

Ground Spring Design Data Form

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Company: _____ **Date:** _____

Contact: _____ **Title:** _____

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1.0 Industry: Aircraft Other _____

2.0 Application and function of spring: _____

3.0 Spring size: O.D. _____ I.D. _____

4.0 Spring function: Compression Extension Torsional

5.0 Ends: Open Closed

6.0 Spring Material: _____

7.0 Spring free length (x_0): _____ in

8.0 Working stroke (Axial): Compression Extension

8.1 X_{max} _____ in 8.2 X_{min} _____ in

9.0 Temperature: 9.1 Temp max. _____ °F 9.2 Temp min. _____ °F

10.0 Life: (Number of cycles) _____ Cycle conditions _____

11.0 Load opposing spring: _____ lbs

12.0 Spring rate: _____ lb/in

13.0 Media in contact with spring: _____

14.0 Sketch of spring: (If possible, also supply Kinemotive with drawings).

