

From: [REDACTED]
Subject: N3576X Accident F00
Date: Wednesday, September 23, 2020 10:40:12 AM
Attachments: [image001.png](#)
[IMG_3180.MOV](#)
[IMG_1117.JPG](#)
[IMG_1122.JPG](#)
Importance: High

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Good morning Mr. Hatch;

Yesterday I was out in Bonham inspecting N3576X and found a fuel injector line for the #6 cylinder (RH rear cylinder) disconnected at the distributor block. The line goes straight from the block to the injector in the cylinder. We ran the boost pump with the throttle and mixture controls at full and confirmed fuel flow to and thru the block (See attached video). The other observation I made was that when I inspected the turbocharger, when I initially tried to rotate it, it gave me some resistance as if it was stuck. With minimal effort I was able to get it free and it rotated. I am not sure if this may have been caused by the overheat condition they experienced or if this is normal operation for the turbocharger. I will send a video if it on a separate email. Please advise should you need anything else and if you feel like we have enough info to release the aircraft. I also attached a image marking the general area of where the disconnect is located. Thank and have a great day!

[REDACTED]
Principal Maintenance Inspector- PMI
Federal Aviation Administration
North Texas FSDO SW19
[REDACTED]

