

From: [REDACTED]
To: [REDACTED]
Subject: Materials Lab Email Factual (WPR24FA132)
Date: Tuesday, October 1, 2024 8:18:48 AM
Attachments: [Radiographs.zip](#)
[Mat Lab 0369.JPG](#)
[Mat Lab 0372.JPG](#)

Hello Dan,

I have completed the filament analysis on the annunciator panel for WPR24FA132. The email report is below, and photographs and radiographs are attached. Please let me know if you have any questions.

The annunciator panel showed no notable signs of damage to the case. Panel lights were arranged in two rows with 12 lights per row. Bulb filaments were examined for stretching or breaking using X-ray transmission. Two bulbs were found in every panel light. Bulbs were arbitrarily labeled “1” and “2” moving from left to right when viewed from the front. Radiographs were taken from top-rear view of the panel, and the panel lights in the top row were turned 90 degrees. As such, the bulbs in the radiographs of the bottom row were labeled from right to left and the bulbs in the top row from bottom to top.

Radiographs were taken for the panel lights demarcated by bold text in Tables 1 and 2. All other lights were inspected, but radiographs were not recorded. All bulbs inspected were found intact, with no signs of filament breaking or stretching.

Table 1. Annunciator panel lights for the first six columns of the panel. Bold text indicates that radiographs were taken for that light.

Spare	Fuel Low	Spare	Litter Door Open	Spare	Gen Fail
1 2	1 2	1 2	1 2	1 2	1 2
Spare	Spare	Spare	Spare	Spare	Baggage Door
1 2	1 2	1 2	1 2	1 2	1 2

Table 2. Annunciator panel lights for the second six columns of the panel. Bold text indicates that radiographs were taken for that light.

R Fuel Pump	Fuel Filter	Eng Chip	Battery Hot	Trans Oil Press	Eng Out
1 2	1 2	1 2	1 2	1 2	1 2
L Fuel Pump	T/R Chip	Trans Chip	Battery Rly	Trans Oil Temp	Rotor Low RPM

1	2	1	2	1	2	1	2	1	2
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