Accepted Manuscript

Breakup Length and Liquid Splatter Characteristics of Air-Assisted Water Jets

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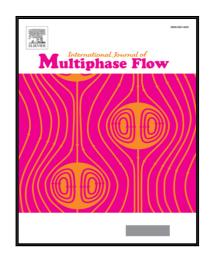
PII: \$0301-9322(16)30083-0

DOI: 10.1016/j.ijmultiphaseflow.2016.02.005

Reference: IJMF 2335

To appear in: International Journal of Multiphase Flow

Received date: 30 June 2015
Revised date: 4 February 2016
Accepted date: 5 February 2016



Please cite this article as: Daniel Trainer, Breakup Length and Liquid Splatter Characteristics of Air-Assisted Water Jets, *International Journal of Multiphase Flow* (2016), doi: 10.1016/j.ijmultiphaseflow.2016.02.005

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Highlights

- The breakup length and liquid splatter onset of air-assisted jets are investigated.
- Bubble size and number density are found to affect breakup length.
- Jet breakup length is predicted using the volumetric void fraction.
- Jet breakup length and the liquid splatter onset point are found to be related.



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