

04

**AIRWORTHINESS
LIMITATIONS**

TEMPORARY REVISION No. TR009.04

CAUTION : KEEP THIS PAGE AND POSITION IT BEFORE THE LIST OF EFFECTIVE PAGES OF CHAPTER 04.

FILING INSTRUCTIONS : Insert this Temporary Revision dated MAY 04.
Retain this TR until it is CANCELLED by a normal revision or until replaced by a new TR.

NOTA : This TR completes and replaces TR004-04.

SUBJECT : Incorporation of modifications No. MOD.10-0210-57 and MOD.10-0212-05

REASON : Increase of wing service life and engine mount and landing gear mount life limit.

CONCERNED PAGES :

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AIRWORTHINESS LIMITATIONS

THE EASA APPROVES THE AIRWORTHINESS LIMITATIONS IN THIS CHAPTER, MODIFIED BY TEMPORARY REVISION TR009-04. THEY ANSWER THE APPLICABLE AIRWORTHINESS REGULATION DETAILED IN DGAC AIRWORTHINESS DATA SHEET No. 165.

THIS CHAPTER SPECIFIES INSPECTION AND MAINTENANCE REQUIRED UNDER PARAGRAPHS CS.23.1521 AND G23.4 OF APPENDIX G.

Original version, dated Sept. 1991, DGAC Approval reference BUREAU VERITAS MAE/AVI/TAB-200/91-JC/GV dated 05 DEC. 1991.

TR009.04 EASA Approval Number : 2004-12250 dated December 15, 2004
Letter reference No. 2004-4493 DGAC/GSAC dated December 10, 2004.

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1. GENERAL

The airworthiness limitations section is EASA approved and specifies inspection and maintenance required under paragraphs CS.23.1521 and G23.4 of appendix G.

2. STRUCTURE SERVICE LIFE

| | COMPONENT | PART NUMBER | LIFE LIMIT (whichever occurs first) | |
|------------------|-----------------------------|---------------|---|---|
| | | | Without MOD. 210 or without MOD. 32 and MOD. 91 | With MOD. 210 or with MOD. 32 and MOD. 91 |
| Pre- MOD.152 | L.H. wing structure assy | TB20 11000XXX | 10 000 flight hours | 47 675 flight hours or 73 300 landings |
| | R.H. wing structure assy | TB20 11000XXX | 10 000 flight hours | 47 675 flight hours or 73 300 landings |
| Post- MOD.152 | L.H. wing structure assy | TB20 11030000 | 10 000 flight hours | 47 675 flight hours or 73 300 landings |
| | R.H. wing structure assy | TB20 11030001 | 10 000 flight hours | 47 675 flight hours or 73 300 landings |

XXX corresponds to different wing structure changes

For MOD10-0212-05

| COMPONENT | PART NUMBER | LIFE LIMIT |
|-------------------------|---|------------|
| Engine mount | TB20 51000001 or TB20 51000006 or TB20 5100000601 | 10000 h |
| Nose landing gear mount | TB20 42010000 or TB20 4201000049 | 10000 h |
| L.H. strut | TB20 42010001 or TB20 42010004 | 10000 h |
| R.H. strut | TB20 42010002 or TB20 42010005 | 10000 h |

3. ENGINE SERVICE LIFE

Refer to AVCO LYCOMING Operator's Manual (latest edition) or to fascicle P-41-40 (latest edition) of GSAC (Groupement pour la Sécurité de l'Aviation Civile, ex-BUREAU VERITAS, Aeronautics Division).

4. PROPELLER SERVICE LIFE

A. HARTZELL propeller

Refer, either to HARTZELL Service Letter No. 61 (latest revision), or to Advisory Circular No. 20-37 (latest edition) issued by FAA (US DEPARTMENT OF TRANSPORTATION, FEDERAL AVIATION ADMINISTRATION), or to fascicle extract P-41-45 (latest edition) of GSAC (Groupement pour la Sécurité de l'Aviation Civile, ex-BUREAU VERITAS, Aeronautics Division).

AIRWORTHINESS LIMITATIONS

THE DGAC APPROVES THAT THE AIRWORTHINESS LIMITATIONS IN THIS CHAPTER ANSWER THE APPLICABLE AIRWORTHINESS REGULATION DETAILED IN FRENCH AIRWORTHINESS DATA SHEET No. 165.

THIS CHAPTER SPECIFIES INSPECTION AND MAINTENANCE REQUIRED UNDER PARTS 43.16 AND 91.403 OF THE FEDERAL AVIATION REGULATIONS.

Original version dated Sept. 1991, DGAC Approval reference BUREAU VERITAS MAE/AVI/TAB-200/91-JC/GV, dated 05 DEC. 1991.

Revision 04 dated Apr. 95, DGAC Approval reference 962720 SFACT/N dated June 11th, 1996.

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1. GENERAL

The airworthiness limitations section is DGAC approved and specifies inspection and maintenance required under parts 43.16 and 91.403 of the Federal Aviation Regulations.

2. STRUCTURE SERVICE LIFE

| COMPONENT | PART NUMBER | SERVICE LIFE (flight hours) |
|------------------------------|---------------|--------------------------------|
| L.H. wing structure assembly | TB20 11000XXX | 10000 |
| R.H. wing structure assembly | TB20 11000XXX | 10000 |

XXX corresponds to the different changes of wing structures

3. ENGINE SERVICE LIFE

Refer to AVCO LYCOMING Operator's Manual (latest revision) or to fascicle 3.1/4 Vol. III of GSAC (Groupement pour la Sécurité de l'Aviation Civile, ex-BUREAU VERITAS, Aeronautics Division) (latest revision).

4. PROPELLER SERVICE LIFE

A. HARTZELL propeller

Refer to manual of HARTZELL manufacturer (at latest revision) and HARTZELL Service Letter Nr 61 (latest revision) or to fascicle 4.1/2 Vol. III of GSAC (Groupement pour la Sécurité de l'Aviation Civile, ex-BUREAU VERITAS, Aeronautics Division) (latest revision).

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