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TROUBLE SHOOTING MANUAL

HIGHLIGHTS

REVISION NO. 54 May 01/08

Pages which have been revised are outlined below, together with the Highlights of the Revision

CH/SE/SU C REASON FOR CHANGE EFFECTIVITY

PAGES

CHAPTER 70

L.E.P. 1- 1 REVISED TO REFLECT THIS REVISION INDICATING

NEW, REVISED, AND/OR DELETED PAGES

70-00-00 TECHNICAL CORRECTIONS ALL

201, 203- DELETED PB.101 REFERENCE

204 CORRECTION/ADDITION/AMPLIFICATION ALL

DELETED REFERENCE TO PB 101

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CHAPTER 70

STANDARD PRACTICES - ENGINES

LIST OF EFFECTIVE PAGES

N, R or D indicates pages which are New, Revised or Deleted respectively Remove and insert the affected pages and complete the Record of Revisions and the Record of Temporary Revisions as necessary

CH/SE/SU	C	PAGE	DATE	CH/SE/SU	C	PAGE	DATE	CH/SE/SU	C	PAGE	DATE
RECORD OF TEMP. REVISION											
L.E.P. T. of C.	R		May01/08 May01/04								
70-00-00 70-00-00 70-00-00 70-00-00 70-00-00	R R R	202 203 204	May01/08 Aug01/94 May01/08 May01/08 May01/97								

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CHAPTER 70

STANDARD PRACTICES - ENGINES

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powerplant resistance			704	ALL
The recommended way to check a resistance of the component is			301	ALL
to measure the resistance of				
both channel A and B components,				
and to compare the two				
To accurately measure the			301	ALL
resistance of a thermocouple,				
the average of two reading has				
to be calculated. The ohmmeter				
leads should be reversed				
When you try to measure with			301	ALL
accuracy a low resistance				
component, you must not forget				
to substract the resistance of				
the ohmmeter test leads.				

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STANDARD PRACTICES - ENGINE - GENERAL - FAULT ISOLATION PROCEDURES

TASK 70-00-00-810-801

Engine Failure(s)

1. Possible Causes

R

2. Job Set-up Information

Not Applicable

- 3. Fault Confirmation
 - A. Test
 - (1) Read the Post Flight Report for the related ECAM warning(s) and/or CFDS message(s).

R

- 4. Fault Isolation
- R A. Make a record of the ECAM warning(s) related to the indicated ENG and/or CFDS message(s) related to the indicated FADEC system, then do the applicable trouble shooting procedure.

EFF: ALL

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TASK 70-00-00-810-805

Display of an Operational Message on the ECAM

- 1. Possible Causes
 - OPERATIONAL MESSAGE NO FURTHER ACTION REQUIRED
- 2. Job Set-up Information

Not Applicable

- 3. Fault Confirmation
 - A. Not applicable
- 4. Fault Isolation
 - A. OPERATIONAL MESSAGE NO FURTHER ACTION REQUIRED.

FFF: ALL 70-00-00

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TASK 70-00-00-810-806

Vibration Values in the Limit

- 1. Possible Causes
 - OPERATIONAL MESSAGE NO FURTHER ACTION REQUIRED
- 2. Job Set-up Information

Not Applicable

- 3. Fault Confirmation
 - A. Not applicable
- 4. Fault Isolation
 - A. OPERATIONAL MESSAGE NO FURTHER ACTION REQUIRED.

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TASK 70-00-00-810-807

Engine Thrust Failure(s)

1. Possible Causes

R

2. Job Set-up Information

Not Applicable

- 3. Fault Confirmation
 - A. Test
 - (1) Read the Post Flight Report for the related ECAM warning(s) and/or CFDS message(s).

R

R R

- 4. Fault Isolation
- A. Make a record of the ECAM warning(s) related to the Auto Flight System (AFS) and/or CFDS message(s) related to the indicated FADEC system, then do the applicable trouble shooting procedure.

EFF : ALL

SROS

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STANDARD PRACTICES - ENGINE - GENERAL - TASK SUPPORTING DATA

- R 1. TROUBLE SHOOTING Data of the FADEC
- R A. Display of the CFDS FADEC Messages
- R (1) On the center pedestal, on the MCDU, get the MCDU MENU page.
- R (2) On the MCDU MENU page, push the line key adjacent to the SYSTEM REPORT/TEST indication.
- R (3) On the MCDU, push NEXT PAGE key.
- R (4) On the SYSTEM REPORT/TEST page, push the line key adjacent to the ENG indication.
- R (5) On the SYSTEM REPORT/TEST page, push the line key adjacent to the FADEC 1A, 1B, 2A or 2B indication.
- R (6) Push the line key adjacent to the TROUBLE SHOOTING indication.
- R (7) Read the trouble shooting message related to the CFDS message.
- R 2. General data to do a check of the powerplant resistance
 - A. The recommended way to check a resistance of the component is to measure the resistance of both channel A and B components, and to compare the two values. Resistance between channels A and B should be within 15 per cent.
 - B. To accurately measure the resistance of a thermocouple, the average of two reading has to be calculated. The ohmmeter leads should be reversed after the first measurement in order to obtain the proper average.
 - C. When you try to measure with accuracy a low resistance component, you must not forget to substract the resistance of the ohmmeter test leads.

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