

A BIT ABOUT System Safety Services

System Safety Services is dedicated to assisting companies to operate Safer by reducing human error.

We believe that we must use all available tools to develop safety solutions. The **Fit For Work Indicator** is one very appropriate tool.

System Safety Services would be pleased to provide a briefing to any company that is interested in improving Safety by reducing the human error. **This briefing will be provided for costs only.**

System Safety Services will work with all of its clients until they are satisfied with the results so you have nothing to lose and a lot to gain.

System Safety Services has a team of industry experts who will ensure you are satisfied with the results.

We are serious about working to make our industry Safer. Are you? Give us a call.



Your employees don't intend to make an error so give them the training and the atmosphere (a SMS) that will assist them in avoiding *Human Errors*.

Introduction to Safety Management System Part 1



The probability of being killed in an aircraft accident varies from 1 in 260,000 flight hours to 1 in 11,000,000. This is a difference of 42 times. The difference depends on the **Safety culture** of the company. A Safety Management System helps shape your company Safety culture.

What is a **Safety Management System**?

It is a formal, systematic, accident prevention program, that manages the Safety risks through ALL aspects of the company.

Gordon Dupont

For some companies this may require a paradigm shift while for others it just calls for formalizing what they are already doing.

With the requirement for an accountable executive that must be able to demonstrate that they have exercised "Duty of Care" and "Due Diligence," a Safety Management System becomes a must. Let us show you how this can be done simply and economically.



All our workshops aim for **Full**
on our **Fun-O-Meter**
We work to ensure that
Learning Can Be Fun



Introduction to Safety Management System Part 1



The next step to reducing
aviation accidents and
human error

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Our Mission
To assist our clients in developing
the best possible Safety system
to meet their needs



A BIT ABOUT THE DEVELOPER

Gordon Dupont worked for Transport Canada from 1993 to 1999 as a Special Programs Coordinator. In this position he

was responsible for coordinating with the aviation industry in the development of programs that would serve to reduce maintenance error. He led the development of Human Performance in Maintenance (HPIM) Part 1, 2 and 3 workshops. The “Dirty Dozen” error causes were an outcome of HPIM Pt. 1.

Gordon also worked for seven years as an accident Investigator for the Canadian Transportation Safety Board where he saw first hand the tragic results of Human error.

Gordon:

→ was principal of an aviation vocational training school

→ Chief Engineer for a corporate turbine aircraft.

→ held Aircraft Maintenance Engineer and Commercial pilot’s licences in Canada, United States and Australia.

→ is the past president and founding member of the Pacific Aircraft Maintenance Engineers Association.

→ is a founding member and director of the Maintenance And Ramp Safety Society (MARSS).

→ has worked on and held signing authority on aircraft from the Piper Cub on floats through to the Boeing 747.

In his spare time, Gordon has rebuilt a number of aircraft and still owns a pile of parts stored in his hangar that will one day fly again as a Stearman.

Gordon is now a private safety consultant and has developed a Safety Management System model that has been used successfully by many aviation companies.

Introduction to Safety Management System (SMS) Part 1

This one day workshop is designed to introduce all personnel to a Safety Management System or SMS. It is based on a model developed in 1995 to show where human factors training fits into Safety.

The participants learn the components of a SMS and their role in it.

The workshop is informative, interactive and entertaining. It contains the following chapters.

1) Workshop Objective and Outline.

This chapter is the motivator and explains why SMS has become so important now.

2) A Safety Management System (SMS)

A model is introduced that illustrates the main components of a SMS. The chapter goes on to explain the key component: Human Factors Training and why it is vital to success.

3) Company Culture

The main purpose of SMS is to help ensure that the company culture is a “Safety Culture.” An understanding of what is a true “Safety Culture” is covered.

4) Human Factors Incident Investigation

The What and Why of incident investigation is covered as well as the purpose of discipline. Incident Data Analysis, Feedback and Emergency Response Plan is also part of this chapter.

5) Managing the Risk

Managing risk is an important component of any SMS and a model is introduced that factors in the Benefit as well as the Probability and Severity.

Case Studies

Two case studies are provided that enable the participants to practice some of what they have learned.

Appendices

The appendices contain a SMS starting checklist as well as sample material they can use for reference. A CDROM with a sample data analysis computer program is provided for possible use. The following is the model used to develop a SMS.

We are here to assist you

System Safety Services

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