

Return completed questionnaire to:
The Aerospace Corporation
Attn: J. Chang, M.S. M4-912
P.O. Box 92957
Los Angeles, CA 90009-2957

FLYWHEEL ROTOR SAFE-LIFE WORKING GROUP SURVEY

1. Is your organization directly engaged in the research and development of composite flywheel rotors used in space-flight flywheel ?

Yes _____ No _____

2. If yes, in what capacity?

Design _____ Manufacturing _____ Strength Analysis/Life-Prediction _____

NDI _____ Testing _____ Integration _____

End-Using _____ Others (Please describe) _____

3. Does your organization desire to participate in the government-industry working group (WG) to develop a flywheel rotor safe-life certification standard?

Yes _____ No _____

- 3a) If yes, is your organization willing to share your pertinent data with other WG members? WG members will be required to sign non-disclosure agreements.

Government Members _____ Industry Members _____

- 3b) If yes, what month in this year is your preference for the first WG meeting?

June _____ July _____ August _____

- 3c) If no, do you wish to participate in other ways?

Workshops _____ Receive WG Products _____

4. Has your organization been directly involved with other fracture critical composite structures/components for space application?

Yes _____ No _____

- 4a) If yes, what space system was the composite structure/component used for ?

Manned Systems _____ Unmanned Systems _____

- 4b) What was the compliance approach if it was used for a manned system?

Proof Test _____ Damage Tolerance Assessment _____

Other (Please describe) _____

- 4c) If by proof test, what were the test/environment conditions?

4d) If by damage tolerance assessment, what were the flaw types considered? Was the assessment performed by analysis or by test?

4c) What was the compliance approach if it was used for an unmanned system?

Proof Test _____ Fatigue Analysis/Test _____

Other (Please describe) _____

5. Is the approach applicable to spaceflight composite flywheel rotors? If not, why?

6. Please provide a point-of-contact for your organization:

Name: _____

Title: _____

Organization: _____

Mailing address: _____

Shipping address (if different): _____

Email: _____

Phone: _____

Fax: _____