

From: [REDACTED]
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: NTSB - Request for Dealer Contact Information - N602TG
Date: Wednesday, May 17, 2023 11:49:12 AM
Attachments: [REDACTED]

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Dear Mr. Aaron,

I hope you are well. I would like to inform you about result of our investigation and accident reconstruction according efis data you provided to us. Please follow this link - [REDACTED]

Below you can see test pilot comment too.

In case any questions please do not hesitate to contact me any time.

Best regards

Vaclav Bervid (CEO)

TEST PILOT COMMENT: *Based on my personal pilot-experience with Airplane M8-Eagle and all data downloaded from Dynon installed on this airplane, visualized in X-Plane I want to write following comment:*

All time was all recorded data in accordance to the expectation

- looks like roll axes of the inertial system was not calibrated, but this is not an issue for the accident

- engine data, RPM, FuelFlow, FuelPressure are in correlation and relevant to the IAS

- engine was working until the propeller blade contacted the surface and engine was force stopped

- during the approach pilot recognized low altitude and he increased power for approx 30s

- since that time was coming many mistakes and failures"

> approach was getting very slow in about 40kn what`s just 2kn above the stall speed

> pilot has started pull the controls too early and he started to land 20ft above the surface, where is no ground effect, this invoke decrease of the IAS under the limit of stall speed and airplane fallen down

> due all this mistakes was fuel flow, fuel pressure in correct relation

Result: As the test-pilot I see problem in poorly executed approach and landing, outside of conditions described in flight manual.

Condition affecting the accident: low speed, poor estimation of altitude above the runway.

Even without engine was possible to land safely from the point in middle of the river.

M8-Eagle glide very smoothly even the engine is stopped, if it runs idle rpms it still generate some thrust and is it even easier

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