



THE LEE COMPANY

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Returned Material Evaluation 095351

Lee Company Part Number: JEHX0501400A
Description: Lee High Watt in Fitting Special
RR#: 34824

Customer: Bombardier
RMA#: R850
LOT#: 391280

Bombardier Aerospace returned one Lee JEHX0501400A to the Lee Company for testing and analysis to support a NTSB investigation. The investigation is a result of a main landing gear failure on ASA CRJ200 aircraft S/N 7411.

The part was inspected under magnification and photographed. The exterior of the part was covered in debris but the interior appeared clean.

After inspection the part was flushed with MIL-PRF-7024 flowing through the part and into a 0.45µm filter patch. This revealed no evidence of significant contamination.


The part was then cleaned and Lohm rated per the applicable inspection drawing, which calls for a restriction of 145 Lohms \pm 2% (142.1-147.9 Lohms) when flowed on water at 25 psid at 80° F \pm 2° F. The test results, in Lohms, follow:

Forward	Reverse
146.9	147.7

The High Watt Jet does flow within the limits specified for part number JEHX0501400A.

Conclusion:

The returned component satisfies the requirements of the applicable Lee Inspection drawing. The component should be returned to the customer.


Robert Merrick
Project Engineer