

CLASSIFIED
 Mandatory Review
 Class of 2008 11/25/ISCAP
 Exemption In-3

USSR: THE SOVIETS ARE ADDING NEW TRAINING FACILITIES TO PREPARE THEIR COSMONAUTS FOR FUTURE MANNED SPACE FLIGHTS.

SINCE EARLY THIS YEAR, SATELLITE PHOTOGRAPHY OF THE COSMONAUT TRAINING CENTER AT STAR VILLAGE NEAR MOSCOW HAS SHOWN SEVERAL LARGE BUILDINGS UNDER CONSTRUCTION. ALTHOUGH THE LIVING AREA OF THE VILLAGE HAS UNDERGONE SEVERAL EXPANSIONS, THIS IS THE FIRST MAJOR ENLARGEMENT OF THE TRAINING AREA SINCE STAR VILLAGE WAS ESTABLISHED PRIOR TO THE FIRST SOVIET MANNED SPACE FLIGHT IN 1961.

THIS EXPANSION OF FACILITIES IS EVIDENCE OF THE SOVIETS' CONTINUING COMMITMENT TO THEIR MANNED SPACE PROGRAM. FUTURE MISSIONS ARE EXPECTED TO BE MORE COMPLEX AND INVOLVE LARGE SPACE STATIONS OPERATING IN EARTH ORBIT. IN A RECENT PRESS INTERVIEW, GENERAL VLADIMIR SHATALOV, CHIEF OF THE SOVIET COSMONAUTS, STATED THAT ONE OF THE NEW BUILDINGS WILL BE EQUIPPED WITH A SALYUT SPACE STATION SIMULATOR. THE FIRST SALYUT WAS LAUNCHED IN APRIL 1971 AND LATER WAS MANNED FOR 23 DAYS BY THREE COSMONAUTS FROM SOYUZ 11.

THE USE OF MODERN SIMULATORS IS A RELATIVELY NEW FEATURE OF THE SOVIET SPACE PROGRAM. UNTIL THE FIRST MANNED SOYUZ FLIGHT IN 1967, PRE-FLIGHT COSMONAUT TRAINING INVOLVED THE USE OF RELATIVELY SIMPLE EQUIPMENT WITH THE PRIMARY EMPHASIS ON PHYSICAL CONDITIONING. THE FIRST COSMONAUT, YURI GAGARIN, HAD LESS THAN A MONTH OF TRAINING IN A CENTRIFUGE AND LITTLE SIMULATOR TRAINING PRIOR TO HIS FLIGHT. THE SOVIETS HAVE BEEN USING MORE SOPHISTICATED TRAINING DEVICES DURING THE PAST FEW YEARS, INCLUDING A MODERN SWEDISH CENTRIFUGE AND A SOYUZ SIMULATOR.

THE SOVIETS HAVE ABOUT 50 COSMONAUTS IN TRAINING--THE US HAD ABOUT THE SAME NUMBER OF ASTRONAUTS IN TRAINING AT THE PEAK OF THE APOLLO PROGRAM. COSMONAUT PREPARATION FACILITIES AT THE TYURATAM TEST RANGE HAVE BEEN EXPANDED OVER THE YEARS AND THE SOVIETS CAN NOW KEEP UP TO FIVE TEAMS THERE AT ONE TIME. THESE FACILITIES COULD BE USED FOR ALTERNATE CREWS NEEDED TO MAN FUTURE SPACE STATIONS.

(continued)

14 Sep 72

Central Intelligence Bulletin

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ANOTHER SOVIET MANNED FLIGHT APPEARED IMMINENT
DURING THE LAST SEVERAL DAYS. 50X1
50X1

50X1 CIA Statute

14 Sep 72

Central Intelligence Bulletin

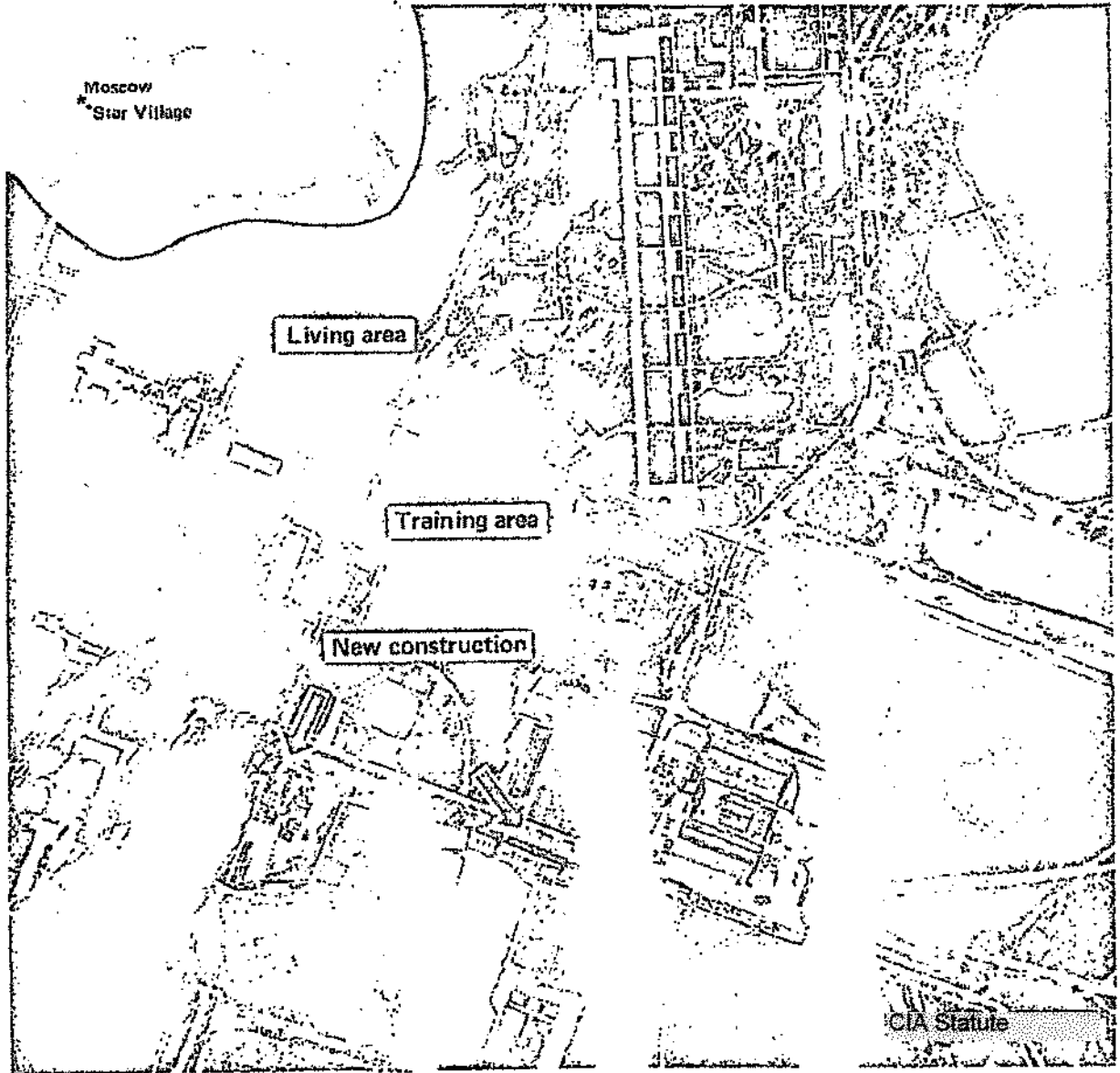
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CIA Statute

CIA Statute

Soviets Expanding Cosmonaut Training Facilities



CIA Statute

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CIA Statute

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