

Brannen John

From: Brandt, Adam (FAA) [REDACTED]
Sent: Thursday, March 17, 2022 12:10 PM
To: Brannen John; Wirt, James L (FAA)
Subject: RE: N9410Q

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No problem. It looks like the salvage company is planning to go grab the aircraft on Monday and take it to Dawson, AR. James and I are going to meet them out there to see if there is anything we might be able to see when the aircraft is lifted/moved. Is there anything specific you would like pictures/documentation of while we're there?

Here is the information on the pilot.

William Anthony Rogers (Tony)

[REDACTED]

Here is the information on the salvage company if you need it for anything as well. Reuben Dawson is our POC.

Dawson Aircraft Inc.
PO Box 910 / 544 Airport Road, Clinton AR. 72031

[REDACTED]

Adam J. Brandt
Aviation Safety Inspector
Will Rogers Flight Standards District Office
1300 S. Meridian Ave, Suite 601
Oklahoma City, Oklahoma 73108

[REDACTED]



From: Brannen John [REDACTED]
Sent: Thursday, March 17, 2022 12:03 PM
To: Brandt, Adam (FAA) [REDACTED]; Wirt, James L (FAA) [REDACTED]
Subject: RE: N9410Q

Thanks Adam.

Do you have contact information for the pilot. I need to get him one of our report forms to fill out.

Thanks,

John Brannen

From: Brandt, Adam (FAA) [REDACTED]
Sent: Thursday, March 17, 2022 10:25 AM
To: Brannen John [REDACTED]; Wirt, James L (FAA) [REDACTED]
Subject: RE: N9410Q

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John,

You are correct, the entire bolt appears to have backed out. We searched for the bolt but weren't able to locate it. We did find a single cover screw in the bottom of the engine cowl.

None of the cover screws appeared to have been broken off.

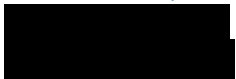
The #6 cover was missing 5 screws in total. The #2 cover was not missing any.

The #1 cover was missing 1 screw.

I'm hoping to get maintenance records today. Ill reach out as soon as we do.

Adam J. Brandt

Aviation Safety Inspector
Will Rogers Flight Standards District Office
1300 S. Meridian Ave, Suite 601
Oklahoma City, Oklahoma 73108



From: Brannen John [REDACTED]
Sent: Wednesday, March 16, 2022 1:21 PM
To: Brandt, Adam (FAA) [REDACTED]; Wirt, James L (FAA) [REDACTED]
Subject: RE: N9410Q

Interesting.

So, from the 4th picture it looks like the entire bolt backed out of the rocker boss. I assume since you didn't mention it that it was not found in the cowl, correct?

The valve cover being completely off means 8 cover screws had to come out. Were any of the screws broken off with a portion remaining in the head?

Looks like #6 is missing at least 2 rocker cover screws. How were the rest of those screws, and did you happen to check the #2?

I'm keeping an open mind, but at this point I can't really imagine this happening unless someone forgot to tighten things.

Will be interesting to see the maintenance records.

From: Brandt, Adam (FAA) [REDACTED]
Sent: Wednesday, March 16, 2022 1:10 PM
To: Brannen John [REDACTED]; Wirt, James L (FAA) [REDACTED]
Subject: RE: N9410Q

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John,

I've attached the most relevant photos involving the number 4 cylinder.

A few noteworthy observations:

- No. 4 Rocker Cover was completely off and the No. 6 Rocker Cover was very loose, only being held "on" by 4 bolts, all of which were very loose as well.
- Damage on the No. 4 Cover from (presumably) the Rocker Boss and rocker shaft retaining bolt.
- Unable to locate No. 4 Rocker cover gasket.
- Multiple Rocker Cover bolt holes are elongated and embossed with the bolt thread pattern.
- Metal shavings throughout the valve assembly area as well as deposited on the cowling/aircraft with the lost engine oil.

Let me know if you need anything else.

Sincerely,

Adam J. Brandt

Aviation Safety Inspector
Will Rogers Flight Standards District Office
1300 S. Meridian Ave, Suite 601
Oklahoma City, Oklahoma 73108
[REDACTED]



From: Brannen John [REDACTED]
Sent: Wednesday, March 16, 2022 10:45 AM

To: Wirt, James L (FAA) [REDACTED] Brandt, Adam (FAA) [REDACTED]

Subject: N9410Q

As we talked about on the phone, I am the NTSB IIC for the accident with N9410Q. When you have a chance could you send over a few pictures of the cylinder and rocker box cover stuff that you found? Let me know when you guys find out maintenance info on it too.

The accident number for this one is CEN22LA140

Thanks,

John M. Brannen II
Senior Air Safety Investigator
National Transportation Safety Board
4760 Oakland St., Suite 500
Denver, CO 80239
[REDACTED]

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