
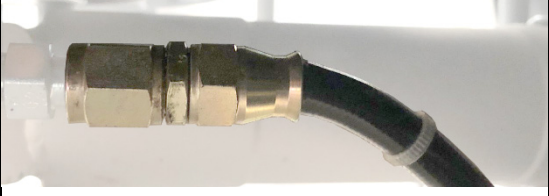


Subject: Specification of service life limitations for the brake hoses of the hydraulic wheel brake
Applicability: **ASW 22**; all models; Type-Certificate EASA.A.217; all serial numbers
Classification: Major Change
Urgency: optional
Reason: Maintenance simplification
 Brake hoses of the old type are made from rubber material and have a service life limitation. The material of the new type brake hoses is long-term resistant against the used brake fluid and thus no service life limitation is necessary.

Action: **1.) Identification of the installed brake hoses**

| | |
|---|--|
|  | Brake hoses of the old type made from rubber material, identifiable by the shown fitting shape and the textile fabric wrapping of the hose. |
|  | Brake hoses of the new type , identifiable by the shown fitting shape. |

2.) Specification of the lifetime limitation

Brake hoses of the **old type**: This brake hose has to be exchanged in regular intervals of 6 years. If the brake hose is in good condition, it is not necessary to exchange the hose. Operation on condition requires the inspection of the hose for proper condition at least every 100 h.

Brake hoses of the **new type**: This brake hose has no service life limitation (on condition).

3.) Exchange of the following pages of the maintenance manual

In case brake hoses of the **old type** are installed: No exchange of manual pages. The service life limitation of the brake hoses is already included in the maintenance manual.

In case brake hoses of the **new type** are installed:

| Aircraft Model | German | English |
|--|--------|---------|
| ASW 22 | 61 | 61 |
| ASW 22 M / ASW 22 B / ASW 22 BL / ASW 22 BE / ASW 22 BLE | 4.4 | 4.4 |
| ASW 22 BLE 50R | 4.3 | 4.3 |

The new manual pages are marked with the number of the corresponding technical note as revision.

Material and Drawings:

Just for information, an overview of the new type brake hoses for the various aircraft models is given:

| Aircraft Model | AS-Part-No. of the new type brake hose | Remarks |
|---------------------|---|---------|
| ASW 22 (all models) | 250.23.0020 | |

Notes:


This change affects only the pressurized hose(s) of the brake system.

This change specifies only the service life limitation of the brake hoses. Structural measures, as for example the exchange of brake hoses, must be executed regarding the applicable law for repair and maintenance.

All Actions have to be considered as a maintenance task regarding aviation law. The respective national regulations must be applied.

Poppenhausen, 03.04.2020

Alexander Schleicher
GmbH & Co.

i.A. 
(P. Anklam)

This Technical Note bases on a change, which was approved by EASA under the major change approval EASA 10074201.