

Modification of Aircraft Serial Number DY-511/2014**A. SUBJECT:**

Modification of the aircraft Type from WT9 Dynamic to aircraft Type WT 9 600 FG with MTOW 600 kg.

B. AFFECTED:

DY-511/2014.

C. REASON:

Aerospool spol. s r. o. issues this Service Bulletin in order to transfer the subjected aircraft from the type WT9 Dynamic to the type WT 9 600 FG. After compliance with this service bulletin, the aircraft will become the type WT 9 600 FG and will comply with the Type Certificate 969-20 1, issue 2.

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

D. REQUIRED ACTION:

Perform the following modifications of the aircraft:

1. Remove the origin carbon fork and replace with carbon fork DYN-240PP-02-A according to drawing DYN-240PP-B.
2. Remove the origin outer main gear ribs and bond the outer main gear ribs DYN-101PPL-32-A and DYN-101PPP-32-A according to drawing DYN-101PP-H.
3. Bond the reinforcements D531000300 and D531000310 between outer and inner main gear ribs according to drawing DYN-101PP-H.
4. Laminate the inner attachment of main gear legs according to drawing DYN-101PP-H.
5. Install the reinforcements of inner main gear ribs DYN-101-53 and DYN-101-54 according to drawing MDYN-101-010.
6. Replace the origin main gear legs by main gear legs D321100010 a D321200010 according to DYN-230PP-B.
7. Apply the reinforcements of fuselage shells and the reinforcements of side fuselage stiffeners according to drawing MDYN-101-012.
8. Apply the reinforcements around the opening in the rescue system board according to drawing MDYN-101-013.
9. Bond the rescue system rocket Magnum 601 holders D25600900A and D25600800A according to drawing DYN-107-D.
10. Perform the heat treatment of modified composite structures of airframe for 15 hours at temperature 55 °C.
11. Repair the paint of modified composite structures according to AMM.
12. Replace the origin main strap's anchors by the main straps anchor's DYN-160-01-1 and install the washers DYN-160-10 according to drawing DYN-160PP-D.
13. Install the rescue system Magnum 601 S-LSA according to drawing DYN-160PP-D.
14. Replace the origin elevator control rear stop by elevator control rear stop DYN-601-06-3 according to drawing DYN-601-E.
15. Replace the origin elevator control push rod 2 by elevator control push rod DYN-601-03-GB according to drawing DYN-601-E.
16. Modify the control of tow rope guillotine according to drawing DYN-125-A.
17. Remove the origin pitot-static probe and install the pitot-static probe DYN-901-01-A according to drawing DYN-901-B.
18. Install the stall strips D574000040 and D574000050 according to drawing DYN-520-A.
19. Apply full-length fire-resistant insulation Pyrojacket PJ-08 of oil hoses. Apply Pyrosil PST-16 tape at the ends of fire-resistant insulation.

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20. Install the canopy lock with safety latch and sensor according to DV WT9 10B / 2019.
21. Adjust the fuel reserve warning to 10 l per fuel tank and perform calibration of fuel quantity indication according to NDO-FORM5-004.1.
22. Adjust limitations and airspeed color marking in the EFIS and analogue instruments according to POH for WT 9 600.
23. Update interior and exterior placards and markings according to drawing DYN-020-EN.
24. Perform pitot-static system leak test according to NDO-FORM5-050.1.
25. Perform measurement of control surfaces deflections according to NDO-FORM5-053.1.
26. 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. **SBWT9-511-2025**

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

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

Where:

dd.mm.yyyy
XXXXXXXX

Date of finished modification

Identification number of work order for the modification

27. Update the Equipment List of the aircraft.
28. Determine the weight and balance after modification according to NDO-FORM5-051.1.
29. Update information in the POH.
30. 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.

I. NECESSARY MATERIAL AND WORK TIME:

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

Work time: Not established.

Modification of Aircraft Serial Number DY-511/2014**J. DOCUMENTATION:**

New issue of:

AS-POH-40-000

Pilot's Operating Handbook

AS-POH-40-511

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 Šnira
Technical Director

Position, Name, Signature