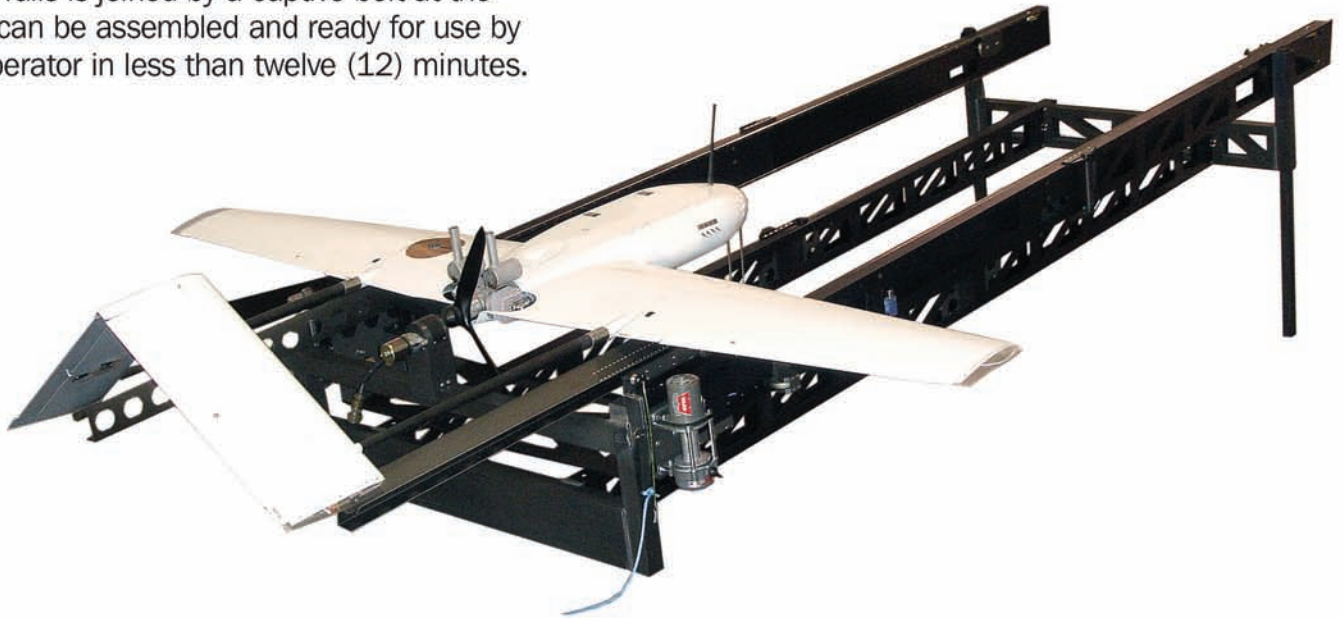


Pusher Prop Launcher

40 to 80 lb. Class Unmanned Aircraft

The pusher prop launcher is a sealed design and uses a small battery for operation. The launcher weighs approximately 270 pounds and is transported in 3 cases. The non-corrosive materials construction helps prevent the launcher from deteriorating in performance over time.

Each of the rails is joined by a captive bolt at the center and can be assembled and ready for use by a trained operator in less than twelve (12) minutes.



Pusher Prop Launcher

40 to 80 lb. Class Unmanned Aircraft

SPECIFICATIONS

| | |
|-----------------------|--|
| Launcher Weight | 123.3 kg (272 lb) Launcher Plus Control Battery Box |
| Launcher Footprint | 356 cm x 137 cm x 107 cm (140 in x 54 in x 42 in) |
| Packaged Size | 188 cm x 61 cm x 61 cm (74 in x 24 in x 24 in) When Packaged, Launcher Can Fit Into One Package |
| Arming | Dual Electric Winch |
| Assembly Time | 10 to 12 Minutes |
| Aircraft Weight Range | 18.1 to 36.3 kg (40 to 80 lb) |
| Launch Speed | 55.7 to 72.1 kph (34.6 to 44.8 mph) |

ESTIMATED LAUNCHER PERFORMANCE AT AIRCRAFT WEIGHTS

| Aircraft Weight (lbs.) | Estimated Launch Velocity at Weight (kts) | Estimated Acceleration (g) |
|------------------------|---|----------------------------|
| 40 | 38.9 | 8.5 |
| 50 | 36.1 | 7.3 |
| 60 | 33.7 | 6.4 |
| 70 | 31.8 | 5.7 |
| 80 | 30.1 | 5.1 |

Note: This table is based on standard shuttle configuration. Changes to that shuttle will cause variation in launch velocity.



Features & Options

- Easily assembled by one or two people in less than twelve (12) minutes
- Can be operated in remote locations with battery pack
- Designed for use in salt water environments
- Custom shuttle and launch point components

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