

**FLIGHT MANUAL SUPPLEMENT**  
 Associated with EASA STC A.S.10043168  
 Ref : SUPMV-CESSNA152-12-01 REV:A

**Applicability:**  
 CESSNA152, REIMS- ESSNA F152 and FA152

**EXHAUST WITH CHABORD MUFFLER**

List of applicable pages	Date
1 - 2	07/12/2012

**1. Approval**

The current Flight Manual supplements part of EASA STC .A.S.10043168 approved on 09/01/2013

**2. General Information**

The data in the current supplement completes and/or replace the data the basic Flight Manual when the aircraft is equipped with a Chabord exhaust/muffler according to, EASA STC A.S.10043168.

**3. Limitations**

Unchanged

**4. Emergency Procedures**

Unchanged

**5. Normal Procedures**

Unchanged

**6. Performance**

Acoustic performance:

Established according to OACI regulations, annexe16, Chapter 6 & 10 (10.4b)

CESSNA152			
Powerplant Lycoming	Propeller	Noise Level	Maximum authorized noise level
0-235-L2C	McCauley 1A103/TCM6958	65 dB(A) (chap 6)	70.1 dB(A)
0-235-N2C	McCauley 1A103/TCM6958	65 dB(A) (chap 6)	70.1 dB(A)
0-235-L2C	Sensenich 72CK56-0-54	68.8 dB(A) (chap 6)	70.1 dB(A)
0-235-L2C	Sensenich 72CK56-0-56	68.1 dB(A) (chap 10.4b)	74.4 dB(A)
0-235-N2C	Sensenich 72CK56-0-56	68.1 dB(A) (chap 10.4b)	74.4 dB(A)

REIMS-CESSNA F152			
Lycoming	Propeller	Noise Level	Maximum Authorized noise level
O-235-L2C	McCauley 1A103/TCM6958	72.3 (chap 10.4b)	74.4 dB(A)
O-235-N2C	McCauley 1A103/TCM6958	65 dB(A) (chap 6)	70.1 dB(A)
O-235-L2C	Sensenich 72CK56-0-54	70.1 dB(A) (chap 6)	70.1 dB(A)
O-235-N2C	Sensenich 72CK56-0-54	68.8 dB(A) (chap 6)	70.1 dB(A)
O-235-L2C	Sensenich 72CK56-0-56	68.1 dB(A) (chap 10.4b)	74.4 dB(A)
O-235-N2C	Sensenich 72CK56-0-56	68.1 dB(A) (chap 10.4b)	74.4 dB(A)

REIMS-CESSNA FA152			
Lycoming	Propeller	Noise Level;	Maximum authorized noise level
O-235-L2C	McCauley 1A103/TCM6958	72.3 (chap 10.4b)	74.4 dB(A)
O-235-N2C	McCauley 1A103/TCM6958	70.1 dB(A) (chap 6)	70.1 dB(A)
O-235-L2C	Sensenich 72CK56-0-54	70.1 dB(A) (chap 6)	70.1 dB(A)
O-235-N2C	Sensenich 72CK56-0-54	70.1 dB(A) (chap 6)	70.1 dB(A)
O-235-L2C	Sensenich 72CK56-0-56	68.1 dB(A) (chap 10.4b)	74.4 dB(A)
O-235-N2C	Sensenich 72CK56-0-56	68.1 dB(A) (chap 10.4b)	74.4 dB(A)

Other performances: unchanged

**7. Weight and Balance**

The aircraft must be weighed.

**8. Description**

Not applicable