

Aguilera Jason

From: King, Kyle [REDACTED]
Sent: Wednesday, August 17, 2022 8:02 PM
To: Aguilera Jason
Cc: Berst, Brian; Elmore, Jeffrey D.
Subject: N501MW wing crack question

[CAUTION] This email originated from outside of the organization. Do not click any links or open attachments unless you recognize the sender and know the content is safe.

Jason,

My area manager reached out to me with your question about the “crack” in the wing of 501MW. There was a crack in the left wing about 5.5 feet outboard of the fuselage and 16 inches forward of the leading edge skin (spar) that measured approximately 3 inches long. The crack ran length wise with the wing. After the crack was noticed we contacted Airtractor as well as our maintenance repair shop, Georges Aircraft in Vernon Texas for direction. We were instructed the crack was not a structural concern and that they would get us instructions for a fix going forward. Both Airtractor and Georges Aircraft advised and agreed that the aircraft was safe to fly and the following be done:

- 1) Stop drill the crack
- 2) Repair with a vinyl patch until a sheet metal patch could be installed.

We did so and continued to fly the aircraft. After the accident I reached out to Airtractor to get some more details. They said that they had reviewed the crack and location extensively with their engineering department and found that no structural issue was any kind of a concern. Just wanted to let you know and try to answer your question. Those are the facts and if you need any additional information please feel free to reach out to me for anything further.

Thank you,

Kyle King
Operations Manager
Diversified Applications, Inc.

Office – [REDACTED]

Cell – [REDACTED]

Fax – [REDACTED]

