

From: [McAtee Nancy](#)
To: [Salazar Fabian](#)
Cc: [Budinski Michael](#)
Subject: Email report-WPR18FA279 (fuel hose)
Date: Wednesday, April 24, 2019 1:34:21 PM
Attachments: [IV000001.JPG](#)
[IV000002.JPG](#)

Fabian,

A fuel hose from the accident aircraft was submitted to the Materials Laboratory for examination. The hose was 11.5 inches in total length (included the nut assemblies on each end) and consisted of an inner rubber hose with an outer layer of stainless steel wire braid. The hose was an Aeroquip Brand hose manufactured by Eaton. At one end of the hose, there was an indentation, approximately 1 inch in length, in the steel wire braid layer. The interior of the hose was examined to determine if the indentation continued through to the inner rubber hose and if so, to determine if the inner diameter of the hose was obstructed by the indentation. The inner hose was examined using a borescope. While the inner hose did exhibit some degree of indentation, the deformation did not appear to significantly compromise the inner diameter of the hose. Photographs of the indentation of the inner hose have been attached.

If you have any question, please let me know.

Nancy B McAtee
Chemist
RE-30



Photo 1 – Fuel Hose Inner Diameter View



Photo 2 – Fuel Hose Inner Diameter View number 2