

## Airworthiness Directive

76-283 Limbach Motorenbau

Affected engines:

Limbach SL 1700E, 1700EA, 1700EB  
and 1700EC, equipped with Stromberg-  
Zenith carburetor 150CD and 150CD-3.

Date of issue:

October 19, 1976

Affected:

Mixture control; Rubber diaphragm of the governor piston.

Reason:

Engine malfunction as a result of too rich mixture.

Action and Compliance:

1. Within the next 100 hours time in service but not later than 6 months after publication of this AD, check the rubber diaphragm - especially on the side of the governor piston - for cracks and porosity. If cracks are found, replace the diaphragm.

Action to be accomplished as described in the  
"Technische Mitteilung"

2. The documentation is to be completed as follows:

Service Manual Sportavia-Limbach SL 1700E, Limbach SL 1700EA  
and further series.

Page no. 12 paragraph 6.2.1.

Within 6 months since last 100 h inspection check the  
carburetor diaphragm on all Stromberg-Zenith carburetors.

Page no. 14, paragraph 6.5.

During the next 100 h inspection (as an additional work to  
paragraph 6.4), check the carburetor diaphragm on all  
Stromberg-Zenith carburetors.

Technical publication of the manufacturer:

Technische Mitteilung Limbach Motorenbau Nr.12  
et July 1, 1976.

Accomplishment and log book entry:

Action to be accomplished by an approved repair station  
and to be entered in the log.