

MEMORANDUM FOR RECORD

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Date: June 11, 2025

Subject: ERA23FA249

Contact: Dipstick Information and Dipstick Conversion Chart

As part of the investigation, the pilot's personal effects at the operator's facility were inspected, which revealed a fuel dipstick that was identical to the dipstick located in the accident airplane¹ (Figure 1). There was no conversion chart located in his personal effects to correlate the readings on the dipstick with actual fuel load in each tank.



Figure 1 View of Dipstick Found in Pilot's Personal Effects At Operator's Facility

¹ Refer to NTSB Wreckage Examination Summary contained in the NTSB public docket for this investigation which describes in writing and pictures of the dipstick found in the wreckage.

During the investigation, one owner of the operation was contacted by NTSB and asked about any dipstick conversion chart. The owner provided the conversion chart (Figure 2).

N8775X Fuel Dipstick Conversion	
Dipstick Reads	Actual Fuel
5 gal	3 gal
8 gal	4 gal
10 gal	5 gal
13 gal	6 gal
15 gal	7 gal
16 gal	8 gal
17 gal	9 gal
18 gal	10 gal
20 gal	11 gal
21 gal	12 gal
22 gal	13 gal
24 gal	14 gal
26 gal	15 gal
27 gal	17 gal
29 gal	19 gal

Figure 2 Dipstick Conversion Chart for the Accident Airplane Provided by the Owner/Operator