Hermes Type Artificial Nepleslian

Hermes Type Artificial Nepleslians, drawing its name from an ancient god of travel and commerce, represents a unique blend of physical agility and cognitive prowess. Initiated in YE 42 as a response to the need for specialized linguists and traders in the aftermath of the Kuvexian War, the Hermes Type was developed as part of an experiment to imbue Artificial Nepleslians with capabilities akin to the more organic abilities of Nekovalkyrja.

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YE Production Began	YE 44
Designers	Athena Foundation
Manufacturer	Nepleslian Research and Manufacturing
Nomenclature	NRM-AN6-1A
Used By	Nepleslian Reds
Availability	Mass Production
Price	500 KS

History

Despite their work with the development of the Artificial Nepleslian types such as the Raijin and Tenjin, many researchers of the Athena Foundation have always been slightly jealous of the work of long defunct PNUgen Corporation. With an aim to rediscover their secrets with as little information that they do, they decided to in YE 37 to initiate Project Hermes with an aim to create an individual that mirrored as much as the Nekovalkyrja's biosythentic abilities in a completely organic "platform".

The project lasted 7 years with very little progress towards a "natural" Neko. As it turns out the human mind is not adaptable for psionics nor can the biochemical nature of the brain really process digital information without the help of cybernetics. As cybernetics could be used to augment all Nepleslian Reds, the Foundation devoted resources poured into Hermes into their cybernetics division and submitted the Hermes Type to the Fujiko Development Corporation as a scout/exploration specialist they anticipated they were going to need.

Physiology

Hermes Types exhibit a set of physical adaptations tailored to their roles in navigation, communication, and commerce. Known as Fengzu when their genetic template is applied to Lily Type Artificial Nepleslian.

Average Stats	
Male Height	190cm
Female Height	175cm
Male Weight	75kg
Female Weight	55kg
Build	Lean
Physical Appearance	Athletic and agile physique
Measurements	85B-60-85 (in centimeters)

Genetic Engineering

At the core of their Hermes Type is a significant focus on agility, achieved through modifications to their musculoskeletal system with strategic alteration of genes related to muscle fiber composition, favoring fast-twitch fibers essential for quick, explosive movements. Combined with joint flexibility and tendon strength genetic alterations, Hermes Types are capable of performing fluid and agile movements.

To complement their agility to achieve continued quick movements, cognitive enhancements have been done to the brain. Specifically in areas responsible for spatial reasoning and navigation such as the parietal lobes and the hippocampus. These modifications lead to an improved understanding and memory of spatial environments, superior map-reading skills, and an innate sense of direction.

Hermes Types have genetically engineered enhancements to their cardiovascular and respiratory systems that differs from other artificial Nepleslians. These adaptations aim to improve the efficiency of blood oxygenation and energy metabolism within muscle cells, allowing them to sustain physical activities over extended periods. Though they have the same stronger hearts that operate at an efficient 54 beats per minute at rest thanks to modifying genes responsible for cardiac muscle function to contract

more efficiently and greater strength and a modified sinoatrial node, the heart's natural pacemaker, to ensure a steady heart rate while active.

The Hermes Types' cognitive abilities are also notably enhanced, focusing on rapid information processing and decision-making. This involves boosting neuron connectivity and efficiency, particularly in the frontal lobes, which are crucial for problem-solving and planning. Enhanced synaptic plasticity ensures faster learning and adaptation to new situations and information.

Finally, Hermes Types have specialized neural adaptations that enhance their proficiency in languages and cryptology. By improving areas related to language processing and pattern recognition, Hermes Types become adept at quickly learning new languages and deciphering linguistic patterns. Their pattern recognition abilities extend to cryptology, enabling them to understand and decode complex communication systems.

Augmentations

Hermes Type Artificial Nepleslians typically do not receive cybernetic or nanite augmentations during their manufacturing period.

Usage

The Hermes Type Artificial Nepleslians, with their combination of physical agility and cognitive enhancements, are well-suited for a variety of roles that require mobility, communication skills, and quick thinking.

- Personalized Messengers and Couriers: Their affinity for 🔗 parkour and enhanced agility make them ideal for roles that require fast and efficient message delivery across complex urban landscapes.
- Linguists and Cryptologists: Their enhanced cognitive abilities in language processing and pattern recognition enable them to excel as linguists and cryptologists, crucial in diplomatic missions and intelligence operations.
- Navigators and Explorers: Their superior spatial awareness and navigational skills equip them for roles in exploration and navigation, whether on land, sea, or space.
- Traders and Economic Envoys: With their quick thinking and communication skills, Hermes Types are effective in trade negotiations and economic diplomacy, facilitating commerce and economic development.

OOC Notes

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