AEROSPOOL SINCE 1991	**SERVICE BULLETIN SBRTC-2020-2**	Revision: **1** Date: **14.04.2020**
This Service Bulletin has been produced in accordance with approved Alternative Procedures to DOA EASA.AP356.		
☐ INFORMATION	☐ OPTIONAL/RECOMMENDED	☑ MANDATORY

This Service Bulletin revises SBRTC-2020-2, Revision 0, dated 10.03.2020.

A. SUBJECT:

Change of brake hoses connection to the calipers.

B. AFFECTED AIRPLANES:

From S/N 17001 up to S/N 20001 inclusive.

C. REASON:

Improvement of brake system bleeding.

D. REQUIRED ACTION:

1. Lift the aircraft and secure the tail (AMM, Chapter 07, latest revision).
2. Remove the main wheel fairings (AMM, Chapter 32, latest revision).
3. Remove the seats (AMM, Chapter 25, latest revision).
4. Put the suitable containers under the brake calipers.
5. On both calipers (4, Fig. 1), connect the drain hose to the bleeding screw (5) and put the free end into the containers. Release both bleeding screws (5).
6. Unscrew the cap from the brake fluid reservoir and remove the membrane (AMM, Chapter 32, latest revision).
7. Screw the Beringer jig on the brake fluid reservoir (Fig. 2).
8. Pump on the Beringer jig until all brake fluid has been drained into the containers.
9. Disconnect the brake hose fittings (3, Fig. 1) from calipers (4) by removing the banjo bolts (1) and the sealing rings (2). Remove the bleeding screws (5) from the calipers (4).
10. Screw the bleeding screws (5, Fig. 3) to the calipers (4) from the lower side.
11. Connect the brake hose fittings (3, Fig. 3) to the calipers (4) using sealing rings (2) and the banjo bolts (1) from the upper side.
12. Draw the free length of brake hoses under the seat and fix them.
13. Fill the brake fluid and bleed the brake system (AMM, Chapter 32, Rev. 3 or later revision).
14. Perform the brake system test and check the system for leaks.
15. Install the seats (AMM, Chapter 25, latest revision).
16. Install the main wheel fairings (AMM, Chapter 32, latest revision).
17. Remove tail stand and lower the aircraft (AMM, Chapter 07, latest revision).
18. Perform the test of braking effectiveness.
19. Record the compliance with this bulletin into aircraft documentation.

Fig. 1

Fig. 2

Fig. 3

E. COMPLIANCE:

At next brake fluid change.

F. WEIGHT AND BALANCE:

Not affected.

G. ACTION CARRIED OUT BY:

Approved Maintenance Organization.

H. COSTS COVERED BY:

Costs covered by aircraft owner, except of necessary material that will be supplied by aircraft manufacturer Aerospool spol. s r. o. free of charge.
Work time max. 0.5 hour (work time is related to the change of brake hoses connection).

I. NECESSARY MATERIAL:

Necessary material will be supplied on request by aircraft manufacturer Aerospool, spol. s r. o. For material purchase contact the airplane manufacturer's directly at spareparts@aerospool.sk.

Item	Part Name	Part Number	Quantity
1	SEALING RING (BERINGER HYD-005B)	N3326-005	4 pcs

J. DOCUMENTATION:

AS-AMM-01-000 Aircraft Maintenance Manual, Rev. 3 or later approved revision.

K. ENCLOSURES:

None.

L. APPROVAL:

This Service Bulletin was issued on the base of Minor Change Approval No. 10072698.

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