ACN25090/5

DOT/FAA/CT-ACN25090/5

MAINTENANCE MANAGEMENT SYSTEM (MMS)

VERSIONS A03.24 AND A03.25

LETTER OF FINDINGS

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Library, Atlantic City International Airport, N.J. 08405

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1. INTRODUCTION.

This Letter of Findings details the ACN-250 test results of the Maintenance Management System (MMS), versions A03.24 and A03.25.

1.1 PURPOSE.

The purpose of the test was to verify the following:

a. The software and its supporting documentation are consistent;

b. Software modifications, to correct problems detailed in the Program Technical Reports (PTRs) for versions A03.24 and A03.25, have been implemented as described in the Version Description Document for the Maintenance Management System (CSCI) (Versions A03.24 and A03.25) of RMMS Maintenance Processor Subsystem;

c. Functionality of the software is not impaired due to software enhancements or modifications; and

d. Exceptions noted in the NAS Operational Test and Evaluation (OT&E)/Integration of the MMS, version A03.2, have been corrected.

1.2 DATE.

ACN-250 conducted the test from October 5 through October 9, 1990.

1.3 LOCATION.

ACN-250 conducted the test on the ACN-250 Maintenance Processor Subsystem (MPS), at the Federal Aviation Administration (FAA) Technical Center, Atlantic City International Airport, N.J.

1.4 PARTICIPANTS.

C. Krouse (ACN-250) and E. Palka (CTA) conducted the test.

2. VERSIONS A03.24 AND A03.25 TEST RESULTS AND RECOMMENDATIONS.

2.1 RESULTS.

The changes described in 3.8 of the Version Description Document for versions A03.24 and A03.25 were made.

2.2 RECOMMENDATIONS.

ACN-250 has no recommendations.

3. VERSION A03.2 EXCEPTIONS TEST RESULTS.

Exceptions noted from the NAS OT&E/Integration of the MMS, version A03.2, were retested to ascertain if they were corrected in versions A03.24 and A03.25. The following minor exceptions remain:

a. When the user retrieves a record, MMS displays various messages. Some subsystems, such as the Logging Activity (LOG) Subsystem, display the message RETRIEVING LOG RECORD. The Facility/Service File Update Module (FFA) displays the message OPERATION SUCCESSFUL. The Equipment Detail File Update Module (FEQ) displays no message when a record is retrieved. The PM Master File Update Module (PMM) displays the message RECORD RETRIEVED. All subsystems should display the same message when a record is retrieved.

b. The use of function key SF14 and all other available function keys from the Electronic Message System Help screen should be explained in the MMS System Administrator's Guide.

c. In the MMS User's Manual, dated February 1990, paragraph 3.5 and figure 3-4 refer to the "MMS Main Menu" and the "MMS Main Menu Screen," respectively. For consistency, the Screen Title Area for the MMS Main Menu, in both the documentation and the software, should contain the words MAIN MENU, and not SYSTEM ACCESS.

d. In regard to Software Problem Report (SPR) #1977, facility type RMCF has not been removed from the Facility Types table that the FSEP Validation Server (FVLO) accesses. In regard to SPR #1951, the "?" that should be printed under the appropriate OTHER or TELCO category for the LNDETRP, R60407, and R60407D reports within the Report Generation Subsystem was not observed.