

Lighter than Air: Cameron A315, Failed Blast Valve, ATA 5102

A repairman/pilot states, "The blast valve (main burner valve; P/N F8612) no longer functioned. Upon disassembling the blast valve from the burner, the shutter valve was visually inspected. The adhesive compound bonding the brass to the rubber ring was found to have failed, and the amount of adhesive bonding the two pieces also seems to be inadequately or unevenly applied. The rubber ring separating from the brass housing resulted in complete blockage of fuel (propane) to the burner coils—ultimately resulting in failure of the blast valve."



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Part Total Time: 246.0 Hours