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DISCREPANCY REPORT FOR THE MODEL 1, PACKAGE 2, DATA BASE OF THE FLIGHT SERVICE AUTOMATION SYSTEM

FEDERAL AVIATION ADMINISTRATION

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DATA REPORT

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1. INTRODUCTION.

1.1 PURPOSE.

This document is part of an ongoing effort in the development of a data base for the Flight Service Automation System (FSAS). It identifies missing data, data input, and data collection problems for Model 1, Package 2. This document identifies the initial problems encountered and will be expanded when the FSAS contractor with his unique requirements is selected.

2. DISCUSSION.

2.1 MISSING DATA.

- a. All contractor design dependent data.
- b. Teletype address and computer identification for each Flight Service Data Processing System (FSDPS). Sample identifiers were used to compile a data base.

2.2 DATA INPUT DISCREPANCIES.

- a. Missing data for flight plans were common during data collection. RFA 012 addressed the problem of fields for Fuel on Board (FB), Number of Persons on Board (NB), and Color of Aircraft (CR) not being optional. This data was frequently omitted in submitted prestored flight plans.
- b. The FSAS use of the Addressee/Closure Point (CP) field was confusing to Flight Service Station (FSS) personnel during data collection.
- c. Duplicate prestored flight plans had to be resolved by the data base team.
- d. Some or all of the data in the following nonsite-dependent files require manual input:

LOCFIX - Non-U.S. airports

SEQUE - All except military training areas and parachute jump areas

2.3 DATA COLLECTION DISCREPANCIES.

- a. Some data were not received at the expected time or in the expected format. This will be corrected with experience.
- b. Data that are not site/program-dependent (i.e., preferred routes, non-U.S. airports, etc.) and are not available from an automated source will have to be maintained via manual input.
- c. With the exception of prestored flight plans, all site-dependent data were composed by the data base team. It will be necessary for Air Traffic Service to establish procedures for the collection and input of this data.

3. BIBLIOGRAPHY.

DiNofrio, J., Brodie, W. Jr., and Page, R., Data Identification Document for the Model 1, Package 2, Data Base of the Flight Service Automation System, Technical Center Data Report, DOT/FAA/CT-81/169, September 1981.

DiNofrio, J., Brodie, W. Jr., and Page, R., Update Procedures for the Model 1, Package 2, Data Base of the Flight Service Automation System, Technical Center Data Report, DOT/FAA/CT-81/170, September 1981.

DiNofrio, J., Brodie, W. Jr., and Page, R., Data Dictionary for the Model 1, Package 2, Data Base of the Flight Service Automation System, Technical Center Data Report, DOT/FAA/CT-81/172, to be published.

DiNofrio, J., Brodie, W. Jr., and Page, R., Adaptation Data Logical Characteristics Document for Model 1, Package 2, of the Flight Service Automation System, Technical Center Data Report, DOT/FAA/CT-81/178, to be published.