August 12, 2021

VIA EDGAR TRANSMISSION

Re: Astra Space, Inc.

Registration Statement on Form S-1 (File No. 333-257930)

Securities and Exchange Commission Division of Corporation Finance 100 F Street, N.E. Washington, D.C. 20549 Attention: Karina Dorin

Ladies and Gentlemen:

We are filing this correspondence to request that the acceleration request letter filed yesterday, August 11th, requesting acceleration on August 13th, be withdrawn.

If you require any additional information with respect to this letter, please contact Carl Marcellino (212-841-0623) of Ropes & Gray LLP.

[Signature Page Follows]

Very truly yours,

ASTRA SPACE, INC.

By: /s/ Kelyn Brannon

Name: Kelyn Brannon

Title: Chief Financial Officer and Secretary