

Example Project Document

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Chapter 1

Abstract

This document shell is assuming that the user has a basic understanding of using LaTeX including adding figures, equations , and citations and referencing them in the document to make a coherent document.

Chapter 2

Introduction

Add an introduction to the report here.

Chapter 3

Define Objectives

Primary Objectives:

Secondary Objectives:

Chapter 4

Prior Work

Provide a literature survey of previous work done by you and others on this topic

Chapter 5

Project Schedule

The project schedule should give dates of the projected time the task will be started and completed

Chapter 6

Experimental Setup

6.0.1 Model Details

Give a full description of your model, include all dimensions in a computer animated drawing.

6.0.2 Load Cell Details

The wind tunnel has two options for the type of load cell you can choose. Please make a decision on the values given in the following tables.

Table 6.1: Load Cell Selection: Sensing Ranges

	Calibration	F_x, F_y (lbf)	F_z (lbf)
Delta	US-150-600	150	450
Gamma	US-30-100	30	100

Table 6.2: Load Cell Selection: Sensing Ranges

	Calibration	T_x, T_y (lbf-in)	T_z (lbf-in)
Delta	US-150-600	600	600
Gamma	US-30-100	100	100

Table 6.3: Load Cell Selection: Resolution

	Calibration	F_x, F_y (N)	F_z (N)
Delta	US-150-600	1/16	1/8
Gamma	US-30-100	1/40	1/20

6.0.3 Calculations of expected forces and moments

6.0.4 Static testing of the model

Table 6.4: Load Cell Selection: Resolution

	Calibration	Tx, Ty (Nm)	Tz (Nm)
Delta	US-150-600	3/16	1/8
Gamma	US-30-100	1/800	1/800

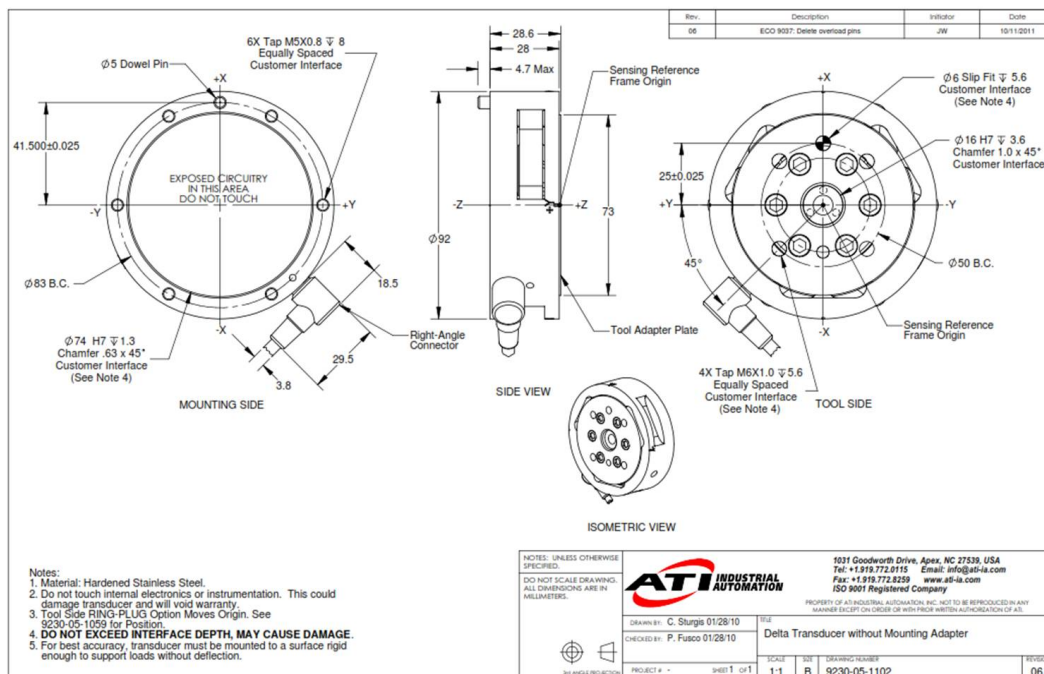


Figure 6.1: Delta load cel specs

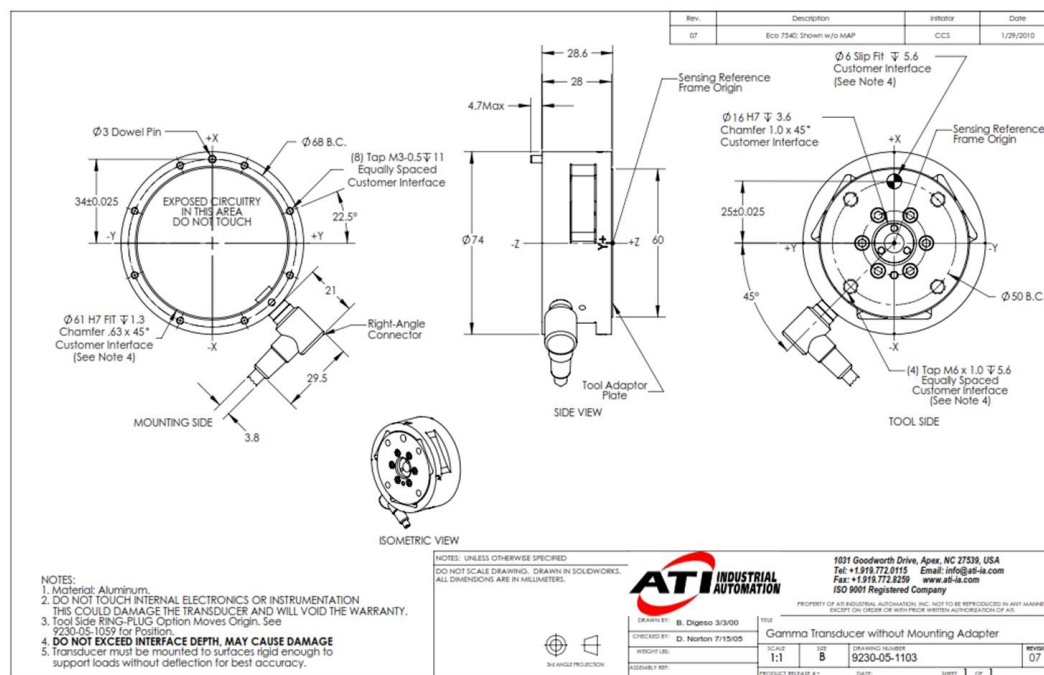


Figure 6.2: Gamma load cell specs

Chapter 7

Flow and Test Conditions

Add here what are the flow conditions and test conditions you want to run the experiments at.

For example - Reynolds number sweep, or angle of attack sweep etc. The best would be to use a matrix of test runs so that it can be optimized to reduce the number of runs.

Table 7.1: Test Matrix

Run	Reynolds Number	Wind Tunnel Fan RPM	Angle of Attack (deg)
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Chapter 8

Expected results and plots

Chapter 9

Conclusions

Bibliography

[Doe] *First and last L^AT_EX example.*, John Doe 50 B.C.