May 17, 2023

Dennis Dean Chief Financial Officer AirSculpt Technologies, Inc. 1111 Lincoln Road, Suite 802 Miami Beach, FL 33139

Technologies, Inc.

Re: AirSculpt

fiscal year ended December 31, 2022

8, 2023

Form 10-K for the Response dated May

File No. 001-40973

Dear Dennis Dean:

We have reviewed your May 8, 2023 response to our comment letter and have the following comments. In some of our comments, we may ask you to provide us with information

so we may better understand your disclosure.

Please respond to these comments within ten business days by providing the requested information or advise us as soon as possible when you will respond. If you do not believe our

comments apply to your facts and circumstances, please tell us why in your response.

After reviewing your response to these comments, we may have additional comments. Unless we note otherwise, our references to prior comments are to comments in our

April 13, 2023 letter.

Form 10-K for the fiscal year ended December 31, 2022

Item 7. Managements Discussion and Analysis of Financial Condition and Results of Operations

Non-GAAP Financial Measures, page 49

We have reviewed your 1. response to prior comment one and it appears that pre-opening de novo costs represent costs incurred as part of the company s growth strategy and such costs are normal, recurring expenses. Consistent with the guidance in Question 100.01 of the CD&I related to Non-GAAP Financial Measures, updated December 13, 2022, please revise future filings to remove the adjustment for pre-opening de novo costs from your non-GAAP measures. We note you use 2 tax-adjusted amounts to reconcile Adjusted Net Income to Net loss. Please tell us how your presentation is consistent with Question 102.11 of the CD&I Dennis Dean AirSculpt Technologies, Inc. May 17, 2023 Page 2 related to Non-GAAP Financial Measures, or revise your presentation to conform to the guidance. You may contact Christie Wong at 202-551-3684 or Michael Fay, Senior Staff Accountant, at 202-551-3812 with any questions.

Corporation Finance

Sincerely,

Comapany NameAirSculpt Technologies, Inc.

Office of

Industrial Applications and May 17, 2023 Page 2 FirstName LastName

Services