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INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

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[Redacted]

COUNTRY USSR

REPORT NO. [Redacted]

SUBJECT Characteristics of the Soviet
SP-5 and P-5 Aerodynamic
Missiles

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CHICKADEE

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[Redacted] Comment: What follows is a verbatim English translation of notes taken by source in Russian. Source selected only portions of the document to copy. Paragraph numbers have been added for ease of reference. The Russian language original is included.

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1. A new missile, "SP-5", has started to enter into service. The SP-5 missile is built on the basis of the P-5 missile. (This is a submarine missile mounted on submarines and a few other naval vessels.) This missile was modified, given the designation "SP-5" (special), and is now being introduced in the Ground Forces.

2. Some characteristics of the missile:

- a. The missile is winged, i.e., upon leaving the launcher, two wings emerge from channels (for stabilization in flight).
- b. The length of the missile is 17 meters.
- c. The dry weight of the missile is about 1.5 tons.
- d. The weight of the fueled missile is about 5 tons.
- e. The basic fuel is kerosene.
- f. The flight range is 600 km.
- g. Trajectory height is 1,000 meters.
- h. The warhead can also carry an atomic charge.
- i. Launch is not vertical but inclined, from a special launcher.
- j. As oxidizer, atmospheric oxygen is used.

The P-5 missile can be launched from a submarine while it is submerged.

3. Source Comment: Thus, there are three types of missile with the index "5" -- the "R-5", the "P-5", and the "SP-5"; the last-named missile is still called "the winged one (krylatka)". The R-5 is a ballistic missile with a range in excess of 1,000 km, but no further details are known.

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РАКЕТА СП-5

Начала поступать на вооружение новая ракета "СП-5".

Ракета СП-5 сделана на базе ракеты "П-5" (существует такая подводная ракета, установленная на подводных лодках и на некоторых других морских судах). Эта ракета была несколько модернизирована, получила название "СП-5" (специальная) и в настоящее время внедряется в сухопутных войсках.

Некоторые данные ракеты:

- ракета крылатая, т.е. при сходе с установки из пазов выходят два крыла (для стабилизации в полете).
- длина ракеты 17 метров.
- сухой вес ракеты около 1,5 тонны.
- вес заправленной ракеты около 5 тонн.
- основное горючее - керосин.
- дальность полета ракеты - 600 км.
- высота траектории - 1000 метров.
- головная часть ракеты может нести и атомный заряд.
- старт не вертикальный, а наклонный со специальной пусковой установки.
- в качестве окислителя используется вод воздуха.

Ракета "П-5" может запускаться с лодки, находящейся в подводном положении.

Итак, с индексом "5" существуют три вида ракет: "Р-5", "П-5" и "СП-5" - эту ракету называют еще "крылаткой".