

	SERVICE BULLETIN SB600-2022-1	Revision: 2
		Date: 13.07.2022
<input type="checkbox"/> INFORMATION	<input type="checkbox"/> OPTIONAL/RECOMMENDED	<input checked="" type="checkbox"/> MANDATORY

This Service Bulletin revises SB600-2022-1, Revision 1, dated 11.07.2022.

A. SUBJECT:

Replacement of push rod end bearings in elevator and aileron control system.

B. AFFECTED:

DY-766D; DY-768D; DY-771D

C. REASON:

Due to a deviation in the manufacturing process some of the push rod end bearings (P/N: N3750-401, Aerospool batch number: 220321 and Aerospool batch number: 220621) that are marked by rod end supplier batch numbers 20078 (Fig. 1) and 21486 (Fig. 2) used in elevator and aileron control system may not meet the required strength specification.



Fig. 1



Fig. 2

☐ INFORMATION

☐ OPTIONAL/RECOMMENDED

☒ **MANDATORY**

D. REQUIRED ACTION:

1. Aileron control:

a. Aircraft **DY-766D** and **DY-768D**

Check the batch numbers at all push rod ends in the aileron control system (total 12 pcs, Fig. 3). Record observed **batch numbers** and **quantity** of rod ends of particular batch number found in the aileron control system. Each rod end bearing (P/N: N3750-401) with batch numbers 20078 (Fig. 1) and 21486 (Fig. 2) must be replaced for rod end bearing (P/N: N3750-001). Perform the disassembly and assembly of aileron control system joints according to AMM, Chapter 27-10.

Note: Disassemble only those joint where the batch number of rod end is not clearly readable.

b. Aircraft **DY-771D**

Replace all push rod end bearings (P/N: N3750-401) for rod end bearings (P/N: N3750-001) in the aileron control according to AMM, Chapter 27-10 (total 12 pcs). Affected push rod end bearings positions are shown in Fig. 3 (only RH side is shown, LH side is mirrored).

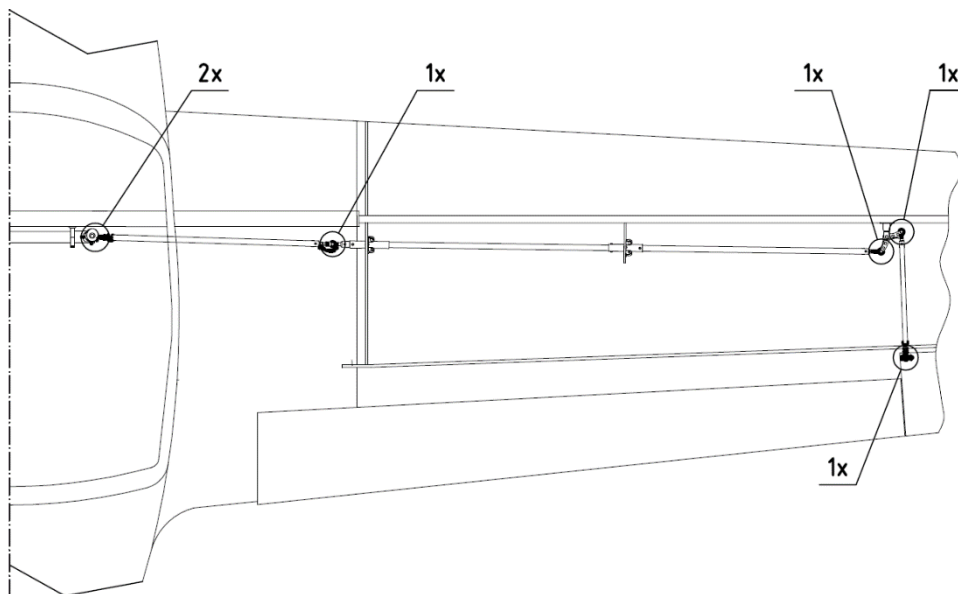


Fig. 3

☐ INFORMATION

☐ OPTIONAL/RECOMMENDED

☒ **MANDATORY**

2. Elevator control:

a. Aircraft **DY-766D** and **DY-768D**

Check the batch numbers at all push rod ends in the elevator control system (total 6 pcs, Fig. 4). Record observed **batch numbers** and **quantity** of rod ends of particular batch number found in the elevator control system. Each rod end bearing (P/N: N3750-401) with batch numbers 20078 (Fig. 1) and 21486 (Fig. 2) must be replaced for rod end bearing (P/N: N3750-001). Perform the disassembly and assembly of elevator control system joints according to AMM, Chapter 27-30.

Note: Disassemble only those joint where the batch number of rod end is not clearly readable.

b. Aircraft **DY-771D**

Replace the push rod end bearings (P/N: N3750-401) for rod end bearings (P/N: N3750-001) in the elevator control according to AMM, Chapter 27-30 (total 6 pcs). Affected push rod end bearings positions are shown in Fig. 4.

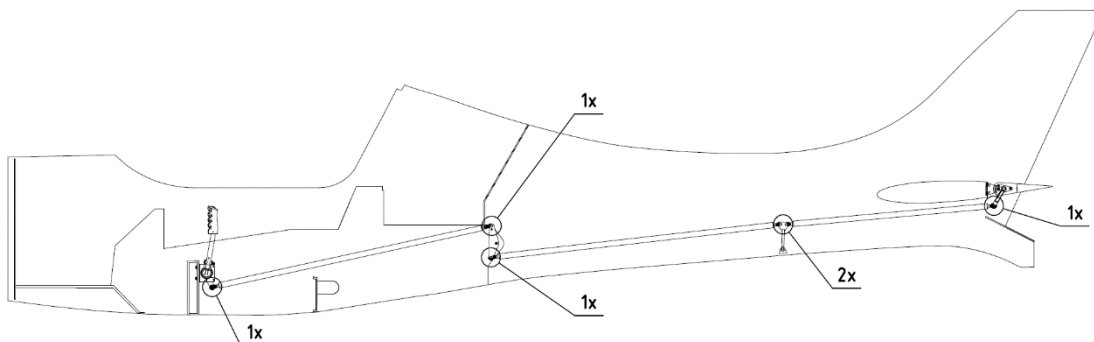


Fig. 4

3. Check the ailerons and elevator deflections according to AMM Chapter 27-10 and 27-30.
4. Only aircraft **DY-766D** and **DY-768D**: Report to the aircraft manufacturer (airworthiness@aerospool.sk) the aircraft serial number, **batch numbers** and **quantity** of rod ends of particular batch number found in the aileron and elevator control system.

E. **COMPLIANCE:**

Before next flight.

F. **WEIGHT AND BALANCE:**

Weight change: None.

Moment change: None.

	SERVICE BULLETIN SB600-2022-1	Revision: 2
		Date: 13.07.2022
<input type="checkbox"/> INFORMATION <input type="checkbox"/> OPTIONAL/RECOMMENDED <input checked="" type="checkbox"/> MANDATORY		

G. NECESSARY MATERIAL AND WORK TIME:

Material:

Necessary material will be supplied on request by manufacturer Aerospool, spol. s r. o. For material purchase contact the manufacturer directly at spareparts@aerospool.sk. Material will be supplied free of charge.

Item	Part Name	Part Number	Quantity
1	PUSH ROD END, FLURO GAXSW6	N3750-001	18 pcs

Work time: Not specified.

H. DOCUMENTATION:

AS-AMM-40-000 Aircraft Maintenance Manual, Rev. 0 or later approved revision

I. ENCLOSURES:

AS-AMM-40-000 R0, Chapter 27 - Flight Controls

J. APPROVED BY:



Jozef Šnirc

Technical Director

Position, Name, Signature