

NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

February 6, 2020

Global Positioning System

Factual Report
By Joshua Lindberg

1. EVENT SUMMARY

Location: Chadron, NE
Date: July 24, 2019
Aircraft: Beech 95-B55 (T42A) Baron
Registration: N8910U
Operator: Private
NTSB Number: CEN19FA236

2. DETAILS OF INVESTIGATION

The following device was downloaded:

Device Manufacturer/Model: Garmin GPSmap 396
Serial Number: 28214581

2.1. Data Recovery

The device sustained external damage but was downloaded normally using the manufacturer's software. Figures 1 and 2 show the front and back of the device.



Figure 1 – Front of device with damage to the screen



Figure 2 – Back on device

2.2. Data Description

The units recording feature was turned off and the device contained no tracklogs. When the unit was powered on, the main pages were displayed. The different pages are exhibited below.

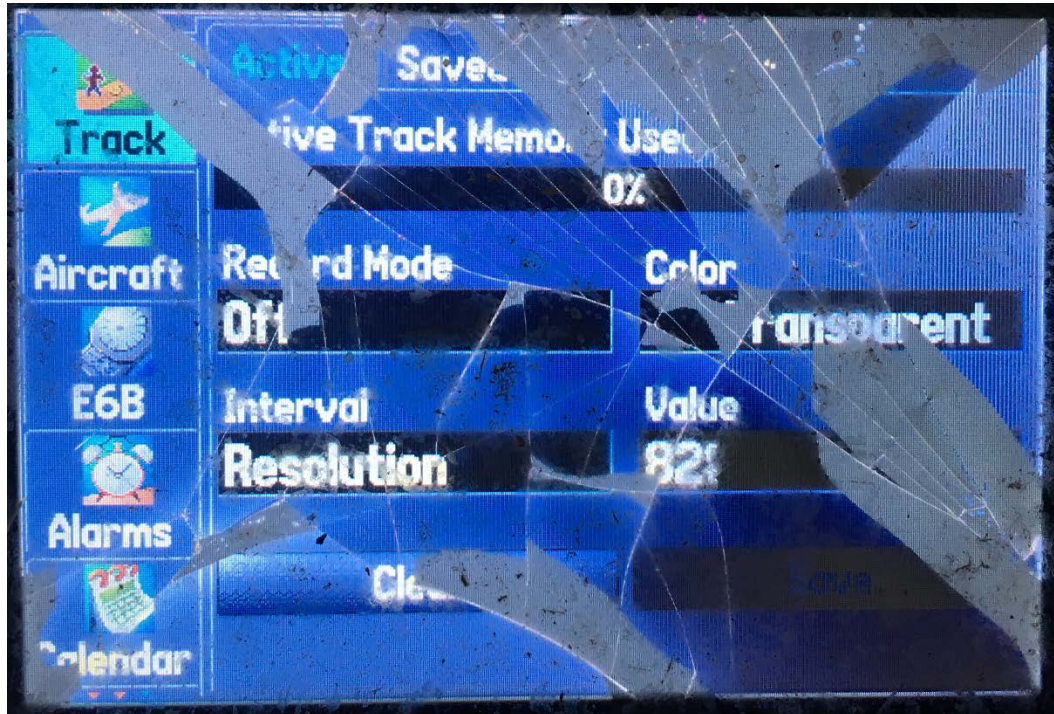


Figure 3 – Track Page, Record Mode Off

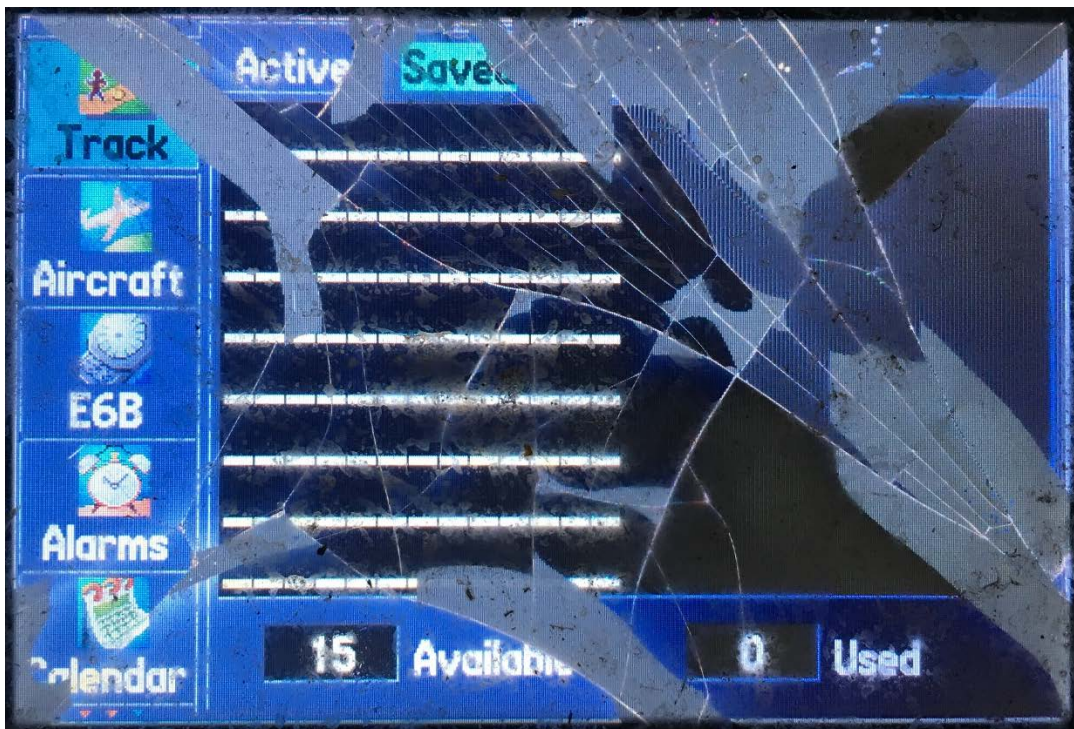


Figure 4 – Track log page empty

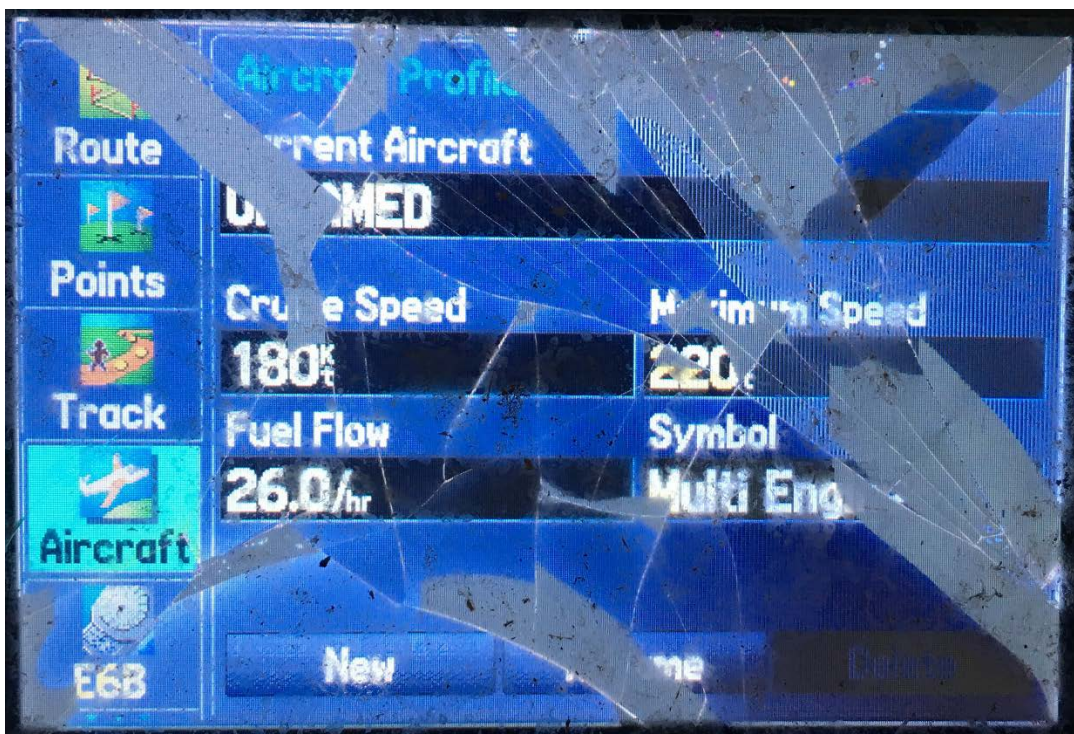


Figure 5 – Aircraft profile page

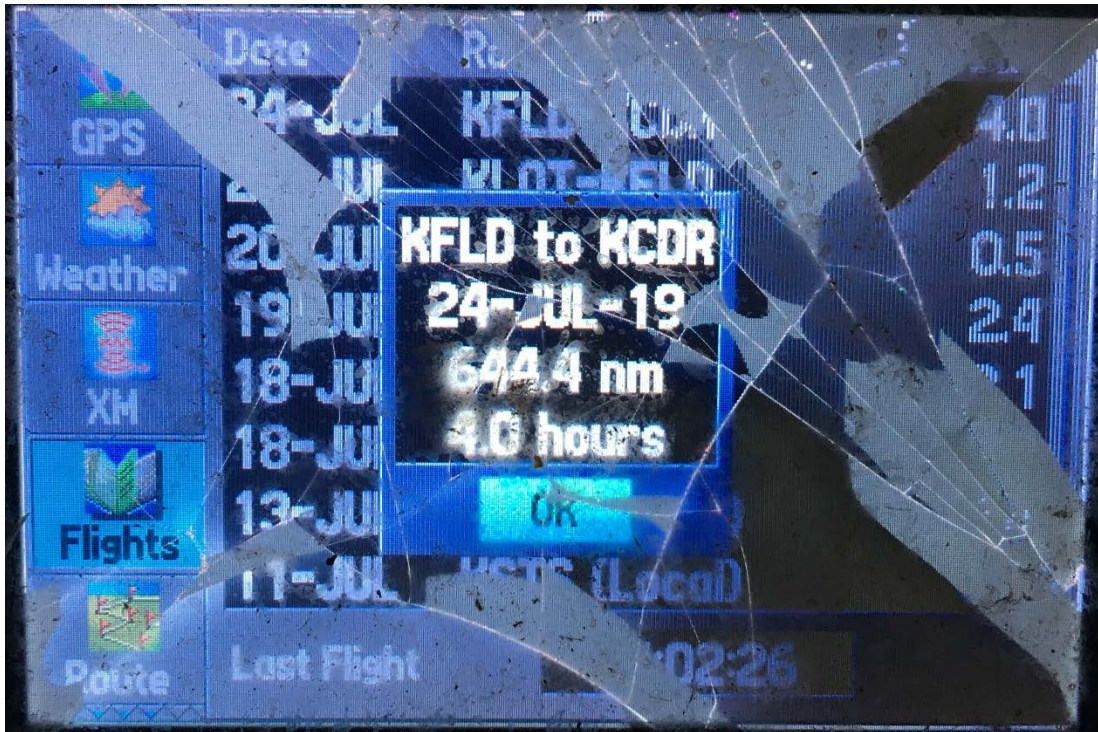


Figure 6 – Accident flight details (no recording)

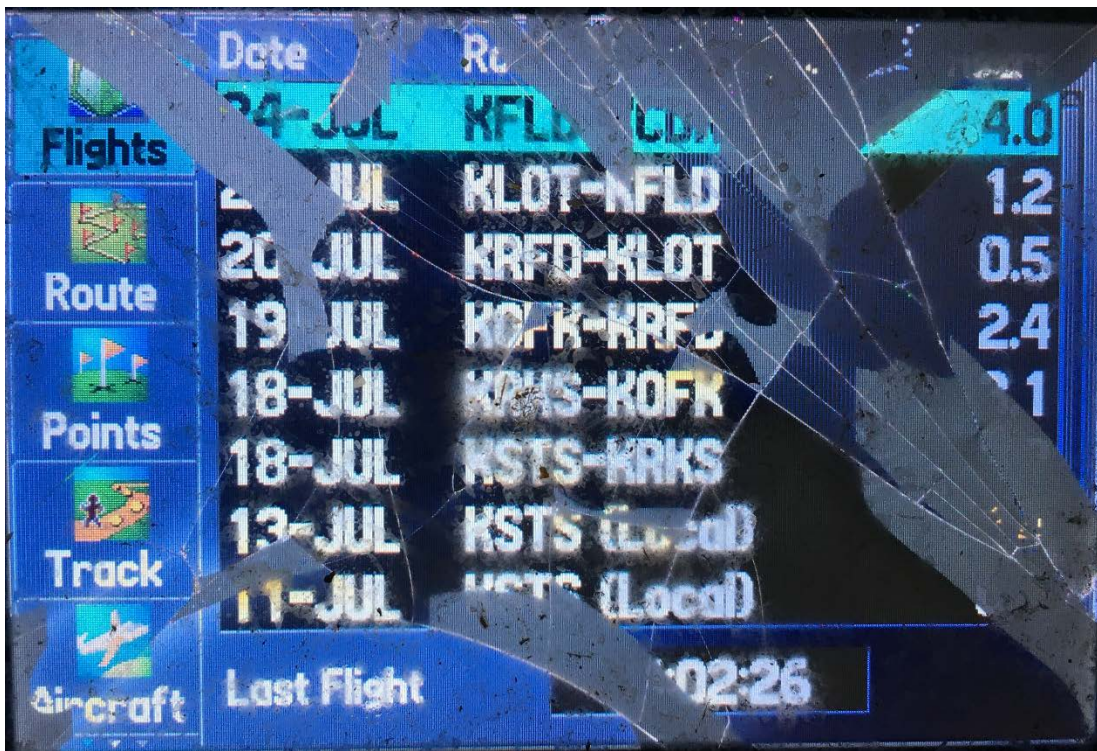


Figure 7 – Recent flights (no recording)

	Date	Route	Distance
Flights	20-JUL	KRFD - LUH	0.5
	18-JUL	KCFK-KRFD	2.4
Route	18-JUL	KRKS-KCFK	3.1
	18-JUL	KSTS-KRKS	3.8
Points	13-JUL	KSTS (Local)	2.4
	11-JUL	KSTS (Local)	
Track	21-JUN	KSTS (Local)	
	20-MAY	KSTS (Local)	
Aircraft	Last Flight	02:26	

Figure 8 – Recent flights (no recording)