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Subject: WPR25LA234; Density Altitude Calculation

The following is the calculation of density altitude at Cashmere-Dryden Airport (8S2), about 17:00, on July 30, 2025. (See figure 1.)

The image shows a screenshot of a web-based "Density Altitude Calculator". The interface is dark-themed with white text. It is divided into two main sections. The first section, "Altimeter Setting to Pressure Altitude", contains three input fields: "Altimeter Setting" (set to in/hg, value 29.87), "Field Elevation" (set to ft, value 858), and "Pressure Altitude" (value 908). A link "What is the formula?" is present below the pressure altitude field. The second section, "Pressure Altitude to Density Altitude", contains four input fields: "Pressure Altitude" (set to ft, value 908), "True Altitude" (value 858), "Standard (ISA) Temperature" (set to °C, value 13.30), and "Air Temperature (OAT)" (set to °C, value 38). The final output field is "Density Altitude" (value 3842), with a "What is the formula?" link below it.

Density Altitude Calculator	
Altimeter Setting to Pressure Altitude	
Altimeter Setting [☒ in/hg ☐ hpa] :	29.87
Field Elevation [☒ ft ☐ mt] :	858
Pressure Altitude (ft) What is the formula?	908
Pressure Altitude to Density Altitude	
Pressure Altitude [☒ ft ☐ mt] :	908
True Altitude (ft)	858
Standard (ISA) Temperature [☒ °C ☐ °F] :	13.30
Air Temperature (OAT) [☒ °C ☐ °F] :	38
Density Altitude (ft) What is the formula?	3842

Figure 1. Density altitude for 8S2 about 17:00, July 30, 2025.