

N82XC, CC19-180, S/N CC19-0018,
Ground Loop accident, FFZ, 05/10/2018

Tom Vernon, Jr. – FAA IIC

Pilot reports perfect weather, perfect flight, perfect landing. After landing, while rolling down centerline, aircraft abruptly turns left, resulting in ground loop. Damage to right wing, right elevator, right main landing gear. Right wheel assy departed aircraft. It was clear that the right main wheel assy folded under the end of the gear leg and then separated.

Inner side of right main wheel assy



Outer side of right main wheel assy



Axel removed, inner race and bearing loose
inside of wheel assy



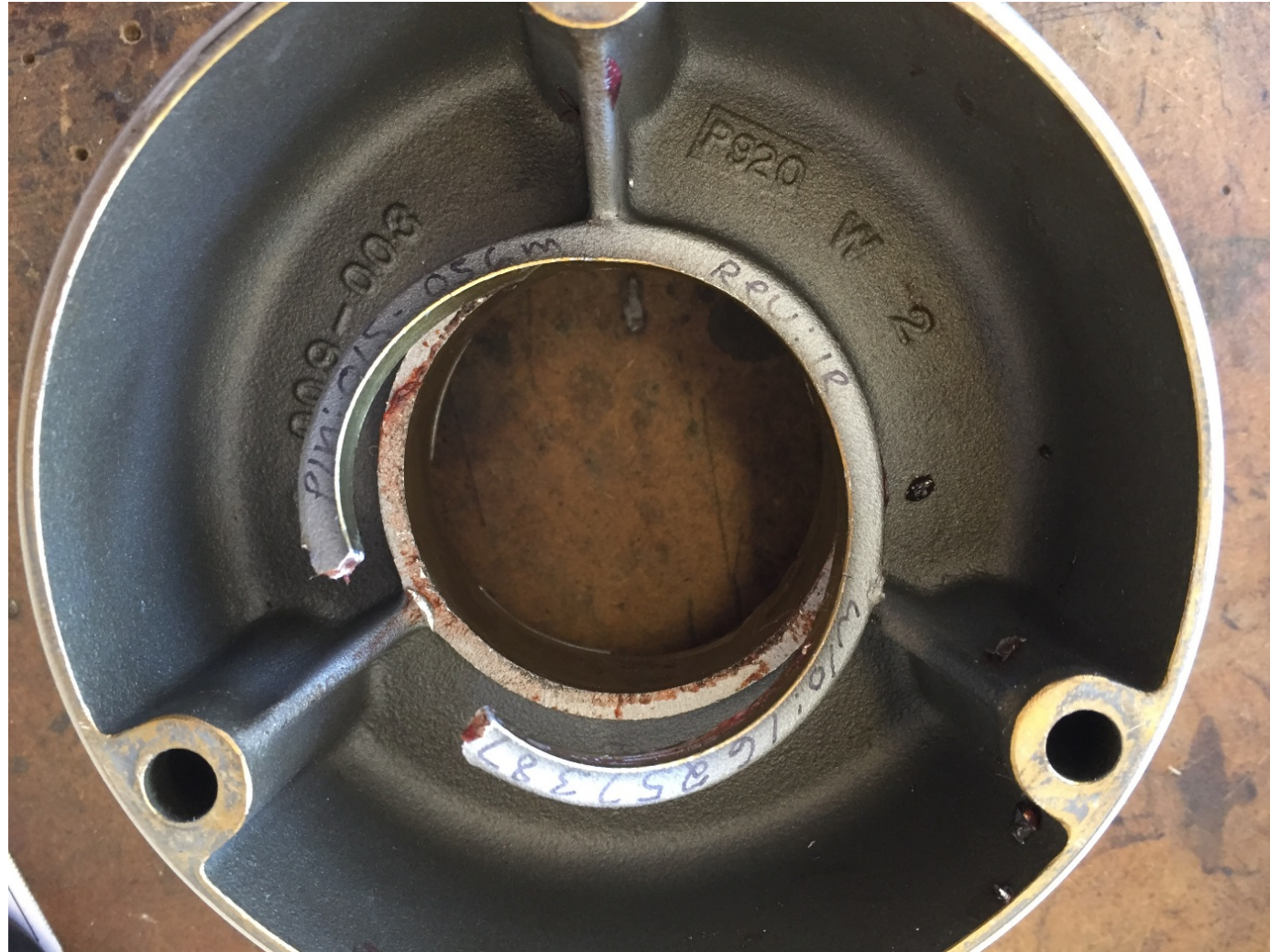
Inner wheel half, race and bearing no longer captured in proper position



Inner half on left with race and bearing removed,
outer half on right, bearing removed and race still
in place



Inner half cleaned up a little, markings visible



Inner wheel half



Part ID



Front side of Left gear attachment, gear shifted to the Left, crushing roll pin



Back side of Right gear attachment, gear shifted to the left



Aircraft as it came to rest. Tire mark is from the right main, it broke off at the white line and the aircraft skidded, hopped on right gear leg then spun to the right and stopped as seen here.

