

Revenant Power Armor R1-SPA (Separa)

Or also known as “Revenant” power armor, It is a suit designed by [Section 6](#) in [YE 39](#) for use by Saber units, a special forces department of Section 6 for the [OSO](#). The armor is a basic tri-layered suit, with attachable armor units, and secondary systems. It is meant to provide maximum protection against various weapon types, and has advanced stealth technology, but still allows the user as much flexibility as possible.

This particular variation was designed to be useable by [Separa Shan](#), the lower half being replaced with an armored tail sleeve.

About the Armor

Designed to provide Saber members with mobility, protection, and stealth capabilities for operation in dangerous environments behind enemy lines. the armor is also modular, allowing for ease of repair and upgrading. Saber teams need to be able to move fast, strike decisively, and be highly covert when the situation requires, the R1-SPA fills all these criteria.

With the occupation of Essia in [YE40](#), and the need for weapons and armor to retake it. [Section 6](#) developed a new variation of their premier power armor for Separa physiology.

Statistics & Performance

Here is the manufacturing data on the Mk I Separa variant.

- Class: S6-PA-1B
- Designers: [Department Of Advanced Research And Development \(D.O.A.R.A.D.\)](#)
- Manufacturer:[Department Of Engineering, Black Wing Enterprises](#)
- Fielded by: [New Dusk Conclave](#)
- Range: 2 months
 - Maintenance Cycle: Preferably after every mission, but 2 months if in extended use.
- Lifespan: 10 years

Price:	19,000 KS	38,000 DA	76,000 DS
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Appearance



The base suit looks like a sort of thick black body suit that covers the user from the chin down and the lower back of the head, with visible patches where the armor is attached. these patches are smooth compared to the hexagonal texture of the rest of the suit, and there is an upside down y shaped seam that is on the front of the torso where the suit opens to allow the user to get in and out. the suit seals and unseals through a control located on the suit's wrist. There are seal locks on the edge of the suit that comes up to the wears chin, where the helmet seals after being put on for protection against environmental hazards. The hands and feet look like they are covered in a segmented carapace like version of the same material of the rest of the suit. Finally on the back of the suit is what appears to be an almost looks like a flattened metal spine hugging along the user's spine, which has small lights in between each "vertebrae".

The torso armor is very convex in design in the front, almost like a hexagonal hump. It is not rounded, but edged in shape, with six visible sides to the chest area. It stops above the lower mid section, where the back section of the armor stops above the lower back. The back has two medium diagonally oriented thruster units built into the back, with a sort of vertical hump in between them that contains the power source, life support, and an additional shielding unit. A visible clamp is under each arm, and over both shoulders, which is how the armor is fastened on, and an armored plate moves from the top of the

armored back to cover the back of user's neck.

The arm armor consist of the gauntlets which look like armored gloves which are thicker on the back of the hand due to built in kinetic buffers, and there are armored segments magnetically attached to the back of the fingers and palm. The forearm armor is a shell that is conformed to the user's forearm that is split in two that magnetically clasp together, with a edged six sided elbow guard similar in appearance as that of the torso armor. Finally the upper arm is likewise covered in a cased armor shell, but with a reinforced pauldron with a built in kinetic buffer.

The lower half of the armor has been replaced with a sort of armored sleeve. It's the same base layer suit, but now fitted to be worn over a large snake like tail, and is covered in small armor plates linked to supportive spine like riggings. This allows for ease of movement while keeping the most amount of protection.

The helmet a three sided curved top, with a full face visor, two armor plates that are rhombus shaped that are bent around the sides which are moved to cover most of the visor making it look Y shaped in appearance for combat. The mouth or lower face section of the front of the helmet is covered with a stretched trapezoid shaped extension that has vents where the mouth would be. Finally the back of helmet includes a data jack port and a slot for chips and data modules, and the helmet does not cover the lower back of the head itself.

Advantages

The R1-SPA provides strong protection and increased strength, while also still able to be very agile and flexible.

Drawbacks

To provide such mobility, there is only a light power armor level of protection provided by the armor.

Mobility

The armor is designed to be Light in weight, equipped with thruster modules, as well as provide greater range of movement, and flexibility.

Armor Size

Height	6'6 feet or 2 1/3'2 meters (subject to user's height)
Width	3 feet or 1 meter
Length	6 foot or 2 meter
Weight	420 lb

Damage Capacity Stats

See [Damage Rating \(Version 3\)](#) for a guide to damage ratings to include.

- Body: Light power armor (DRv3 tier 4)
- Shield System: bubble shields rated for light power armor (DRv3 rated tier 4)

Getting In and Out

The torso seal of the base suit splits opens to allow the user to slip in to the suit, the synthetic muscles then stimulate conforming the suit to the user's body. Then the armor pieces are easily magnetically attached on with or without mechanical assistance. Finally just picking up the helmet and putting it on and activating it's seals to complete full equipment of the suit.

Controlling the Armor

Movement and use of the suit is stimulated by the slight movements of the users body. Sealing, unsealing, and removal of the armor pieces can be activated by a control located on the base suit's wrist.

History

[Jack Pine](#) met with his engineering and weapons division to come up with a specialized suit of power armor that would fit the physiology of a Separa, while keeping most of the performance requirements. And thus the R1-SPA Separa variation was designed and developed in [Section 6](#) labs and workshops, and to now enter final testing for shipment to Separa forces.

Systems

Propulsion

The back of the torso armor as well as tail have integrated thruster units, with those in the tail section being somewhat smaller. They do not allow sustained flight for more than ten seconds. The pair included on the back are high output, while the units on the tail are low output. These allow for high jump heights, accelerated scaling of walls/cliffs, high altitude landing, increased forward movement speed, short evasive maneuvers, as well greater mobility in dealing with obstructions and obstacles.

Armor

The base suit is composed of three layers, a layer of synthetic muscle in between two layers of kinetic, and energy resistant gel. In between each layer and the exterior are thin layers of nano weaved [Usonium](#). Providing complete protection from Pistols, shotguns, SMG's, and fragmentation. It is resistant to energy weapons, and rifles, anything large will not be stopped by the suit.

The armor components that are magnetically attached to the base suit are made of a light, but strong composite with embedded layers of nano-weaved usonium.

Camouflage

The R1-SPA features an experimental stealth technology called E.C.S. ([Electronic Camouflage System](#)), or active camouflage.

Life Support

The suit features life support, temperature control, and emergency medical systems located in the back section of the torso armor. Life support can sustain a person in space, or hazardous environments for at least three weeks. Temperature control systems ensure the user is kept in comfortable temperature conditions for harder temperature climates and to ease exhaustion from physically demanding activity.

Emergency Medical

Emergency medical systems include the administering of coagulants and sealants to where ever needed in the suit through administration tubes that run through out the base suit. This module of the torso back section is also capable of administering pain medication if needed. Also a small defibrillation unit is built into the chest area of the armor, for use if the user registers as flat lining. Finally an experimental technology is being researched to allow the suit to put the user in a stasis like state upon major critical injury.

Power Systems

The back of the Torso armor module contains two Aether taps to power the full suit with emergency power packs that can be recharged through thermal and kinetic energy conversion, and the base suit uses the user's body's own bio-electric discharge, kinetic energy, and thermal energy given off to provide what little energy is needed by the base suit.

Sensors and Communications

The helmet is equipped with a full suite of optical, IR, UV, and Low light sensors, with seismic sensors located in the boots. Communications include Satellite(if available), video, suit to suit relay, tight beam(limited to the direction of the beam), and standard radio(1LY range).

Weapons

Weapon systems currently are limited to standard hand weapons carried by un-powered armor personnel, as well as normal PA carried hand weapons.

Hardpoints

Currently the only hard points are those of the armor pieces attachment points, all other systems are built in. Further accessories are to be researched and upgraded in the future.

OOC Notes

[Jack Pine](#) created this article on 2018/08/14 29:07.

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Permanent link:
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Last update: **2023/12/21 01:49**

