



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

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# QUESTIONNAIRE

for the calculation of propellerdesign

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

Date:

1. Airplane  Motorglider  Other

Contact Information:

Name:

Manufacturer:

Max. T.O. Weight: lbs

Wing Area: ft<sup>2</sup>

Tel.:

Fax:

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: °

Spinner tip: pointed  round

7. Comments: