

INTRODUCTION

The Federal Aviation Administration is sponsoring a series of meetings to address issues of human factors in aviation maintenance and inspection. Each meeting in this series addresses a particular topic of relevance for air carrier maintenance. This report presents proceedings of the sixth of these meetings, held in January 1992, and was directed toward "Maintenance 2000." The objective of the meeting was to preview, to the extent feasible, issues likely to confront air carrier maintenance in the year 2000.

The topic for this meeting was selected in recognition that new and heavier demands will be placed on air carrier maintenance in the coming decade. Commercial aviation will grow; more sophisticated aircraft will be introduced into the carrier fleet; increasingly complex diagnostic and repair systems will come into use. Eleven presentations addressed current problems and trends in air carrier maintenance, new technologies being introduced into the workplace, and issues considered important for the future.

"Conclusions and Recommendations" of the meeting are presented just after the "[Welcome Address](#)" and "[Meeting Objectives](#)" presentations. These conclusions and recommendations are based on a panel session held at the end of the meeting plus a review of the transcripts of each presentation and ensuing discussions.

An edited version of each presentation, taken for the most part from taped transcripts, is presented as [Appendix A](#).