REDWIRE CORPORATION

13,920,979 Shares of Common Stock Up to 67,262,510 Shares of Common Stock by the Selling Shareholders 5,732,168 Warrants by the Selling Shareholders

This prospectus supplement updates and supplements the prospectus dated October 4, 2021 (the "Prospectus"), which forms a part of our Registration Statement on Form S-1 (Registration No. 333-259755). This prospectus supplement is being filed to update and supplement the information in the Prospectus with the information contained in our Current Report on Form 8-K filed with the Securities and Exchange Commission on November 10, 2021.

The Prospectus relates to (a) the issuance by us of up to 13,920,979 shares of our common stock, par value \$0.0001 per share ("Common Stock"), upon the exercise of warrants, each exercisable for one share of Common Stock at a price of \$11.50 per share ("Warrants") and (b) the resale from time to time of (i) up to 67,262,510 shares of Common Stock, consisting of 53,361,531 shares of Common Stock and 13,920,979 shares of Common Stock issuable upon the exercise of Warrants and (ii) 5,732,168 Warrants by the selling security holders named in the Prospectus.

This prospectus supplement should be read in conjunction with the Prospectus. This prospectus supplement updates and supplements the information in the Prospectus. If there is any inconsistency between the information in the Prospectus and this prospectus supplement, you should rely on the information in this prospectus supplement.

Investing in our Common Stock and Warrants involves risks that are described in the "Risk Factors" section beginning on page12 of the Prospectus.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if the Prospectus or this prospectus supplement is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus supplement is November 10, 2021.

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT PURSUANT TO SECTION 13 OR 15(D) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of Report (Date of earliest event reported): November 10, 2021

Redwire Corporation

(Exact Name of Registrant as Specified in Charter)

Delaware	001-39733	98-1550429
(State or Other Jurisdiction of	(Commission File Number)	(IRS Employer Identification
Incorporation)		No.)

8226 Philips Highway, Suite 101 Jacksonville, Florida 32256 (Address of Principal Executive Offices) (Zip Code)

(650) 701-7722

(Registrant's Telephone Number, Including Area Code)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)	
Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)	

Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

□ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e 4(c))

Securities registered pursuant to Section 12(b) of the Act:

Trading Symbol(s)

Title of each class
Common Stock, par value \$0.0001 per share
Warrants, each to purchase one share of Common Stock
RDW
SDW
SDW
SW
Stock Exchange
Naw York Stock Exchange
New York Stock Exchange

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company ⊠

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. \Box

Item 8.01. Other Events. On November 10, 2021, Redwire Corporation, issued a press release, a copy of which is attached as Exhibit 99.1. Item 9.01. Financial Statement and Exhibits. (d) Exhibits. Exhibit Description Press Release dated November 10, 2021 SIGNATURE Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized. REDWIRE CORPORATION Dated: November 10, 2021 By:/s/ William Read William Read William Read

Chief Financial Officer

Redwire Corporation Announces Updates on Q3 2021 Earnings Release

JACKSONVILLE, Fla. (November 10, 2021) – Redwire Corporation (NYSE: RDW; "Redwire" or "the Company") announced yesterday it would reschedule its earnings announcement for the third quarter ended September 30, 2021, which had been previously scheduled for Wednesday, November 10, 2021.

On Friday evening, November 5, 2021, Redwire management was notified by an employee of potential accounting issues with a business subunit. Management promptly informed the independent Audit Committee of the Board of Directors. The Audit Committee has commenced an independent investigation. Given the timing of the recent notification, the Company has not finalized its financial statements and expects to file an NT-10Q. The Company has voluntarily reported the matter to the Securities and Exchange Commission.

Redwire remains confident in its business prospects and, to date, the Company has not identified any material misstatements or restatements of its previously filed financial statements.

About Redwire

Redwire Corporation (NYSE: RDW) is a leader in space infrastructure for the next generation space economy, with valuable IP for solar power generation and in-space 3D printing and manufacturing. With decades of flight heritage combined with the agile and innovative culture of a commercial space platform, Redwire is uniquely positioned to assist its customers in solving the complex challenges of future space missions. For more information, please visit www.redwirespace.com.

Investor Contact:

Michael Shannon investorrelations@redwirespace.com 904-425-1413

Cautionary Statement Regarding Forward-Looking Statements

The statements in this release include forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995 and Section 21E of the Securities Exchange Act of 1934, as amended. Forward-looking statements include, but are not limited to, those including such words as "anticipates," "believes," "remains," "will," and the negatives thereof or other comparable terminology, but the absence of these words does not mean that a statement is not forward-looking. Forward-looking statements also include other passages that are relevant to expected future events, performances, and actions or that can only be fully evaluated by events that will occur in the future. Forward-looking statements in this release include, without limitation, the Company's statements regarding its business prospects, its expectations and its and others' actions with respect to the investigation and related matters, expected financial condition and results. There are many factors, risks and uncertainties that could cause actual results to differ materially from those predicted or projected in forward-looking statements including, but not limited to, the findings of the investigation, accountants and other third parties, finalization of its financial statements and controls review, and factors, risks, and uncertainties detailed from time to time in the Company's filings with the Securities and Exchange Commission.