

Flight manual DG-1000S

0.1 Record of revisions continued

Rev. No.	Affected Pages/ section	Description	Issue Date	EASA Approval Date	Inserted Date Signature
8	0.5, 9.1-9.12	Electrically operated main landing gear TN1000/14	November 2008	28. January 2009	
9	0.6, 9.1, 9.2, 9.13	Special equipment for very small pilots TN1000/17	May 2010	20. July 2010	
10	0.2 – 0.5, 1.4, 1.5, 2.9, 2.10, 4.3, 4.5, 4.6, 4.8, 4.9, 4.12, 6.3 ÷ 6.6, 6.11, 7.1, 7.2, 7.8, 7.10, 7.12, 7.13, 9.7, 9.13	Manual revision TN1000/18	February 2011	13.05.11	
11	0.2, 0.5, 9.1, 9.2, 9.14, 9.15	Special equipment for aerobatics TN1000/20	March 2011	6.05.2011	
12	0.2, 0.5, 9.15	TN1000/20 Revision 1	June 2012	20.07.2012	
13	0.1 ÷ 0.5, 1.5, 2.7, 2.9, 4.6 4.8, 4.18, 5.2, 5.4, 6.4, 6.7, 7.10, 7.11, 7.13, 9.8, 9.12	Manual revision TN1000/24	October 2014	11.11.2014	
14	0.2, 0.3, 0.4, 1.4, 1.5, 1.6, 2.6, 2.8, 2.12, 4.3, 4.6, 4.13, 4.21, 5.4, 5.5	TN1000/25 18m winglets 17,2m end plates	February 2016	July 4, 2016	
15	0.2, 0.5, 7.8	TN1000/34 small nose wheel	October 2017		

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0.2 List of effective pages (cont.)

Section	Page	issued	replaced	replaced	replaced
7	7.1	March 2002	Febr. 2011		
	7.2	"	Febr. 2011		
	7.3	"			
	7.4	"			
	7.5	"	Febr. 2008		
	7.6	"	June 2004		
	7.7	"			
	7.8	"	Febr. 2011	Oct. 2017	
	7.9	"	Febr. 2011		
	7.10	"	Sept. 2003	Febr. 2011	Oct. 2014
	7.11	"	Oct. 2004	Oct. 2014	
	7.12	"	Febr. 2011		
	7.13	"	May 2008	Febr. 2011	Oct. 2014
8	8.1	March 2002			
	8.2	"			
	8.3	"			
	8.4	"			
	8.5	"			
	8.6	"			
9	9.1	March 2002	May 2010	March 2011	
	9.2	"	May 2010	March 2011	
	9.3	"			
	9.4	"			
	9.5	"			
	9.6	"			
	9.7	"	Febr. 2011		
	9.8	"	Oct. 2014		
	9.9	"			
	9.10	"			
	9.11	"			
	9.12	"	Oct. 2014		
	9.13	May 2010	Febr. 2011		
	9.14	March 2011			
	9.15	March 2011	June 2012		

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7.6 Landing gear

The DG-1000S is available with 3 different versions of the undercarriage:

- A) Very high, spring mounted, retractable main wheel with hydraulic disc brake, see diagram 7 M.M, tail wheel.
- B) High spring mounted retractable main wheel with hydraulic disc brake, see diagram 8 M.M, tail and nose wheel
- C) Spring mounted, fixed main wheel with disc brake, see diagram 9 M.M., tail and nose wheel.

The main undercarriages versions B and C are interchangeable.

a) **Main wheel:**

retractable, assisted by a gas strut (locked in retracted position by an overcentre locking device) or non retractable.

Spring mounted with steel compression springs, fully sealed landing gear box,.

Tyre: 380 x 150 6 PR, diameter 380 mm (15 in.),

Wheel: Tost 5" wheel with disc brake, width 134 mm, axle 30 mm

Tyre pressure: 2,5 bar (36 psi)

b) **Tail wheel:**

Tyre 200 x 50 6 PR, diameter 200 mm (7,87in.)

Wheel: Plastic hub with ball bearings, part. No. S23

Tyre pressure 4 bar (58 psi)

c) **Nose wheel** (only version B) and C):

Tyre: 260 x 85 6 PR, diameter 260 mm (10,2 in)

Wheel: Tost 4" wheel, width 85 mm, axle 20 mm

Tyre pressure: 2,5 bar (36 psi)

d) **Nose wheel** (only version B) and C)) when TM1000/34 is performed:

Tyre: Tost Aero Classic 210x65 4PR, diameter 210 mm

Wheel: Tost 3" Moritz II, width 50 mm, axle 20 mm

Tyre pressure: 2,5 bar (36 psi)

7.7 Tow hooks

See diagram 5 M.M.

Safety release "Europa G 88" for winch launch installed near the C.G.

"nose release E 85" installed in the fuselage nose for aerotow.

Both hooks are operated by the same handles.