

Background Information, Data Summary Sheet

Failure Description: _____ Page ___ of _____
Company Conducted for: _____ Case Number: _____
Personal Contact: _____ Date: _____
Phone _____ Fax _____ email: _____

General questions: _____

Description of application, environment, loading and history: _____

Maintenance record: _____

Failure conditions: _____

Fracture surface appearance: _____

Condition of surrounding parts: _____

Background Information, Data Summary Sheet

Failure Description: _____ Page ____ of _____

Company Conducted for: . _____ Case Number: _____

Date: _____

Failure rates: _____

Material specification (alloy, heat treat, surface plating/hardness, etc) _____

Manufacturing methods: _____

Any changes to design, manufacturing, or application? _____

Similar parts failing or not; describe. _____

Literature search results: _____

Background Information, Data Summary Sheet

Failure Description: _____ Page ___ of _____

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Date: _____

Sketch of failure scene and/or the failed part, failure surface (low power microscopy)

Other comments: _____

Data Summary Sheet

Failure Description: _____ Page ____ of ____

Conducted for: _____ Starting date: _____ Case Number: _____

Date	Ref*	Specifications and background	Date	Ref*	Observational data and test results

*Reference sources:

1 - Conversation with: _____	3- Personal observation	Others: _____
2- Literature: _____	4 - Testing	_____
	5 - Stress Analysis	