

# Airo Collective Summary

## Project Challenges

- Designing a case that is thin, protective, and capable of magnetically supporting its self on a vertical surface
- Working with overseas injection molding vendor
- Modeling the desired surface textures and a pre-bend into the hard case to ensure a close fit upon assembly
- Designing a case compliant with the Apple design guidelines / requirements

## Manufacturing Processes Used

- Injection molding
- Stamping
- Magnetization
- Pad printing

## Project Highlights

- Building relationships with the custom magnet manufacturer and injection molder in China.
- Field and use testing the case and all accessories.
- Designing the electromechanical drop tester to test per military grade drop test requirements



Wall mount



Action mount / Tripod mount



Car vent mount



Iphone 6, 6+, 7, and 7+ versions