Engine type/size:

- ☐ P300-PRO
- ☐ P400-PRO
- ☐ P550-PRO

Application:

- ☐ UAV
- ☐ Other: _____

Single or multi-engine system

- ☐ Single engine system
- ☐ ___ engines per system

Power supply (8,4-14.5V):

- ☐ 2cell LiPo battery
- ☐ 3cell LiPo battery (default, recommended)
- ☐ 3cell LiFe battery
- ☐ 4cell LiFe battery
- ☐ 12V lead battery
- ☐ DC/DC converter or power supply with ____ Volt output voltage (30A peak power requirement)

Electrical generator required:

- ☐ Yes

  What is the purpose of the generator:

  - ☐ Recharge/buffering of engine supply battery
  - ☐ Supply/buffering of other onboard systems

    What are the electrical power requirements of the other onboard systems:

    Output Power: _____ W
    Output Voltage: _____ V

    - ☐ Stabilized voltage output required

- ☐ Nice to have, but not really required
- ☐ No

Control interface:

How do you want to control the engine (multiple selections are possible)

Serial interface (data reporting and engine control)

- ☐ RS232 (+/- 12V level)
- ☐ TTL level (3,3V/5V level)
- ☐ RS485 (current loop)
- ☐ Default data format: 8 databits, 1 stoppbit, no parity, 9600baud
- ☐ other data format, please specify: _____

CAN-Bus (data reporting and engine control)

- ☐ Protocol: CAN 2.0A, Bus frequency: 250kHz
- ☐ Other, please specify: Protocol: _____, Bus frequency: _____kHz

Servo PWM signal input for thrust/rpm control

- ☐ Servo PWM (3.3-7.0V level) for thrust control (0,8 - 2,2ms PWM, 15-150Hz rate)

Analog Signal for thrust/rpm control required

- ☐ Analog 0-5V input
- ☐ Other, please specify:_____

Other controls

- ☐ Please specify:_____

_____

Max operation altitude : _____ m

Max lateral acceleration : _____ g

Please return this questionnaire to:

Via Email: info@cat-ing.de

Via Fax: +49-7634-5056-801

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