MEMORANDOM

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Subject: Calculated groundspeed

The ground speed was derived from the Vx and Vy columns in the ADS-B data, which are provided as east/west speed and north/south speed in knots. Groundspeed was derived as the square root of ($Vx^2 + Vy^2$).

$45^2 + 9^2 = 2197^2$ = 46 knots groundspeed + a headwind around 16 knots = 62 knots calculated airspeed.

Approximately 6 seconds before the last recorded data point and at approximately the same altitude, the airplane was about 54 knots + a headwind of 16 knots = 70 knots calculated airspeed.

The airplane was deaccelerating along the final approach and on short final.