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Soviet Science and Engineering

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Soviet Science & Engineering

The Soviet "secret weapon" is science.

The Soviets promote scientific achievement with enormous resources of money and manpower, primarily as follows:

1. Soviet Education.

50 % of curriculum of public schools.

Institutes, Technikums and Universities.

65% of Moscow University.

2. Scientific Research.

Academy of Science (1726).

Elite body -- 200 full members plus 300 "candidate members".

Directs research of 250,000 scientists.

3. Incentives and Awards.

President Malot (Cornell) says:

"The Soviets are becoming Capitalistic almost faster than the Western world is embracing Socialism."

Article 118 of Constitution guarantees payment for work "in accordance with its quantity and quality".

The new aristocracy.

Scientists -- \$50,000/\$100,000 per year.

4. Utilization of Western Knowledge.

Soviet "abstracting" service.

2,000 Soviet scientific journals not available to West.

* * *

Export of Scientists and Engineers

Senator Benton -- "Soviets are "producing almost 3 times as many new engineers" as the United States.

Soviets will train 1,200,000 engineers as compared with 800,000 in the United States during decade 1950-1960.

Soviet "surplus" is being exported.

Clever way to disseminate Communism.

* * *

Issue May Be American Survival

Committee of House of Representatives
on Astronautics and Space Exploration
concluded:

"If a stumbling block exists (to American survival), it will probably be found in one of two directions, namely (1) within our educational program where, relative to the Soviet Union, too few scientists and engineers are being trained ...".

Soviet Science & Engineering (Secret Weapon)

Soviets promote scientific achievement with enormous resources of money & manpower, primarily as follows:

1. Education 50% of Curriculum
65% - U. of Moscow

2. Scientific Research

Academy of Sciences (1726)

Elite Body { 200
300 candidate members

250,000 Scientists

New Budget { Defense - 24,000,000,000
Research 6,800,000,000

3. Incentives & Rewards

Pres. Malot (Cornell) says:

"The Soviets are becoming Capitalistic almost faster than the Western World is embracing Socialism."

Art 118 of Const.

New Aristocracy

Scientists - \$50/100,000

4. Utilization of Western Knowledge

"Abstracting service"

2000 journals in Russia

Export of Scientists + Eng.

Senator Benton - 3 times
as many

Part of Soviet Foreign Aid

(Separate Card)