

Inspector Statement

N377SB accident on 02/15/2020. The pilot reported that the aircraft had pulled hard to the left after touchdown on runway 08. The aircraft left the runway and proceeded through the grass until it contacted a drainage ditch.

On 02/19/2020 Inspector Aaron deVogel traveled to Downtown Island Airport (DKX) in Knoxville, TN to inspect N377SB. This aircraft is a Rockwell International, model 112B, serial number 526 with 3049 total airframe hours. The last annual inspection was performed in April 2019.

The aircraft was recovered by a local mechanic at the airport and brought to a T-hangar for inspection.



The following pictures are the findings during the aircraft inspection.

The left main landing gear tire had worn down to the point of failure.



The tread on the rest of the tire was in good condition.



The engine firewall is buckled on the lower left engine mount.



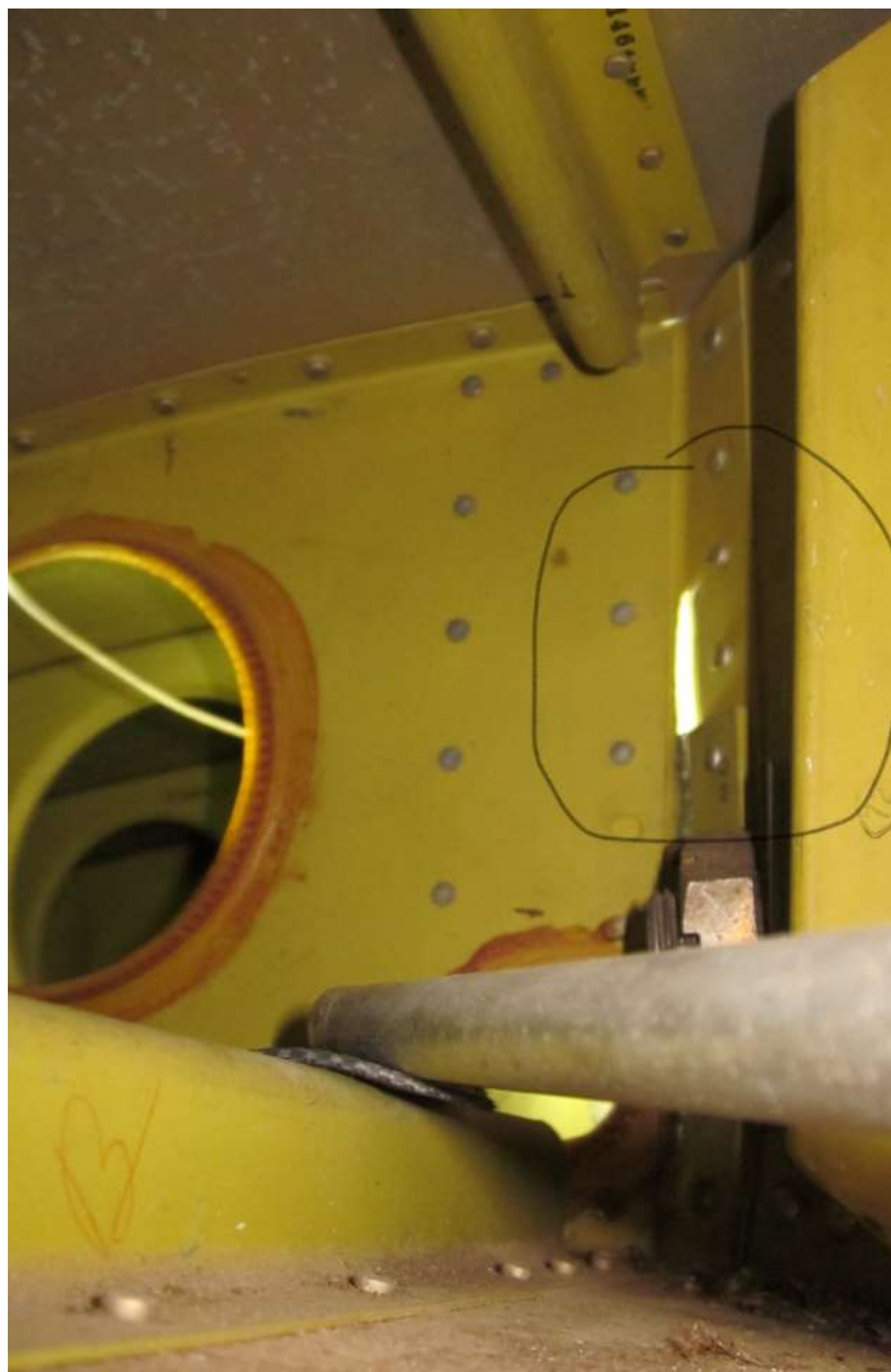
The engine mount suffered multiple fractures.



Multiple rivets were torn through the skin on the left wing.



There were multiple cracks found on or near the left wing spar. This was viewed through an inspection hole under the left wing.



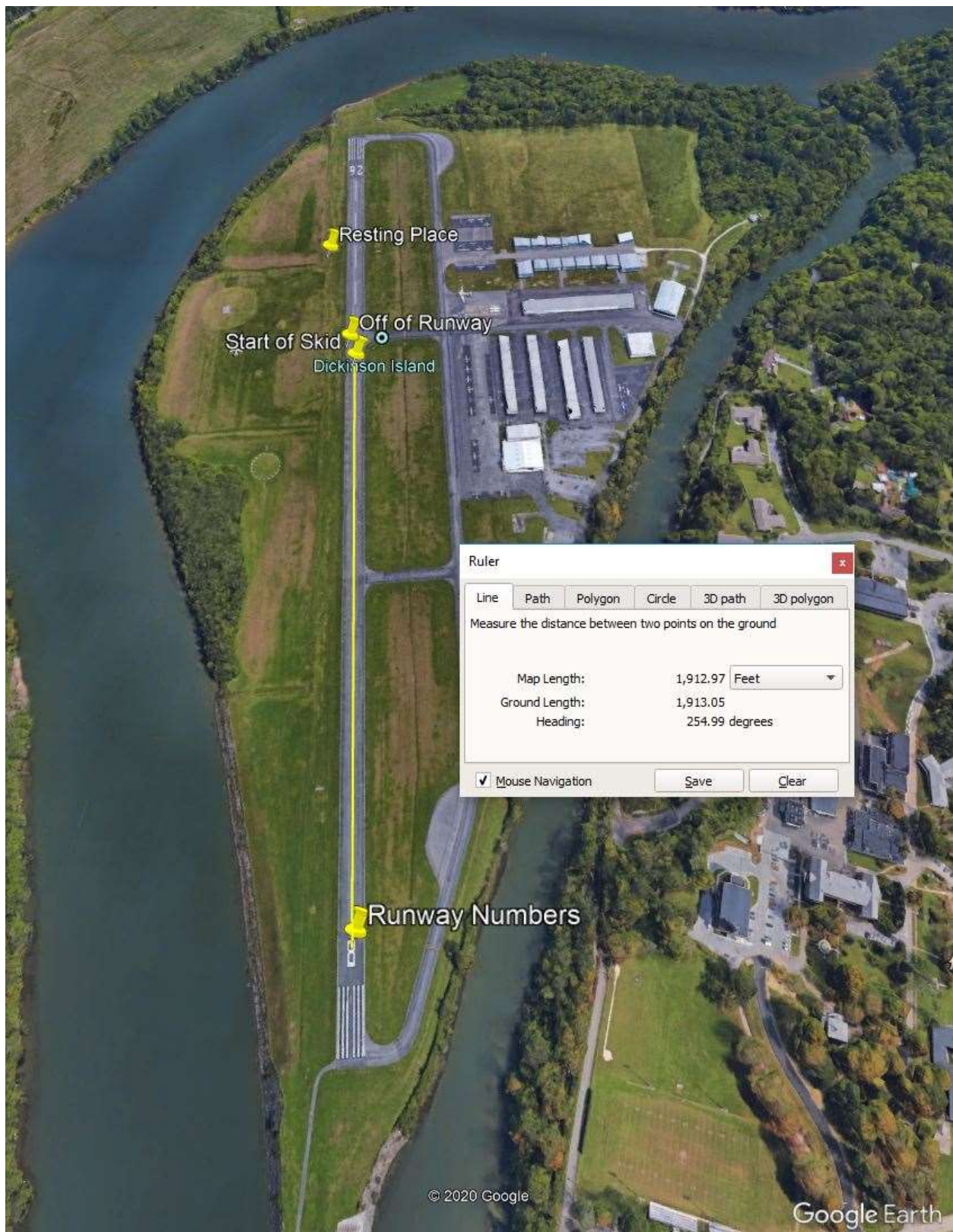


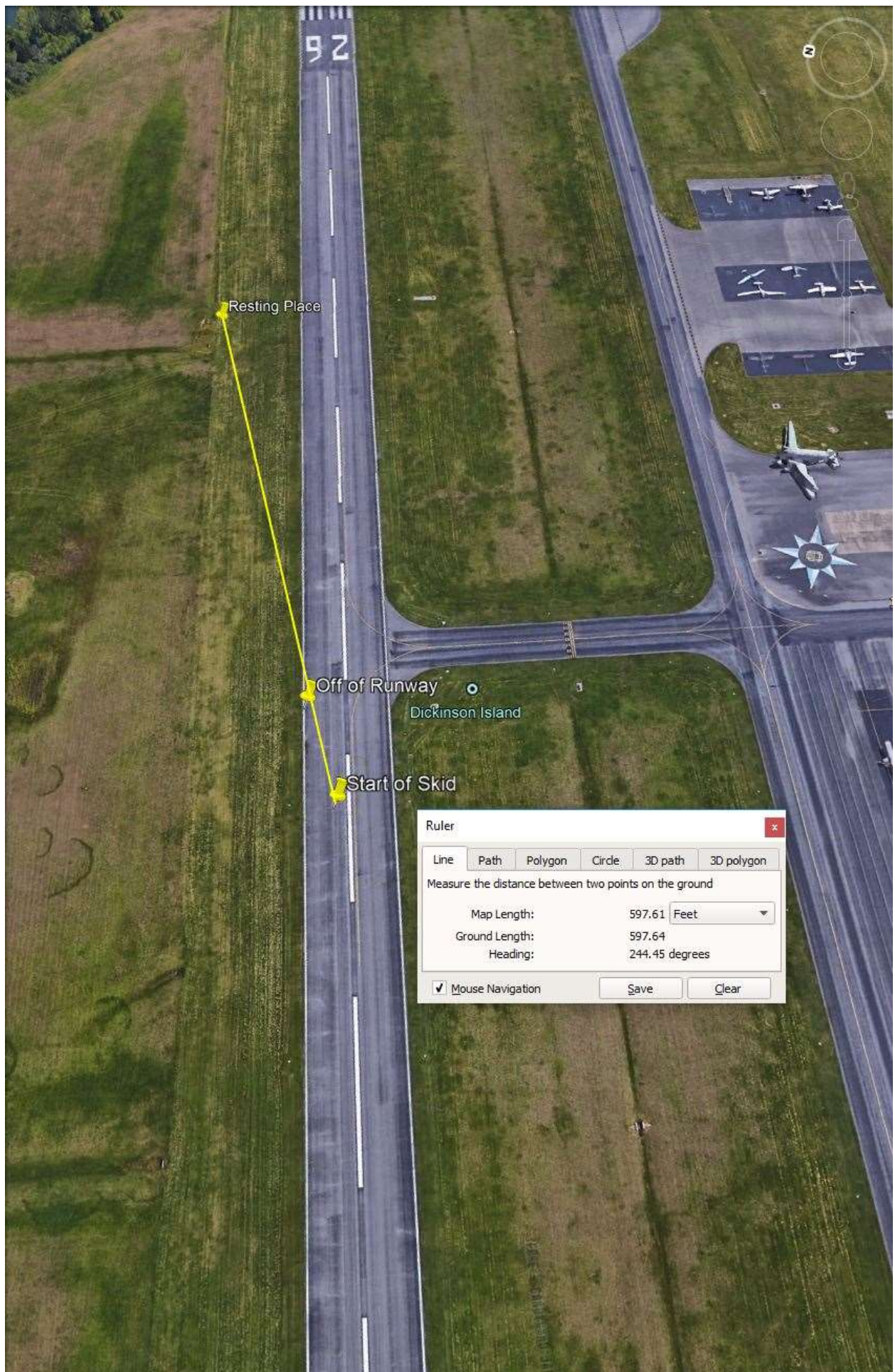
A brake function check was performed satisfactory and the system was inspected for leaks. The brake calipers locked the brakes appropriately and released them when the brake pedals were released. A post inspection picture was taken of the brake reservoir and fluid levels.





The following pictures show the rubber skid mark of the left main tire on the runway, the point the aircraft exited the runway and the final resting place of the aircraft.





Ruler

Line Path Polygon Circle 3D path 3D polygon

Measure the distance between two points on the ground

Map Length:	597.61	Feet
Ground Length:	597.64	
Heading:	244.45	degrees

☒ Mouse Navigation

Save Clear



