



Photo 1 – Left Side of Main Wreckage – Courtesy of KSHD Airport



Photo 2 – Right Side of Main Wreckage – Courtesy of KSHD Airport



Photo 3 – Cockpit – Courtesy of KSHD Airport



Photo 4 – Engine – Courtesy of Lycoming Engines



Photo 5 – Propeller – Courtesy of Lycoming Engines



Photo 6 – Right Wing



Photo 7 - Left Wing



Photo 8 – Rudder Control Arm



Photo 9 – Upper Side View of Rudder Control Arm



Photo 10 – Opposite Upper Side View of Rudder Control Arm

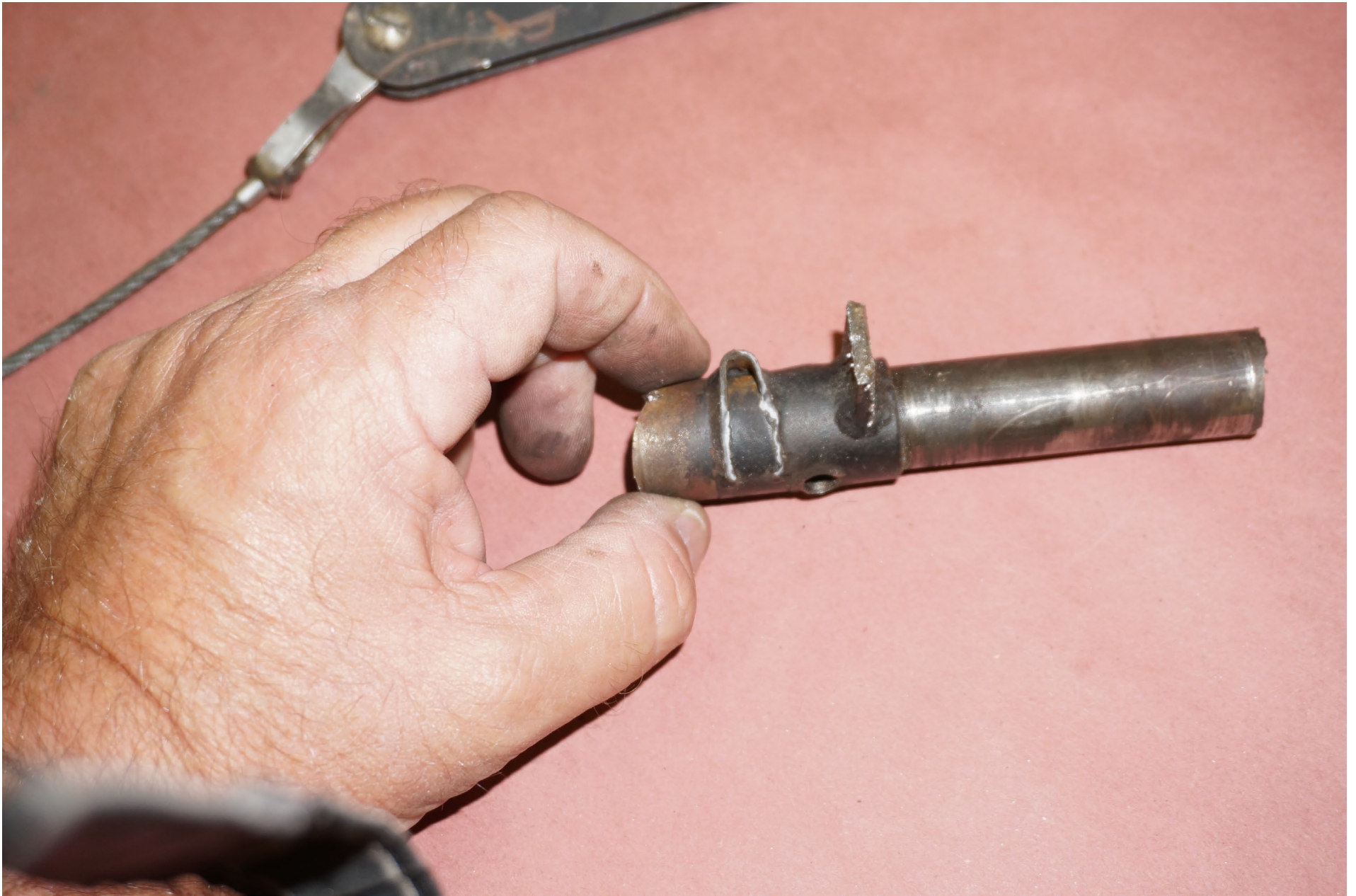


Photo 11 – Rudder Control Assembly Tube



Photo 12 –Rudder Control Assembly Tube and Rudder Control Arm

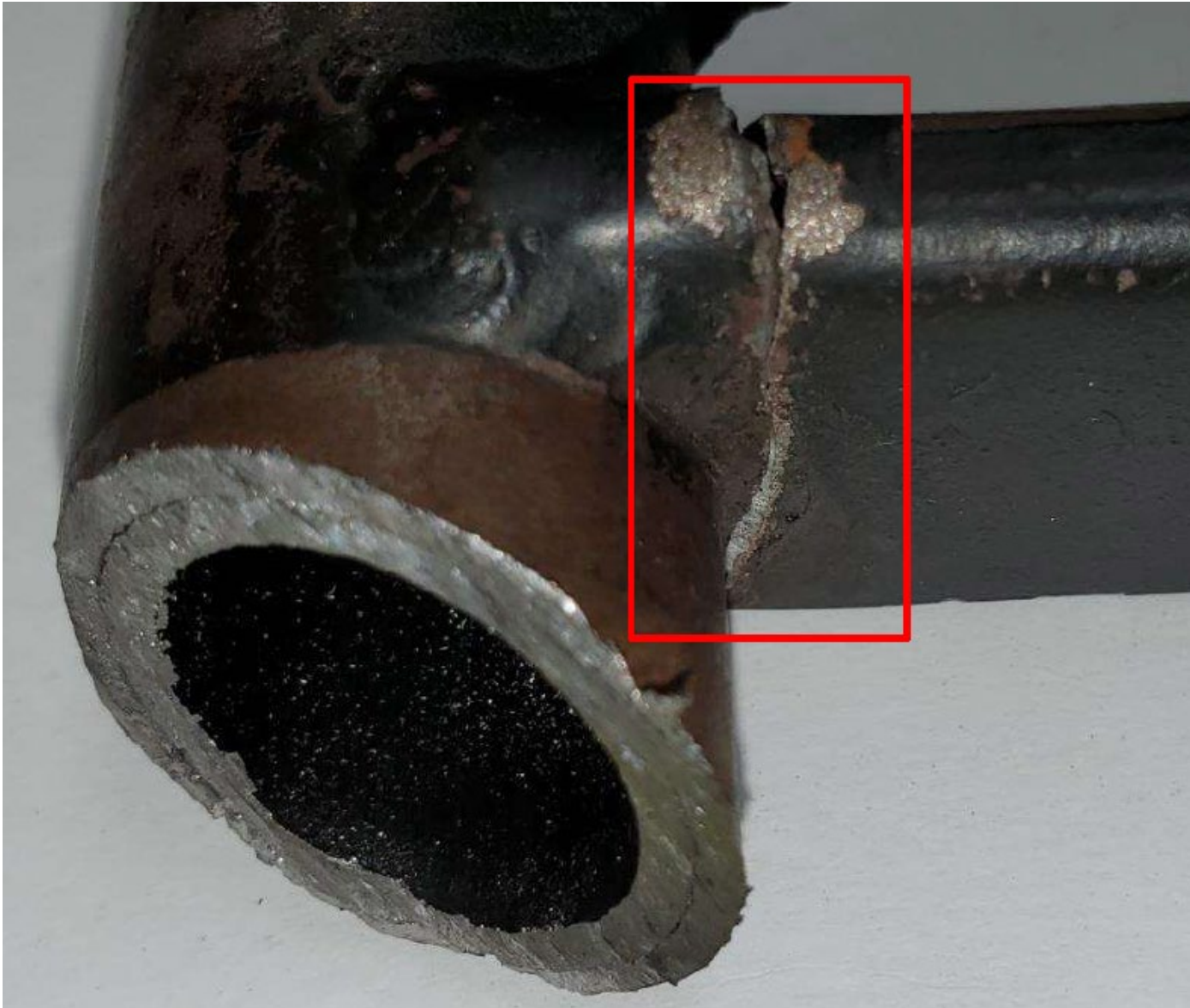


Photo 13 – Macro View of Rudder Control Assembly Normal Position – Courtesy of Piper Aircraft



Photo 14 – Fracture Surface Near Weld – Courtesy of Piper Aircraft

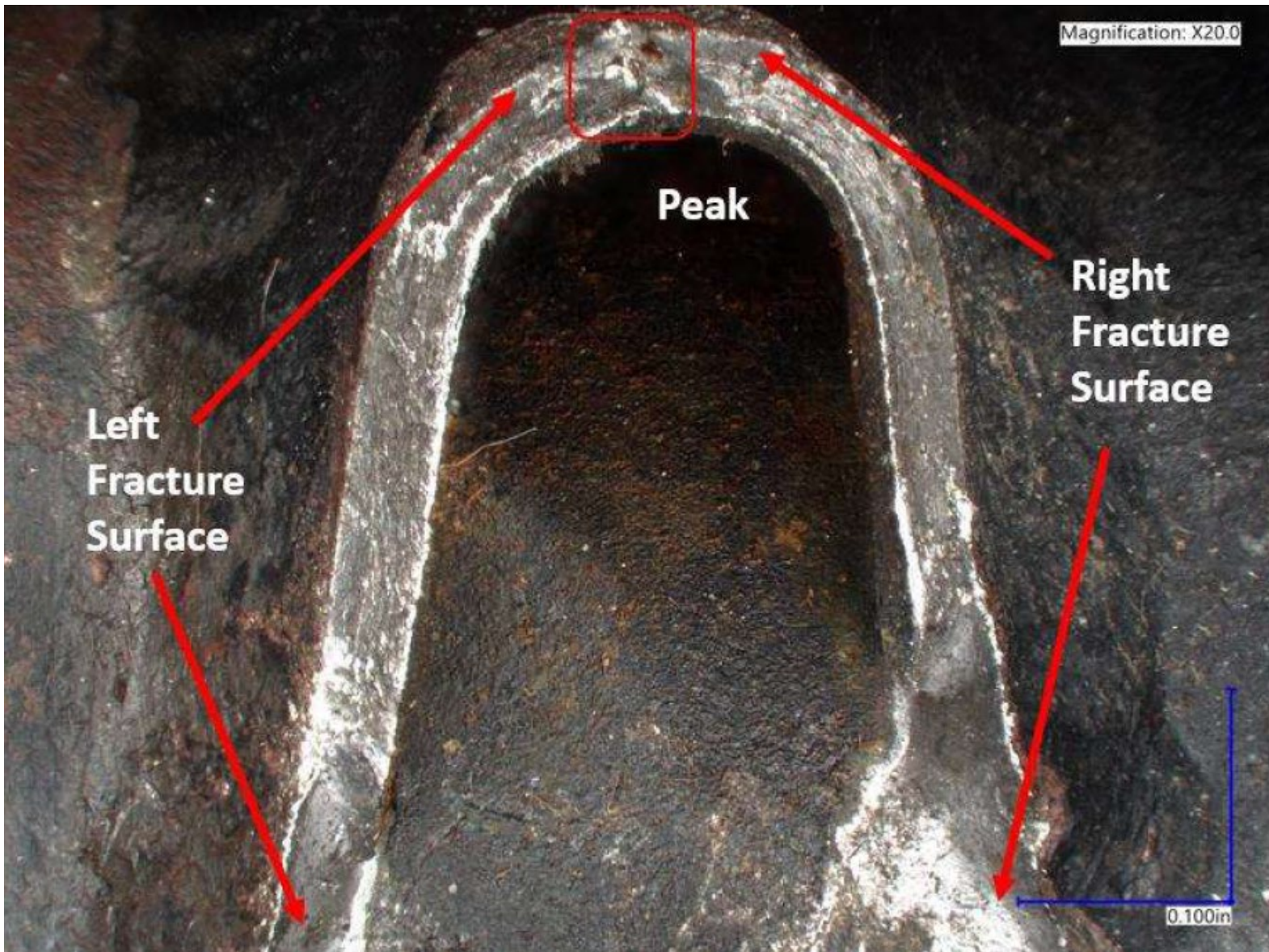


Photo 15 –Fracture Surface Magnified to 20x - Courtesy of Piper Aircraft

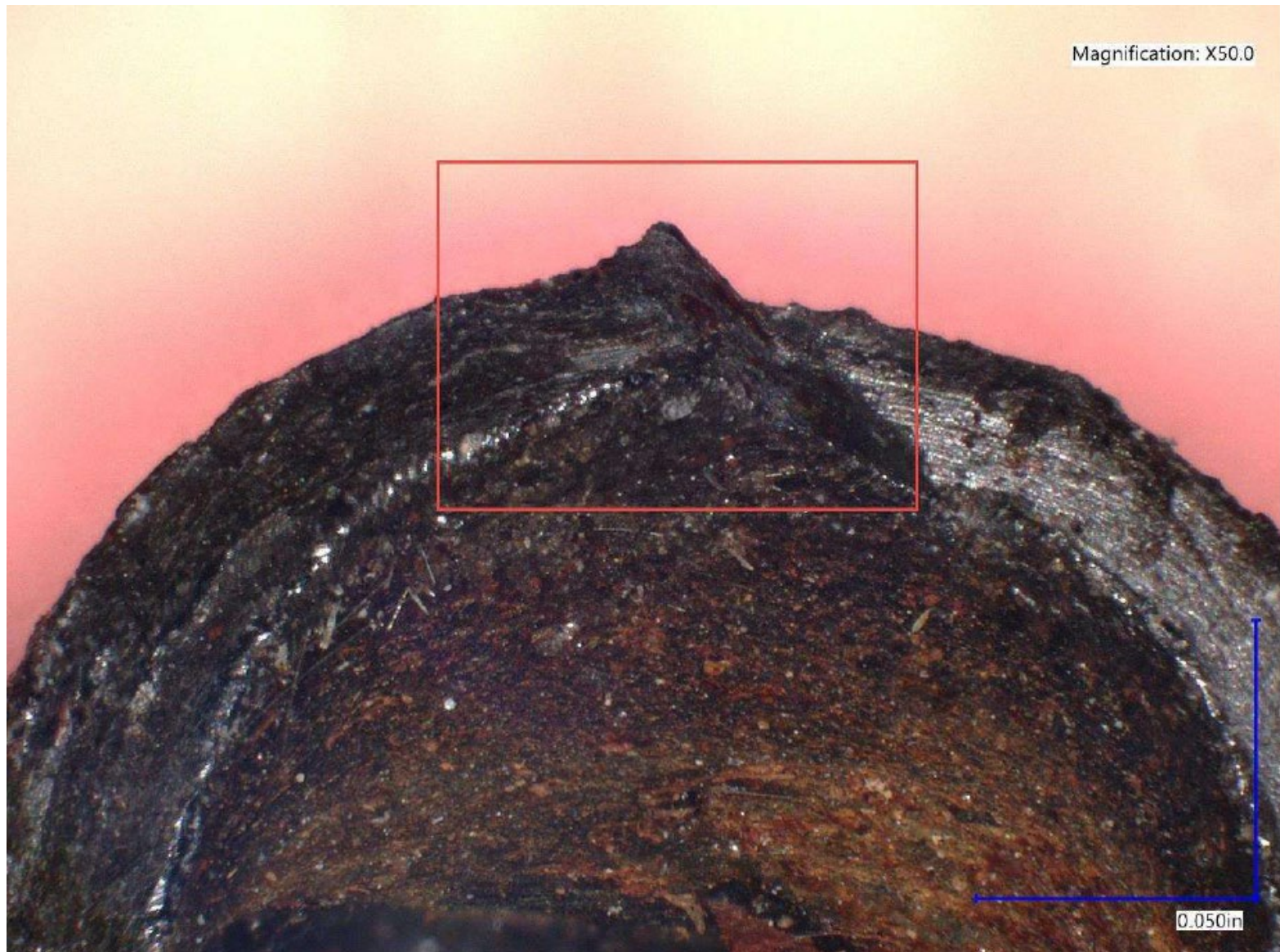
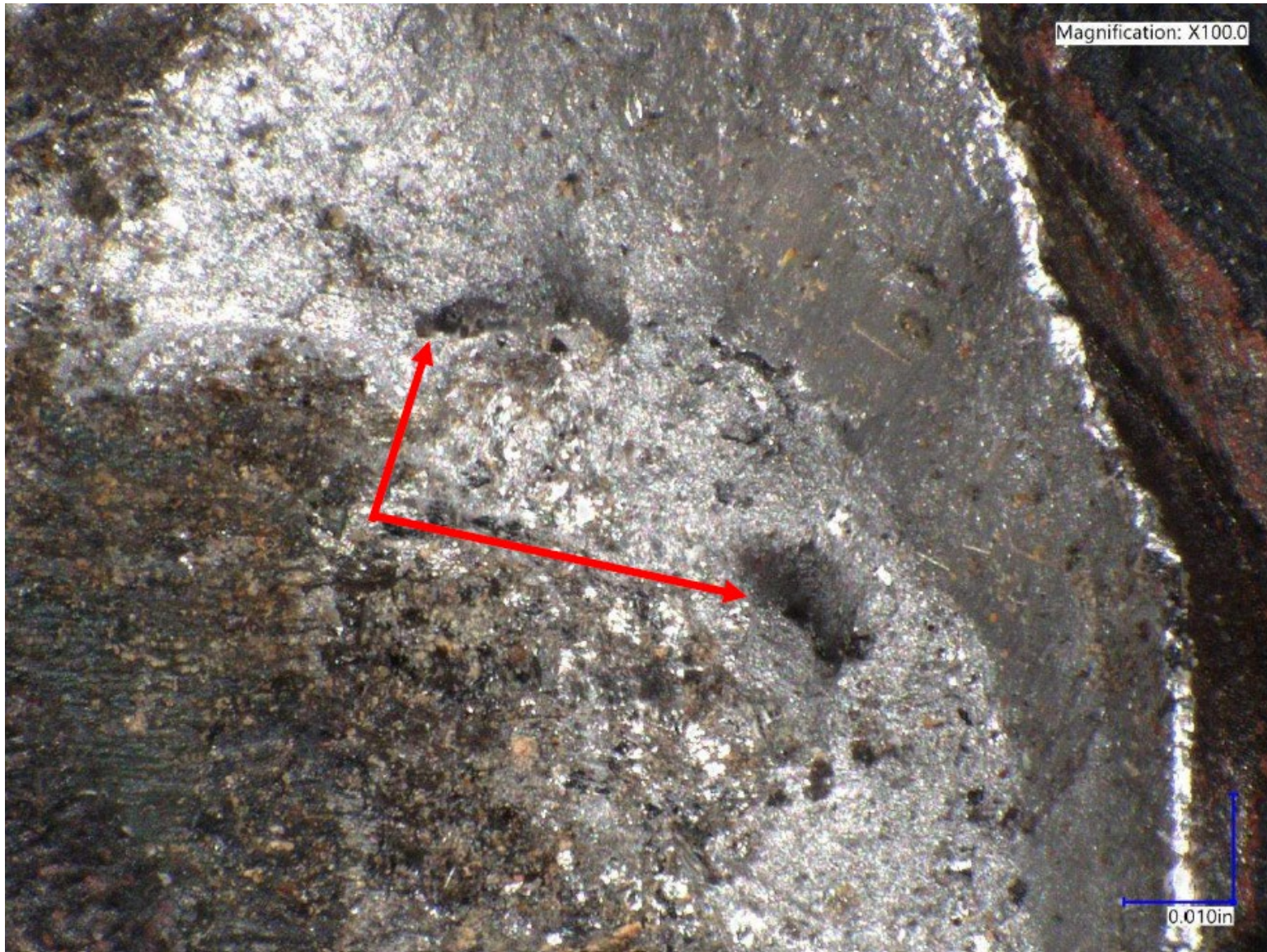


Photo 16 – Peaked Surface Magnified to 50x – Courtesy of Piper Aircraft



Photo 17 – Right Hand Fracture Surface with Porosity – Courtesy of Piper Aircraft



**Photo 18 – Right Hand Fracture Magnified to 110x with Porosity, Cup and Cone Signatures, and Voids in the Weld
Courtesy of Piper Aircraft**



Photo 19 – Left Hand Side of Fracture Surface Magnified to 20x Showing Fresh Substrate – Courtesy of Piper Aircraft