

Subject: Inspection of the upper pulley wheel

Concerned: G 103 C TWIN III SL, S/N's 35001 - 35048

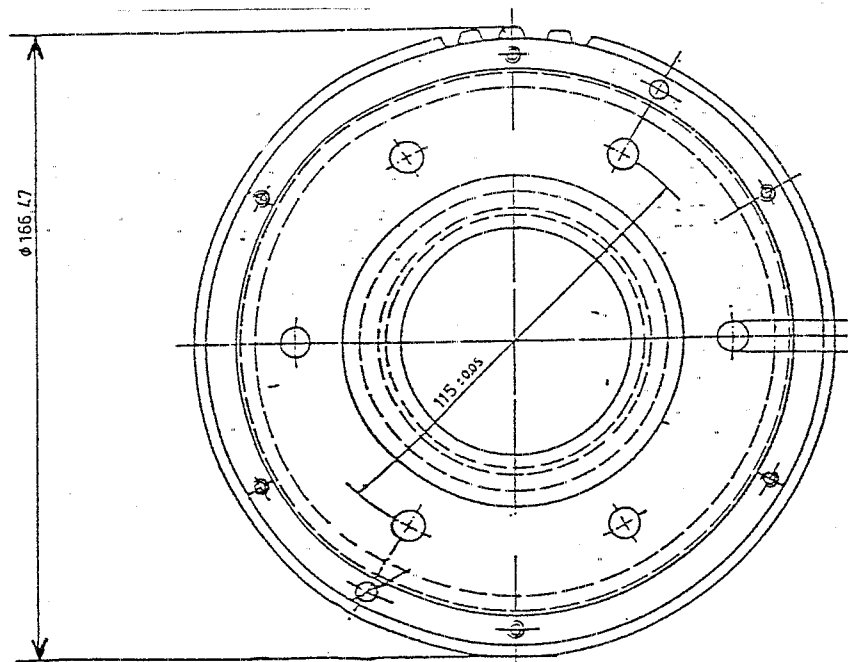
Urgency: before the next flight

Reason: During starting operation both propeller drive belts of a TWIN III SL failed. Although it was an individual case, an inspection for true measurement of the upper pulley wheel (diameter of the pulley wheel) is ordered as a security measure.

Procedure:

1. The diameter of the upper pulley wheel should be measured as follows:
 - a. Remove the R/H and L/H engine fairing.
 - b. Using a sliding caliper (minimum arm length 100 mm) measure the outer diameter of the pulley wheel between the drive belts. It may be beneficial to add round stock i.e. welding wire (approximately ϕ 3 mm) to the arms of the sliding caliper, to aid in making the diameter measurement easier.

Caution: Take care to include the wall thickness of the round stock in the final value of the pulley wheel diameter, if you choose to go this route!
If you have problems with the measurement, contact the manufacturer!



2. If the diameter of the pulley wheel is $166,47 + 0,1$ mm, no further actions are required.
3. If the diameter of the pulley wheel is greater than 166,6 mm, the pulley wheel must be exchanged according to the Maintenance Manual page 6.11.

Material:

1. The material can be obtained from the manufacturer with the attached Purchase Order free of charge.
2. Exchanged pulley wheels must be sent to the manufacturer for evaluation.

Weight
and Balance:

this is of no concern


Remarks:

1. The check must be performed by a competent person and certified in the log book by an authorized inspector.
2. The exchange of the pulley wheels must be performed at an authorized aviation work shop and certified in the log book by an authorized inspector.
3. If you have sold your motorglider 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.
4. Please send the attached "Operating Data Report" of your SL back to the manufacturer as soon as possible.

Mattsies, 05. August 1992

LBA approved

This Service Bulletin was originally written in German and approved by the German LBA on the 07. August 1992 and is signed by Mr. U. Kopp. The translation has been accomplished to the best of our knowledge and judgement. In case of doubt, the German original is authoritative.



Dipl.Ing. R. Rischer
(Airworthiness engineer
certification staff)