

**04**

**AIRWORTHINESS  
LIMITATIONS**



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## AIRWORTHINESS LIMITATIONS

THE EASA APPROVES THE AIRWORTHINESS LIMITATIONS IN THIS CHAPTER MODIFIED BY REVISION 18. THEY ANSWER THE APPLICABLE AIRWORTHINESS REGULATION DETAILED IN DGAC AIRWORTHINESS DATA SHEET No. 165. THIS CHAPTER SPECIFIES INSPECTION AND MAINTENANCE REQUIRED UNDER PARTS CS23.1529 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.

Revision 18, EASA Approval reference EASA.A.A.01246 dated 6th JUL 2006.

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**1. GENERAL**

The airworthiness limitations section is EASA approved and specifies inspection and maintenance required under parts CS23.1529 and G23.4 of Appendix G.

The Airworthiness Limitations Section is FAA approved (approval dated November 30, 2006) and specifies maintenance required under Secs. 43.16 and 91.403 of the Federal Aviation Regulations unless an alternative program has been FAA approved.

**2. STRUCTURE SERVICE LIFE**

Pre-MOD.152

COMPONENT	PART NUMBER	SERVICE LIFE (flight hours)
L.H. wing structure assembly	TB09 11000XXX or TB09 11006XXX	14 600
R.H. wing structure assembly	TB09 11000XXX or TB09 11006XXX	14 600

XXX corresponds to the different changes of wing structures

Post-MOD.152

COMPONENT	PART NUMBER	SERVICE LIFE (flight hours)
L.H. wing structure assembly	TB09 11040XXX	14 600
R.H. wing structure assembly	TB09 11040XXX	14 600

XXX corresponds to the different changes of wing structures

The SB 10-081-57, at the latest revision, deals with the front wing attaching parts on wing and fuselage side, which have specific limited lives, either since the original aircraft type certification, or following the in-service experience.

**3. ENGINE MOUNT AND LANDING GEAR MOUNT SERVICE LIFE**

COMPONENT	PART NUMBER	SERVICE LIFE (flight hours)
Engine mount	TB10 51000000 TB10 51001000 or TB10 51002000 or T200 51001000 or T200 51000000 or T200 5100000000	10000
Nose landing gear mount	TB10 42010001 or TB10 42010003 or TB10 42010005 or TB10 4201000549	10000

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■ **4. 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).

■ **5. 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).

**B. SENSENICH propeller**

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