

Subject: Installation of a GRP nose wheel fork

Concerned: G 115/ G 115A/ G 115B, all S/N's

Urgency: Optional

Procedure: Based on manufacturing reasons nose wheel forks made from aluminum are no longer available. Therefore in the case of replacement or repair only nose wheel forks made from GRP may be installed.

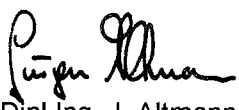
Actions: The nose wheel fork may be replaced in the following way:
1. Support the airplane at the fire wall according to MM Chap. 07-20.
2. Remove the nose wheel fairing and the nose wheel.
3. Exchange the nose wheel fork made from aluminum with a nose wheel fork made from GRP according to the drawing on page 2.

Material: The material may be ordered from GROB.

Weight and Balance: The mass of the GRP nose wheel fork is approx. 1,10 kg, instead of 1,30 kg for the aluminum nose wheel fork. The arm of the nose wheel fork is -1,065 m.

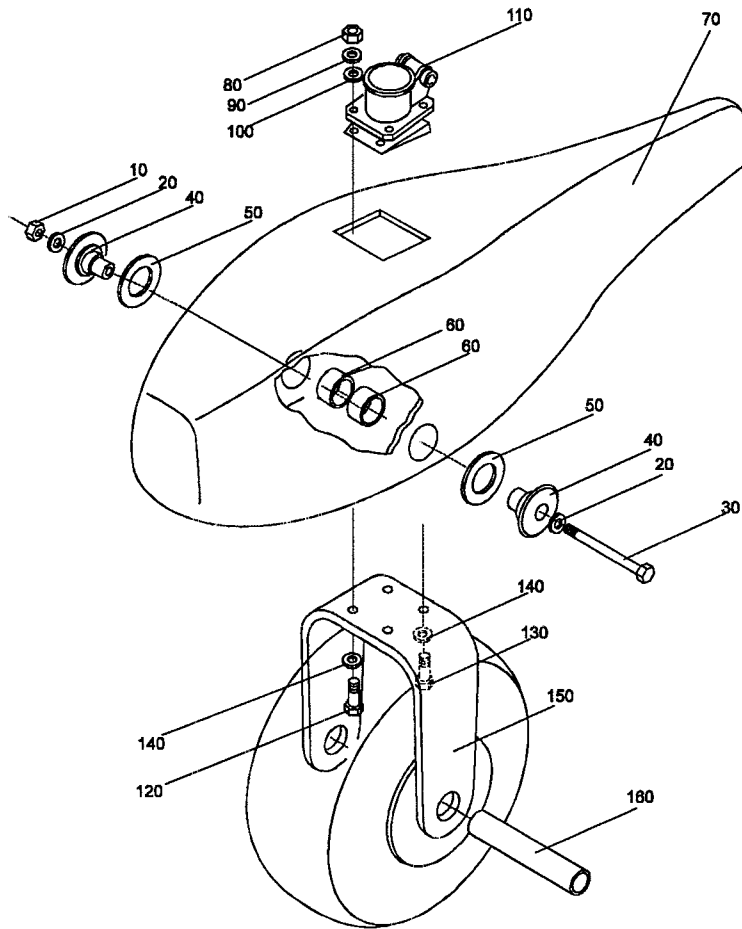
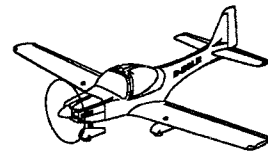
Remarks: If you have sold your aircraft in the meantime, would you kindly pass this information on to the new owner and forward his name and address and aircraft S/N to us.

Mattsies, 22 September 1993


Dipl.Ing. J. Altmann
(Certification Manager)

LBA approved:

This Service Bulletin is originally written in German and approved by the German LBA on the 14 July 1995. The translation has been accomplished to the best of our knowledge and judgement.



Item	Qty.	Part-Number	Designation	Item	Qty.	Part-Number	Designation
10	1	LN 9348 - M8	Hexagon nut	90	4	DIN 6319 - C8,4	Ball socket
20	2	LN 9025 - 8,4	Washer	100	4	DIN 6319 - D,4	Ball plate
30	1	DIN 931 - M8x130	Screw	110	1	115-5210)*	Flange
40	2	115-5200.15	Bushing	120	2	LN 9037-M8x36	Screw
50	2	115-5200.04	Ring	130	2	LN 9037-M8x42	Screw
60	2	115-5200.18	Washer	140	4	LN 9025-8,4	Washer
70	1	115-5260	Nose wheel fairing	150	1	115-5204	Nose wheel fork
80	4	LN 9348 - M8	Hexagon nut	160	1	115-5200.02	Axle

)*: According to SB 1078-15 and SB 1078-19 different flanges may be installed:

- 115-5210 or
- 115-5210/1 or
- 115-5210/2