

FLIGHT DATA MONITORING WORKSHOP

HELI-EXPO 2009



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WHY ARE WE HERE?



REDUCE ACCIDENTS...SAVE LIVES!!!

JHSAT Standard Problem Statements:

U.S. Joint Helicopter Safety Analysis Team: Year 2000 Report

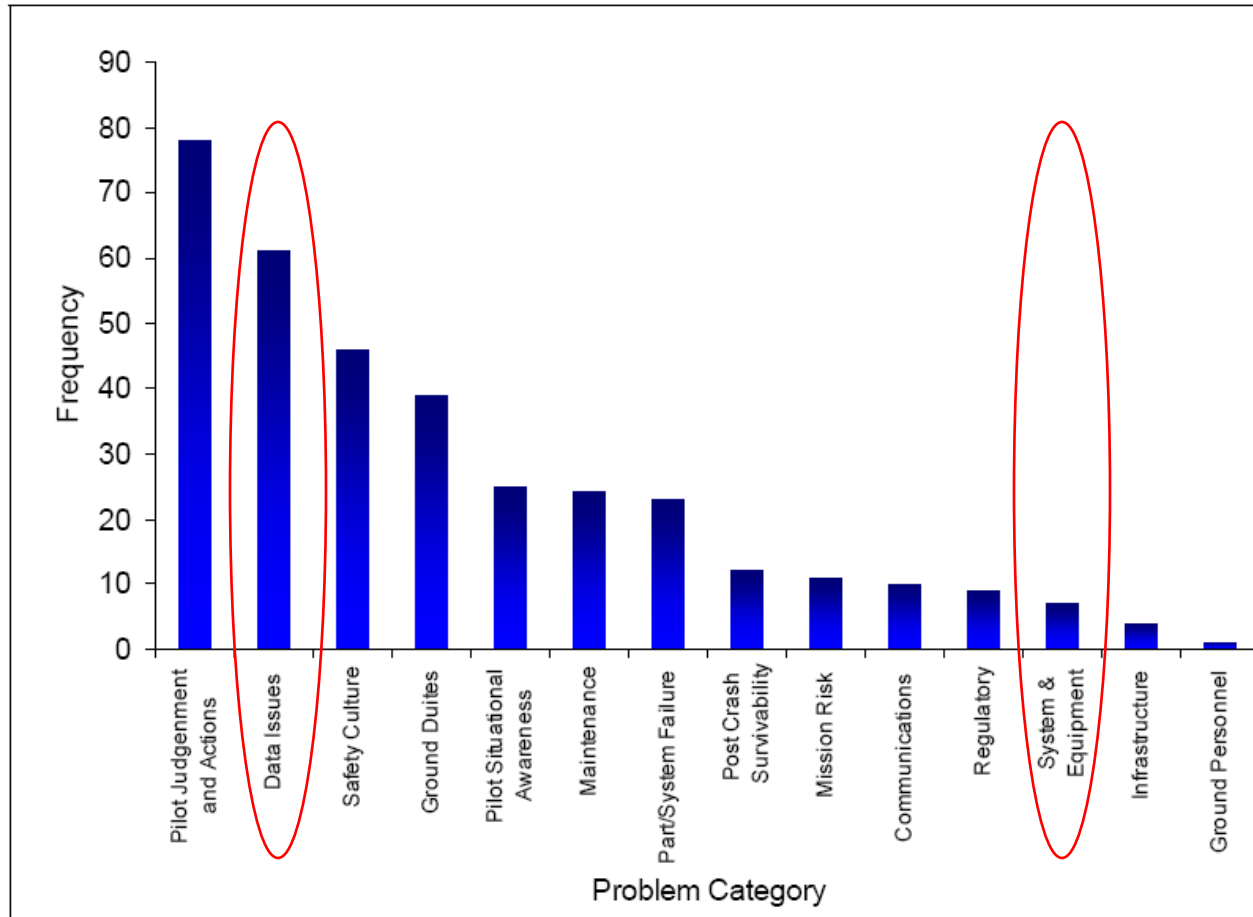
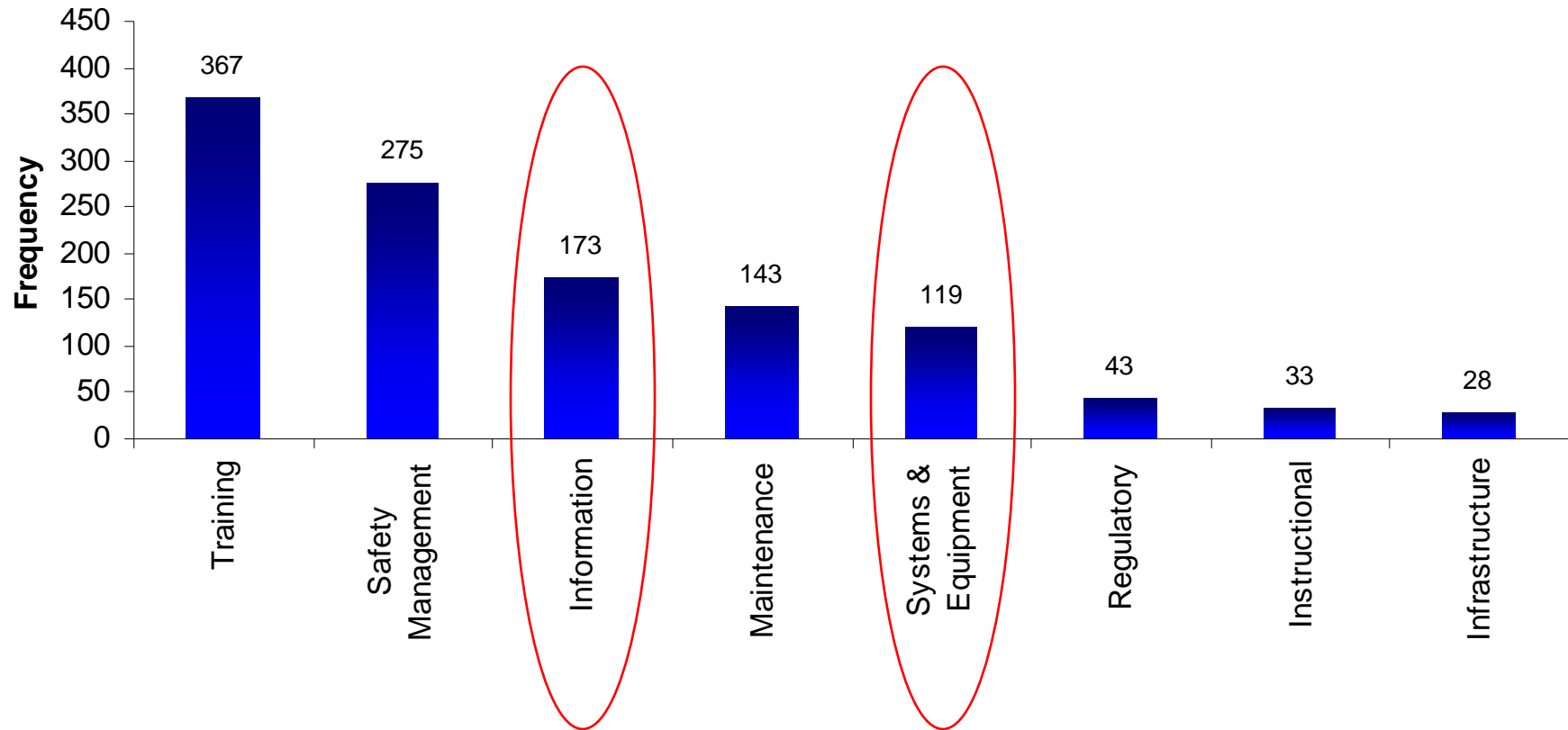


Figure 6-8. Percent of Accidents in which Problem Categories were identified at least once

JHSAT Intervention Categories



US JHSAT Recommendations:

- Utilize **flight data monitoring** systems such as HOMP or FOQA to evaluate flight operations and to address unsafe/undesirable flight crew habits.
- Install flight data retrieval systems such as:
 - Cockpit image recorder
 - Flight parameter recorder
 - Cockpit information recorder
 - Quick Access Recorder (QAR)
 - Multi-function data acquisition unit (MFDAU)
 - Cockpit voice flight data recorder (CVFDR)

Source: Year 2000 U.S. JHSAT Report

FLIGHT DATA MONITORING:



HOW CAN YOU FIX WHAT YOU DON'T KNOW?

HOW CAN YOU IMPROVE WHAT YOU DON'T MEASURE?

QUESTIONS YOU MAY HAVE (AND WE HOPE TO ANSWER):

- WHAT IS FDM, FOQA, HOMP, LAMP, ETC...?
- HOW WILL FDM BENEFIT MY ORGANIZATION?
- WHAT ARE THE DIFFERENCES BETWEEN AN FAA APPROVED PROGRAM VS. A NON FAA APPROVED PROGRAM?
- HOW DO I CHOOSE THE RIGHT EQUIPMENT FOR MY FLEET?
- WHO SHOULD MANAGE THE DATA?
- HOW DOES FDM AFFECT PILOTS?
- DO I HAVE TO HAVE AN SMS TO USE FOQA?