH
	LUMPD	
	Phase 4	Systems & Zonal
		C-Ceck = 24 Months
		C-Check = 30 Months

* an interval increase of 25% is anticipated

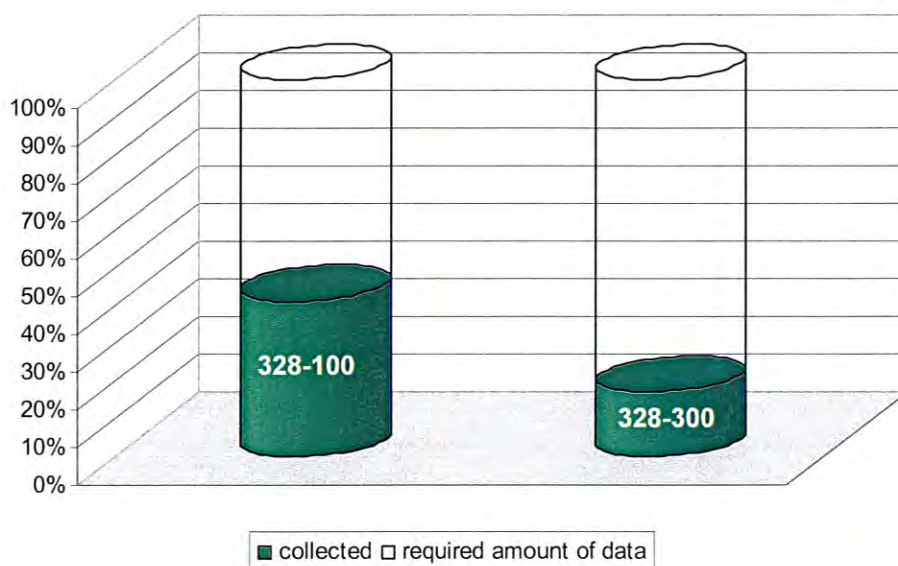
Regulations

The "Maintenance Evolution Programme" must meet all relevant regulations, which includes also IP44 issue 2 (see attachment II). Paragraph 7.2 in IP44 says that the TCH must develop and implement a statistical analysis system to provide justification that a 95 percent level of confidence has been achieved for the evolution/optimization exercise on a task by task basis. In case of Dornier 328-100 sample data of 63 Aircraft are required. For Dornier 328-300 sample data of 58 A/C are needed.

Status

Up to now 328SSG received data of 26 Dornier 328-100 and data of 10 Dornier 328-300 A/C. Unfortunately, part of the data received are either incomplete or do not have the quality requested, thus they can not be processed in the Maintenance Evolution Programme. As demonstrated in the graph below a considerable amount of data is yet required to enable evaluation process. It is therefore important that all Operators deliver all required data. The data received are checked for quality and completeness and are fed into the data base. Based on the limited data made available to us an evaluation can not be started at this point.

Amount of collected data





Data format

Furthermore the Operator should submit the maintenance data strictly in the form as described in CSI-328ALL-2009-04 or in an equivalent digital format like MS Excel, Word or Access.

For Information please find CSI-328All-2009-04 on the Homepage:

<http://www.328support.de/downloads/328/CSI/CSI-328ALL-2009-04.pdf>

Further support of Maintenance Evolution Programme

As this Maintenance Evolution Programme step is introduced to the benefit of Dornier 328 Operators, the full support from the field is expected to bring this project to a successful stage at the earliest possible time.

The next ISC/MRB meeting is scheduled for fourth quarter of 2010 where the ISC should present status of data collection to MRB.

The effort of all Operators who provided data to 328SSG so far is highly appreciated and represents a valuable contribution to the programme. It must be emphasised that further data are needed to archive the 95% confidence level required by the Authorities.

328SSG therefore appeals to all Operators who had not been able to provide their data to contact the Global Support Centre (see address below) to clarify possible questions.

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Dornier 328
Customer Support
Information



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P. O. Box 1252 - D-82231 Wessling/Germany

Please send maintenance data to one of the following addresses:

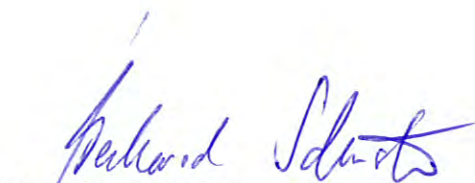
Email: gsc.op@328support.de or Mail: 328 Support Services GmbH
Global Support Centre
c/o Mr. Conny Uihlein
P.O.Box 1252
D-82231 Wessling
Germany

In case of any questions please contact the Global Support Centre:

Tel: +49 (0) 8153 88111 6666
Fax: +49 (0) 8153 88111 6565
Email: gsc.op@328support.de

Thank you in advance for your co-operation!

Yours sincerely


Bernhard Schuster
Head of Program Management


Alexander Zirkel
Manager Customer Support

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Attachment I

Grand Plan

Step #	Description	Participants / Action	Date	Status
1	Customer information to all 328 Customers in order to collect maintenance data for proposed evolution	328SSG / Distribution of Forms for Task Maintenance Evolution		done
2	Introduction of Task Maintenance Evolution Programme on ISC/MRB Meeting	328SSG / GCT DO / ISC / Agencies		done
3	First review of collected data and discussion on internal working group	328SSG / GCT DO		done
4	Second Customer Support Information to all 328 Customers concerning status report and reminder	328SSG	Jul / 2010	done
4*	Acquisition of missing data	328SSG / Operators	Jul / 2010	incomplete
5	Review MSG-3 Analysis / SBs and Options	328SSG / GCT DO	Jul / 2010	in preparation
6	Presentation of status on 18 th MRB/ISC Meeting	328SSG / GCT DO / Authorities / ISC	December / 2010	Planning has started
7	Presentation of status on Operators Conference	328SSG / GCT DO / Operators	December / 2010	Planning has started
8	Interval Evolution Working Group Members determined Interval Evolution Working Group meeting prepared	328SSG / GCT DO / Operators / FAA / EASA	Dec / 2010	
9	1 st Interval Evolution Working Group meeting (A Checks)	IEWG	Jan / 2011	
10	Presentation of 1 st IEWG Meeting results to ISC	IEWG / ISC	Mar / 2011	
11	2 nd Interval Evolution Working Group meeting (C Checks)	IEWG	Jun / 2011	
12	Presentation of 2 nd IEWG Meeting results to ISC	IEWG / ISC	End of July / August	
13	19 th ISC/MRB Meeting Presentation of proposed task changes to ISC/MRB for incorporation into MRB-Report	ISC/MRB	Sept / 2011	



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Attachment II

IP44



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