



FRONTIER PRECISION
UNMANNED
uas@frontierprecision.com
www.frontierprecision.com/unmanned



ASTRO

Astro was built to power our professional and industrial partners. We designed the Astro from the ground up to achieve the perfect blend of efficiency, agility, and reliability while keeping the pilot workflow simple and fast.

Built on the success of the Alta family of aircraft, it includes new technologies like Auterion Skynode and Freefly's high energy density smart batteries. With Astro, we have emphasized expandability and customization to make sure it can stand up to all challenges thrown its way while still being the reliable workhorse drone that Freefly pilots know and love.

PILOT PRO

Enjoy precise camera and gimbal control with Pilot Pro. Discreet controls for all key drone and gimbal commands allow pilots to capture more and work faster. Machined from aerospace grade aluminum and built to keep up with you day after day. Pilot Pro has internal batteries and external hot swap batteries for 100% uptime.

Open PX4 flight stack - modify and adapt Astro for your use case.

Dedicated US based engineering, operations, and support team

Designed and assembled in United States

Training program for your team (at Freefly or onsite)

Robust testing and validation methodology
(we break things so you won't have to)

In depth documentation (Wiki, Knowledgebase, Tutorials)

Open and communicative team (we share CAD, test specs, engineering documents, wiki to help you integrate and succeed more quickly)

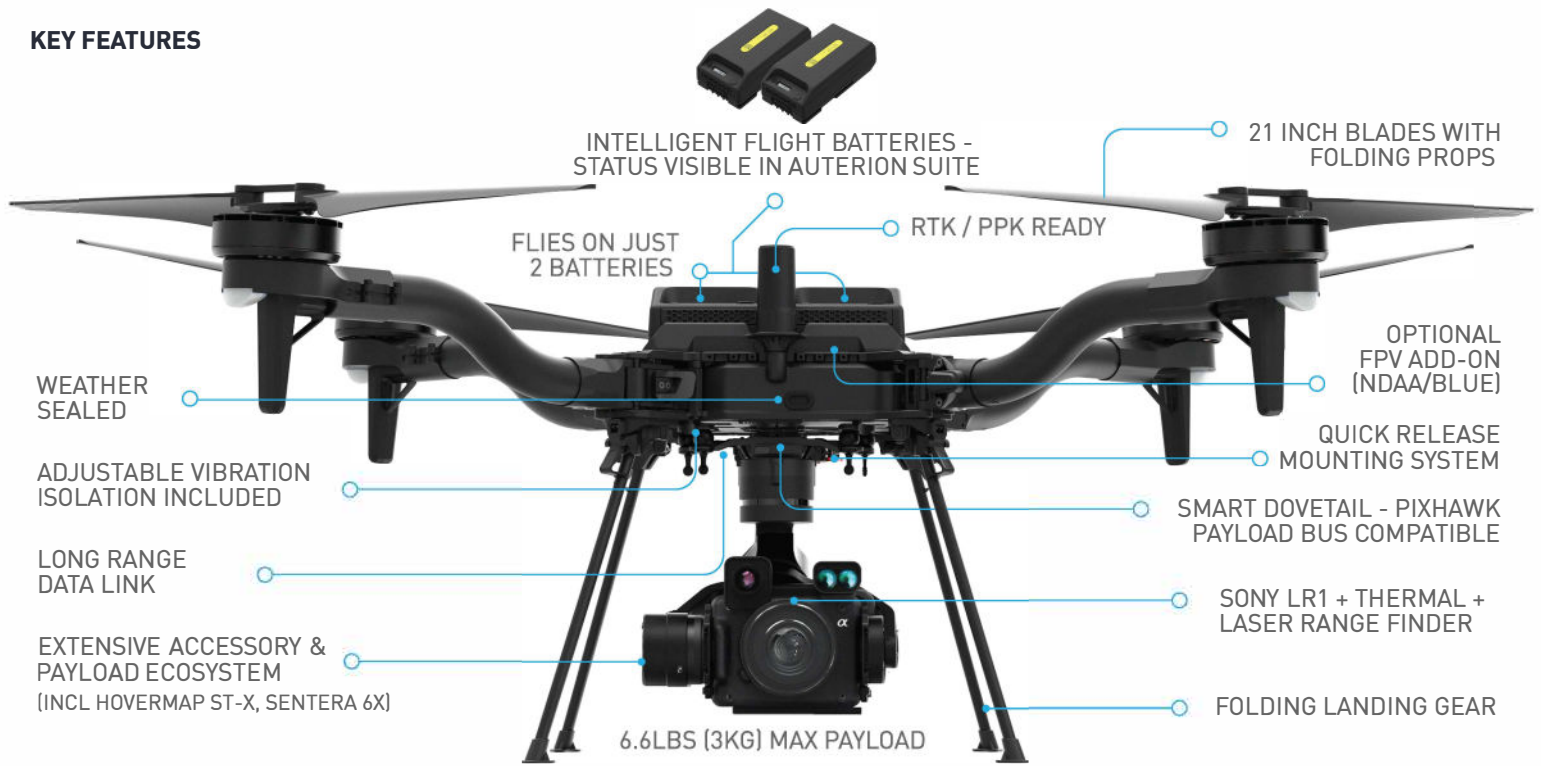
Customization - Our Engineering team is here to help you realize your integration or customization. We know how to get you in the air quickly and efficiently

Partners - Freefly is a pioneer in the drone industry. We have established partnerships with the best companies in the industry to help create a robust ecosystem that can tackle any problem

PAYLOAD	Sony LR1 - 61MP Camera
CONTROLLER	Freefly Pilot Pro
FLIGHT TIME	No Payload - 40 mins
FLIGHT TIME	with LR1 Payload - 28 mins
FLIGHT TIME	with MAX Payload - 20 mins
MAX PAYLOAD	3 KG / 6.6 LBS
POWER	2 x Freefly SL8 batteries
FLIGHT CONTROLLER	Auterion Enterprise PX4 (custom for Astro)



KEY FEATURES



Expandable - Astro features power and data expansion ports to help you integrate just about anything

40 MINUTE FLIGHT TIME WITH NO PAYLOAD,
28 MINUTE FLIGHT WITH 3.3LBS (1.5KG) PAYLOAD



Use our CAD and API to integrate the Pilot Pro controller with your robotics system.

Easily configure buttons with drop down menus to user preference.