

COPY 2

Report No. DOT/FAA/CT-81/171

100-100-2059

ct
81
171

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

FEDERAL AVIATION ADMINISTRATION

**John DiNofrio
William Brodie, Jr.
Richard Page**

SEP 17 1981

TECHNICAL CENTER LIBRARY
ATLANTIC CITY, NJ 08405



FAA WJH Technical Center
Tech Center Library
Atlantic City, NJ 08405

DATA REPORT

SEPTEMBER 1981

**AVAILABLE IN
ELECTRONIC FORMAT**

Prepared for
**U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
TECHNICAL CENTER
Atlantic City Airport, N.J. 08405**

Technical Report Documentation Page

1. Report No. DOT/FAA/CT-81/171	2. Government Accession No.	3. Recipient's Catalog No.	
4. Title and Subtitle DISCREPANCY REPORT FOR THE MODEL 1, PACKAGE 2, DATA BASE OF THE FLIGHT SERVICE AUTOMATION SYSTEM		5. Report Date September 1981	
		6. Performing Organization Code	
7. Author(s) John DiNofrio, William Brodie, Jr., and Richard Page		8. Performing Organization Report No. DOT/FAA/CT-81/171	
9. Performing Organization Name and Address Federal Aviation Administration Technical Center Atlantic City Airport, New Jersey 08405		10. Work Unit No. (TRAIS)	
		11. Contract or Grant No. 132-402-284	
12. Sponsoring Agency Name and Address U.S. Department of Transportation Federal Aviation Administration Technical Center Atlantic City Airport, New Jersey 08405		13. Type of Report and Period Covered Data Report November 1980	
		14. Sponsoring Agency Code	
15. Supplementary Notes			
16. Abstract 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.			
17. Key Words Flight Service Automation System Flight Service Data Processing System Data Discrepancies		18. Distribution Statement	
19. Security Classif. (of this report) Unclassified	20. Security Classif. (of this page) Unclassified	21. No. of Pages 5	22. Price

TABLE OF CONTENTS

	Page
1. INTRODUCTION	1
1.1 Purpose	1
2. DISCUSSION	1
2.1 Missing Data	1
2.2 Data Input Discrepancies	1
2.3 Data Collection Discrepancies	1
3. BIBLIOGRAPHY	2

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.