

National Transportation Safety Board

Office of Aviation Safety

Washington, DC 20594



ERA24LA099

UAS DATA MONITOR FACTUAL REPORT

02/14/2024

TABLE OF CONTENTS

A.	ACCIDENT	3
B.	UAS DATA MONITOR FACTUAL REPORT	3
C.	SUMMARY	3
D.	DETAILS OF THE EXAMINATION	3
1.0	DATA RECOVERY.....	3
2.0	DATA DESCRIPTION.....	4
APPENDIX 1 – SCREENSHOTS OF WEP_20240118_1606_27100062.DAT CHARTS.....		4
APPENDIX 2 – TELEMETRY_PRIMARY.CSV		4

A. ACCIDENT

Location: La Grange, Georgia
Date: January 18, 2024
Time: 1123 EST
Airplane: SwissDrones SDO 50 V2

B. UAS DATA MONITOR FACTUAL REPORT

Specialist Kurt Gibson
NTSB
Washington, D.C.

C. SUMMARY

On January 18, 2024, at 1123 eastern standard time, a SwissDrones Operating SDO 50 V2, N780PA, was substantially damaged when it was involved in an accident near La Grange, Georgia. There were no injuries. The unmanned aircraft system (UAS) was operated as a Title 14 *Code of Federal Regulations* Part 91 instructional flight.

.

D. DETAILS OF THE EXAMINATION

The following device was downloaded:

Device Manufacturer/Model: SwissDrones Avionik Unit

1.0 Data Recovery

The device was undamaged and was downloaded normally using the manufacturer's software by the operator.

2.0 Data Description

The data extracted contained the following files: telemetry_primary.csv, telemetry_backup.csv, blackBox.txt, Flight Plan.flightplan, and mission.mission, and wep_20240118_1606_27100062.dat.

The data files were sent to SwissDrones for further extraction of the wep_20240118_1606_27100062.dat file due to needing specialized software. See attached Appendices for additional details.

Submitted by:

Kurt Gibson
Aviation Accident Investigator

APPENDIX 1 – SCREENSHOTS OF WEP_20240118_1606_27100062.DAT CHARTS

APPENDIX 2 – TELEMETRY_PRIMARY.CSV