

Aerial Recon Drone

The Aerial Recon Drone is small drone craft to provide infantry and ground vehicles an “eye in the sky” during combat situations. It has been in use by the [Abwehrran Armed Forces \(AAF\)](#) since [YE 34](#).

About the Ship

The Aerial Recon Drone was designed specifically for giving ground troops a reconnaissance drone that is easy to carry and cheap enough to lose with no worries.

Key Features

The Aerial Recon Drone uses a set of four electronic propellers that keep it in the air with relative silence. Other than that, it comes equipped with an [Imaging Scanner Package](#) for passive detection.

Mission Specialization

The Aerial Drone is adept at:

- Near-Silent Reconnaissance
- Tracking

Appearance

A softball-sized drone that is half carbon fiber shell and half long grain plastic/carbon fiber mix, the Aerial Recon Drone is small enough to be carried by Light Infantry and cheap enough to mass-produce in large quantities. Four small protrusions along the sphere's equator hold four electric motors with rotors to give the drone flight capability.



With Propellers retracted



With Propellers extended

History and Background

In the Third Quarter of AF 260 [YE 33](#), veterans of the Khorsorvarolor Occupation were invited to [Kaiserlich F&E](#) to discuss priority in designing new technology for the [Abwehran Armed Forces \(AAF\)](#). One of the main issues was recon patrols running afoul of ambushes due to the lack of proper aerial recon support. Because of this, [Kaiserlich F&E](#) combined its knowledge with the resources of the [Northern Manufacturing Corporation](#) to produce a small and easily carried aerial drone for all branches to use in combat recon and information gathering.

Statistics and Performance

General

Class: ASD4 Type: Aerial Recon Drone Designers: [Kaiserlich F&E](#) Manufacturer: [Northern Manufacturing Corporation](#) Production: Mass-Production Fielded by:

- [Assault Legion](#)
- [Foreign Service](#)
- [Nachrichtendienst](#)
- [Schirmherrschaft](#)
- [Weltraumflotte](#) - Marine Corp

Passengers

Crew: 1 [Drone VIM](#)

Dimensions

Diameter: 27.9 centimeters (11 inches) Width (Props extended): 43.2 centimeters (17 inches) Mass:

141.7 grams (5 ounces)

Propulsion and Range

Aerial Velocity: 20 kilometers/hour Range: 5 hours of usage Lifespan: 1 Use Refit Cycle: After every use (if recovered)

Damage Capacity

See [Damage Rating \(Version 3\)](#) for an explanation of the damage system.

- Hull: 1 SP (Personnel Scale)

Inside the Drone

The Aerial Recon Drone is an unmanned tool. The inside is comprised of circuits and parts.

Ship Systems

Armored Hull and Hull Integrated Systems

The shell of the Aerial Recon Drone is comprised to two separate hemispheres: one of carbon-fiber and the other of a long-grain plastic mixed with carbon fiber to create a durable, yet transparent section.

Computers and Electronics

The Aerial Recon Drone uses a [CU-23](#) with a [Drone VIM](#) controlling it.

Detection

The Aerial Recon Drone is limited to and [Imaging Scanner Package](#) for detection purposes.

Communications

The Aerial Recon Drone uses a Microwave transmitter with a range of up to 10 kilometers and encryption software to communicate with either Light Infantry, Heavy Infantry, or Vehicles.

Propulsion

The ASD4 obtains flight via a series of four electric motors used to rotate propellers. It is powered by a single [Nuclear Battery](#).

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