mt-propeller
ENTWICKLUNG GMBH

EASA DE.21G.0008
EASA.21J.020

Airport Straubing-Wallmühle
94348 Atting / Germany
Telefon 49-(0)9429-9409-0
Telefax 49-(0)9429-8432
E-mail: sales@mt-propeller.com

QUESTIONNAIRE

for the calculation of propellerdesign

January, 2010

(please mark check boxes and complete the form, thank you)

Date:

Contact Information:

1. Airplane ☐ **Motorglider** ☐ **Other** ☐

Name:
Manufacturer:
Max. T.O. Weight: lbs
Wing Area: ft²

2. Engine:

Name:
Take-off power: HP RPM
Max. continous power: HP RPM
No. of cylinders:
Configuration:
Gear Ratio (if applicable):
RPM restrictions:

3. Performance: flown ☐ calculated ☐

Max. horizontal speed (level flight, max. continous power)
at Sea Level: kts RPM
at ft kts RPM
Best Rate of Climb (S.L.): ft/min. kts
Vne: kts

4. Already tested propeller:

Type:
Diameter / (Pitch):
Static RPM at full throttle:

5. Desired propeller:

Fixed Pitch ☐ Ground adjustable ☐ Constant Speed ☐
If Constant Speed: Hydraulic ☐ Electric ☐
Principally designed for: Climb ☐ Cruise ☐
Allround ☐ Aerobatics ☐
Configuration: Tractor ☐ Pusher ☐
Rotation (view in flight direction): Lefthand ☐ Righthand ☐
Max. permissible diameter:
Number of Blades:
Engine flange type: bolt size:
De-Ice boots required: Yes ☐ No ☐
System Voltage:

6. Spinner design:

Spinner diameter: inch
Distance to flange: inch
Trim Angle: °
Nose form: pointed ☐ round ☐

Note: We are not responsible for any defects in design, that were caused by the supply of a faulty data!