



MANDATORY SERVICE BULLETIN Z 242L/52a – Supplement 1

„SAFETY RELATED“

Technical content of the document
Approved by the EASA Nr. 10060706

- 1. DATE:** January 13, 2017

- 2. APPLICABLE TO:** All Z 242 L aircraft with strengthened wings without AMU1 Acceleration monitoring unit installation (*aircraft's S/N from 0657 to S/N 0746 incl., which the additional installation of AMU1.01 acc. to MSB Z242L/44a or Z242L/52a has not been performed*).

- 3. REASON:** **On the basic of Mandatory Service Bulletin Z242L/65a limitations mentioned in sect. 4.1.3 were corrected following:**
 - 4.1.3 Operation limits for the aircraft which are not equipped with the AMU1.
 - A) if aircraft operation time in ACROBATIC (A) category has not exceeded 200 hours TIS and in UTILITY (U) category has not exceeded 500 hours TIS, i.e. summary 700 hours TIS in A+U category, aircraft can be operated in category NORMAL (N) only up to the total limit 5500 hours TIS.

 - B1) if aircraft operation time in ACROBATIC (A) category has exceeded 200 hours TIS and in UTILITY (U) category has not exceeded 500 hours TIS, aircraft can be operated acc. to the following table:



Category A (flight hours)	Category U (flight hours)	Category N (flight hours)	Total (flight hours)
200	500	4800	5500
205	500	4300	5005
210	500	3800	4510
215	500	3300	4015
220	500	2800	3520
225	500	2300	3025
230	500	1800	2530
235	500	1300	2035
240	500	800	1540
245	500	300	1045
250	500	0	750

B2) if aircraft operation time in ACROBATIC (A) category has not exceeded 200 hours TIS and in UTILITY (U) category has exceeded 500 hours TIS, aircraft can be operated acc. to the following table:

Category A (flight hours)	Category U (flight hours)	Category N (flight hours)	Total (flight hours)
200	500	4800	5500
200	600	4000	4800
200	700	3200	4100
200	800	2400	3400
200	900	1600	2700
200	1000	800	2000
200	1100	0	1300

C) if aircraft operation time in ACROBATIC (A) category has exceeded 250 hours TIS and in UTILITY (U) category 500 hours TIS, i.e. summary 750 hours TIS in A+U category, aircraft must be removed from operation

eventually:

if aircraft operation time in ACROBATIC (A) category has exceeded 200 hours TIS and in UTILITY (U) category 1100

ZLIN AIRCRAFT

Letiště 1887
765 02 Otrokovice

www.zlinaircraft.eu



hours TIS, i.e. summary 1300 hours TIS in A+U category, aircraft must be removed from operation.

(for further operation is necessary to perform the wings replacement + installation of registration accelerometer AMU1 and replacement of subsequent primary parts of aircraft structure acc. to the instructions mentioned in mandatory service bulletin Z242L/52a).

8. PROCEDURES:

Print supplement No. 1 and insert it to the bulletin Z 242L/52a with date of issue March 8, 2007

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Ing. Aleš Hanzal
Head of DOA

Contact address: ZLIN AIRCRAFT a.s.
765 02 Otrokovice
Czech republic