

Modification of Aircraft Serial Number DY-583/2016**A. SUBJECT:**

Modification of the aircraft Type from WT-9 Dynamic to aircraft Type WT 9 600 RG with MTOW 600 kg.

B. AFFECTED:

DY-583/2016.

C. REASON:

Aerospool spol. s r. o. issues this Service Bulletin in order to transfer the subjected aircraft from the type WT-9 Dynamic to the type WT 9 600 RG. After compliance with this service bulletin, the aircraft will become the type WT 9 600 RG and will comply with the Type Certificate No. 970-20 1 dated 13.03.2023.

For that purpose, the modifications listed in the section "D" must be performed.

D. REQUIRED ACTION:

Perform the following modifications of the aircraft:

1. Apply the reinforcements of fuselage shells and the reinforcements of side fuselage stiffeners according to drawing MDYN-101-012.
2. Apply the reinforcements around the opening in the rescue system board according to drawing MDYN-101-013.
3. Apply the reinforcements on the seats according to drawing MDYN-101-009.
4. Replace the origin main strap's anchors by the main strap's anchors DYN-160-01-1, install the washers DYN-160-10, install the consoles DYN-160-13-L and DYN-160-13-P according to drawing DYN-160ZP-C.
5. Bond the rescue system rocket Magnum 601 holders DYN-16003MZPLSA and DYN16002MZPLSA according to drawing DYN-107-G.
6. Apply the reinforcements of main spar under the attachment points for main gear drag strut according to drawing MDYN-101-011.
7. Perform the heat treatment of modified composite structures of airframe for 15 hours at temperature 55 °C.
8. Repair the paint of modified composite structures according to AMM.
9. Install the rescue system Magnum 601 S-LSA according to drawing DYN-160ZP-F.
10. Replace the origin elevator control rear stop by elevator control rear stop DYN-601-06-3 according to drawing DYN-601-I.
11. Replace the origin elevator control push rod 2 by elevator control push rod DYN-601-03-GB according to drawing DYN-601-I.
12. Weld the triangle stiffeners DYN-170-94-32 to the engine mount according to drawing DYN-170-104-ZP.
13. Replace the origin drag struts DYN-240-04-ZP and DYN-240-05-ZP by drag struts DYN-240-04-ZP6 and DYN-240-05-ZP6 according to drawing DYN-240ZP-B.
14. Replace the origin trailing links DYN-240-02-ZP or DYN-240-02-ZP6 or DYN-240-02-ZP6a or DYN-240-02-ZP6b by trailing link DYN-240-02-ZP6c according to drawing DYN-240ZP-B.
15. Replace the origin bolt DYN-240-25-ZP in connection of nose leg damper and trailing link by a bolt DYN-240-28-ZP according to drawing DYN-240ZP-B.
16. Replace the origin damper body in nose leg by damper body DYN-240-03-ZP-1 according to drawing DYN-240ZP-B.
17. Replace the origin damping elements and rings in nose landing gear by damping elements N3931-001 and rings DYN-240-06-ZPc according to drawing DYN-240ZP-B.

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18. Replace the origin nose leg DYN-240-01-ZP by nose leg DYN-240-01-ZP6 according to drawing DYN-240ZP-B.
19. Remove the origin pitot-static probe and install the pitot-static probe DYN-901-01-A according to drawing DYN-901-B.
20. Install the stall strips D574000040 and D574000050 according to drawing DYN-520-A.
21. Apply full-length fire-resistant insulation Pyrojacket PJ-08 of oil hoses. Apply Pyrosil PST-16 tape at the ends of fire-resistant insulation.
22. Install the canopy lock with safety latch and sensor according to DV WT9 10B / 2019.
23. Adjust the fuel reserve warning to 10 l per fuel tank and perform calibration of fuel quantity indication according to NDO-FORM5-004.1.
24. Adjust limitations and airspeed color marking in the EFIS and analogue instruments according to POH for WT 9 600 RG.
25. Update interior and exterior placards and markings according to drawing DYN-020-EN.
26. Perform pitot-static system leak test according to NDO-FORM5-050.1.
27. Perform measurement of control surfaces deflections according to NDO-FORM5-053.1.
28. Install the stainless-steel placard DYN-700-01-15 with the below information into the aircraft according to drawing MDYN-700-001. The original data plate shall remain in the aircraft.

AEROSPOOL, spol. s r. o.

This Aircraft has been modified according
to Service Bulletin No. **SBWT9-583-2025**

The Model designation has been changed
to **WT 9 600 RG**

Date of Modification / Work Report
dd.mm.yyyy / XXXXXXXX

Where:

dd.mm.yyyy

Date of finished modification

XXXXXXXX

Identification number of work order for the modification

29. Update the Equipment List of the aircraft.
30. Determine the weight and balance after modification according to NDO-FORM5-051.1.
31. Update information in the POH.
32. Record the compliance with this Service Bulletin into the aircraft documentation.

E. COMPLIANCE:

Optional.

F. WEIGHT AND BALANCE:

Weight change: Determine by weighing after modification.

Moment change: Determine by weighing after modification.

G. ACTION CARRIED OUT BY:

- Aircraft Manufacturer Aerospool, spol s. r. o

H. COSTS COVERED BY:

Aircraft owner.

Modification of Aircraft Serial Number DY-583/2016**I. NECESSARY MATERIAL AND WORK TIME:**

Material: Necessary material will be supplied by aircraft manufacturer
Aerospool, spol. s r. o.

Work time: Not established.

J. DOCUMENTATION:

New issue of:

AS-POH-40-000 Pilot's Operating Handbook

AS-POH-40-583 Pilot's Operating Handbook Supplement – Aircraft Equipment

K. ENCLOSURES:

None.

L. APPROVED BY:

This Service Bulletin is approved by aircraft manufacturer for aircraft type modification of individual aircraft.



Jozef Šnirc
Technical Director
Position, Name, Signature