

FISCAL YEAR 2025

INNOVATION ACTIVITY

Technology Transfer & Commercialization

We help university researchers protect their intellectual property, evaluate its commercial potential and license these novel technologies to industry to produce products.

16

INVENTION DISCLOSURES

New technologies are reported to the technology transfer office for evaluation, intellectual property protection and licensing.

178

TOTAL STATS

25

INVENTORS

Inventions often involve multiple researchers from across the university's departments, colleges and campuses.

237

TOTAL STATS

7

PATENT APPLICATIONS

If the invention is eligible for patent protection, a patent application is filed with the U.S. Patent and Trademark Office (USPTO).

67

TOTAL STATS

2

U.S. ISSUED PATENTS

To see all of Embry-Riddle's patents, check out the *Inventing Tomorrow* wall located in the Student Union — Daytona Beach campus.

23

TOTAL STATS

4

DEPARTMENTS

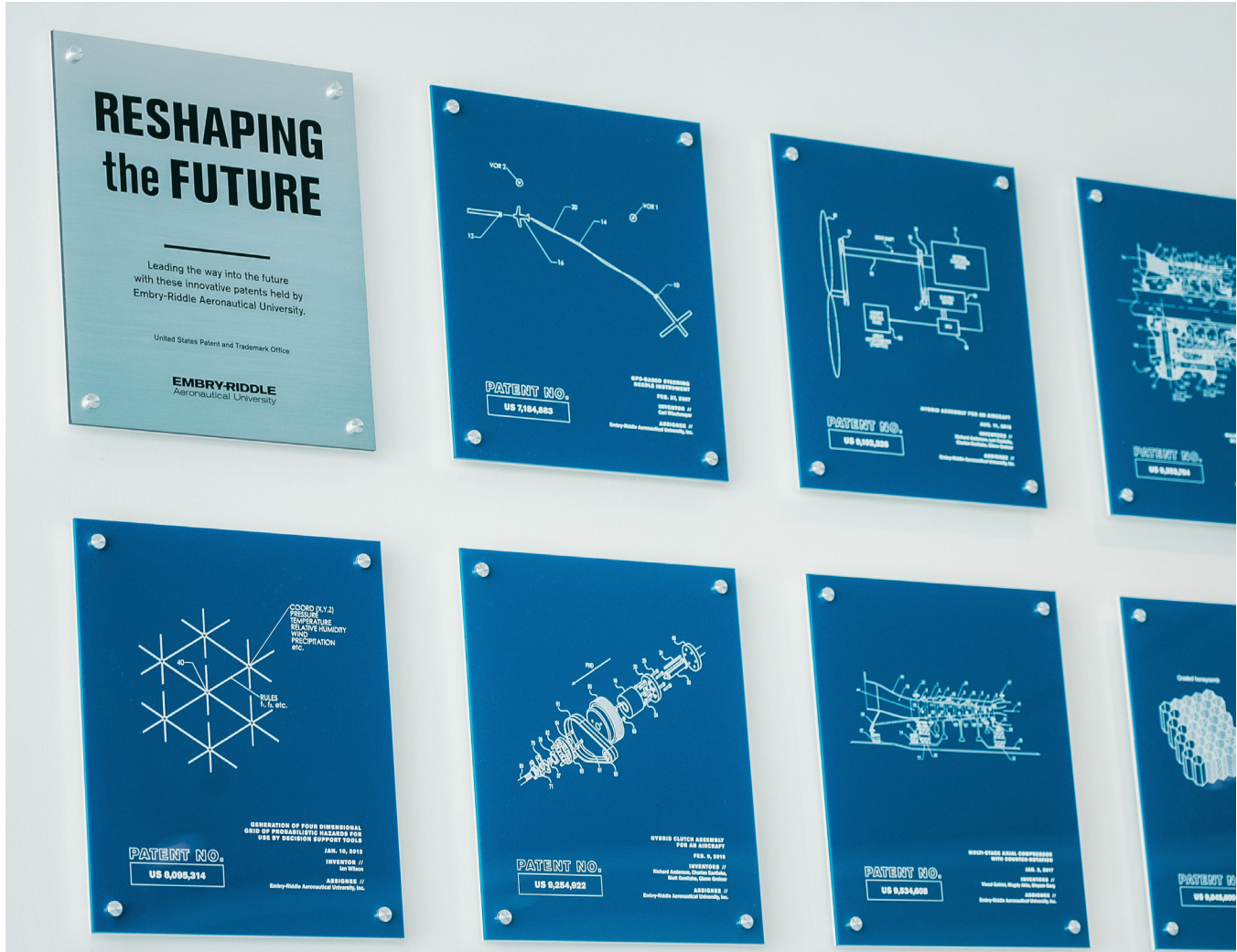
Research in departments from all three campuses are creating new, innovative technologies every day.

28

TOTAL STATS

ISSUED PATENTS

View Embry-Riddle's issued patents on the *Invention Tomorrow* display, Student Union, 3rd floor, or through our digital patent collection at erau.edu/research-and-innovation/technology-transfer/patents.



PENDING PATENT APPLICATIONS*

- ▶ **U.S. 2023/0397832** Electromagnetic vascular flow sensor and measurement technique | Eduardo Divo, Arka Das, Anthony Nunez
- ▶ **U.S. 2023/0234292** Additively manufactured engineered fingerprint (AMEF) antenna and related detection | Eduardo Rojas, Noemi Miguelez
- ▶ **U.S. 2024/0169113** Stiffness and strength-based concurrent shape and fiber path optimization of continuous fiber composites | Ali Tamijani, Zhelong He
- ▶ **U.S. 2024/0126947** Strength and stiffness optimization of coated structures with lattice infill | Ali Tamijani, Zhichao Wang
- ▶ **U.S. 2024/0372619** Beaconless laser alignment with beamforming | Eduardo Rojas, Chengtao Xu
- ▶ **U.S. 2025/0067900** Wind estimation for aircraft | Marc Compere, Kevin Adkins, Avinash Muthu Krishnan
- ▶ **U.S. 2025/0183527** Electromagnetic coupling structure for detachable wireless antenna feed | Eduardo Rojas, Amanda Schrand, Edwin Elston, Blake Roberts, Clayton Neff
- ▶ **U.S. 2025/0382945** Airfoil separation flutter for wind energy harvesting or flight control | Vladimir Golubev

*Patent applications that have not yet published for public inspection are not listed here