

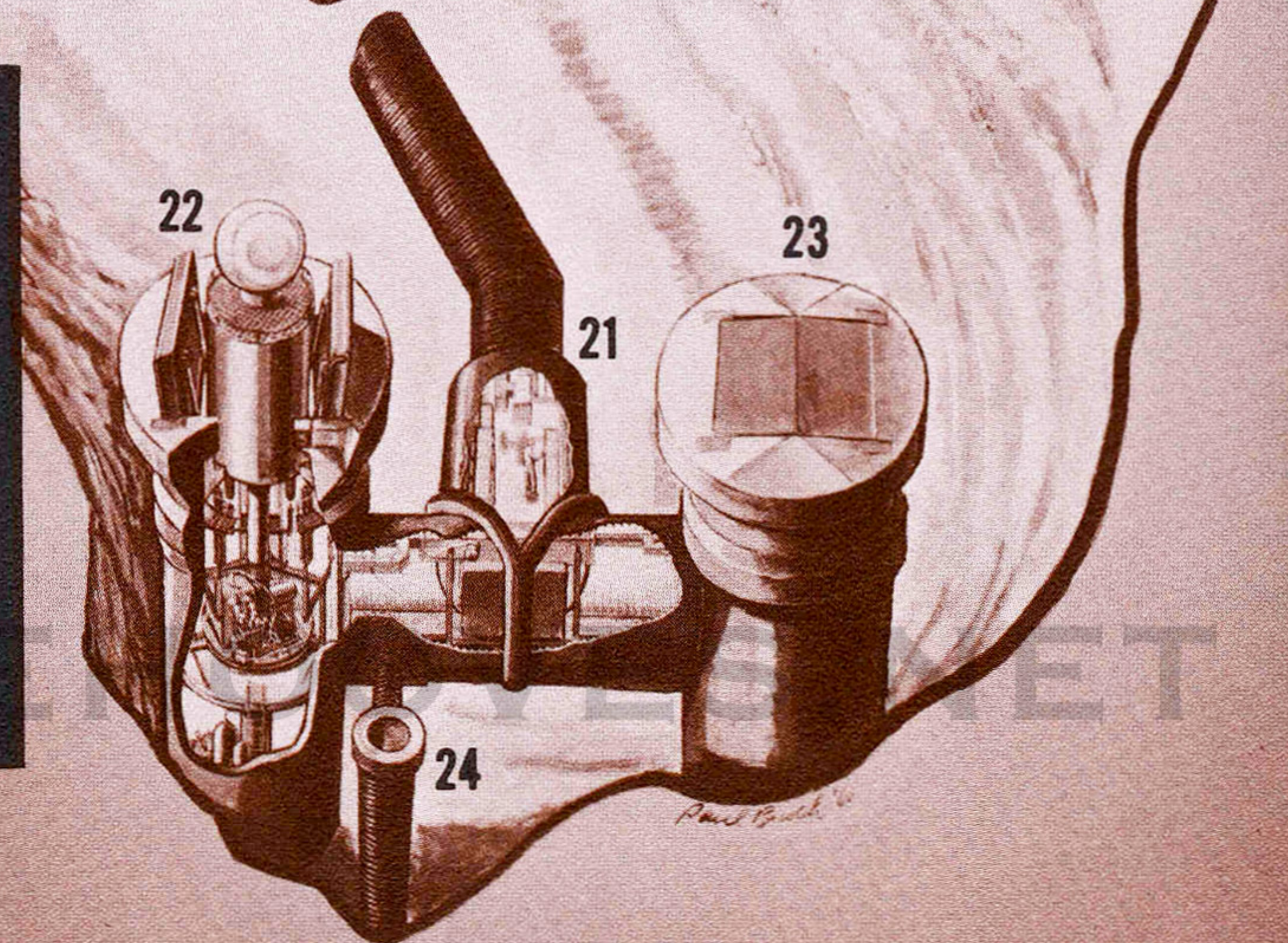
TITANS
IN
THE
EARTH

MARTIN

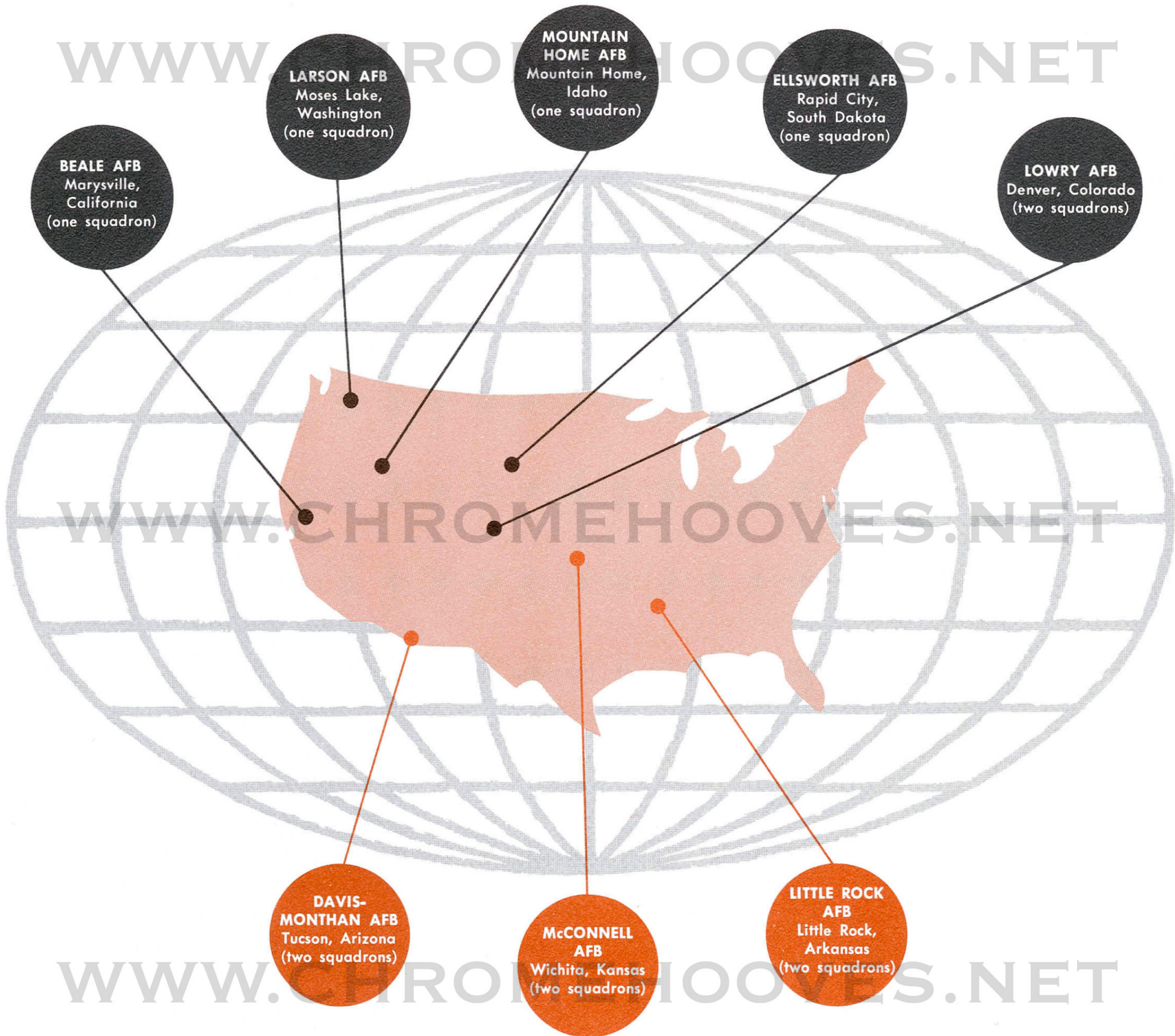
1. Lox fill & vent
2. Launch silo
3. Equipment terminal
4. Propellant terminal
5. Lox tank
- 6-7. Blast locks
8. Launcher area air filtration facility
9. N₂ tank
10. Missile fuel tank
11. Powerhouse air filtration facility
12. Powerhouse
13. Diesel oil tanks
14. Powerhouse exhaust facility
15. Portal
16. TV camera & instrument mounts
17. Water storage tanks
18. Control center
19. Chemical waste clarifier
20. Personnel tunnel
21. Antenna terminal
22. Antenna No. 1
23. Antenna No. 2
24. Exhaust vent
25. Sewage stabilization pond

I TITAN

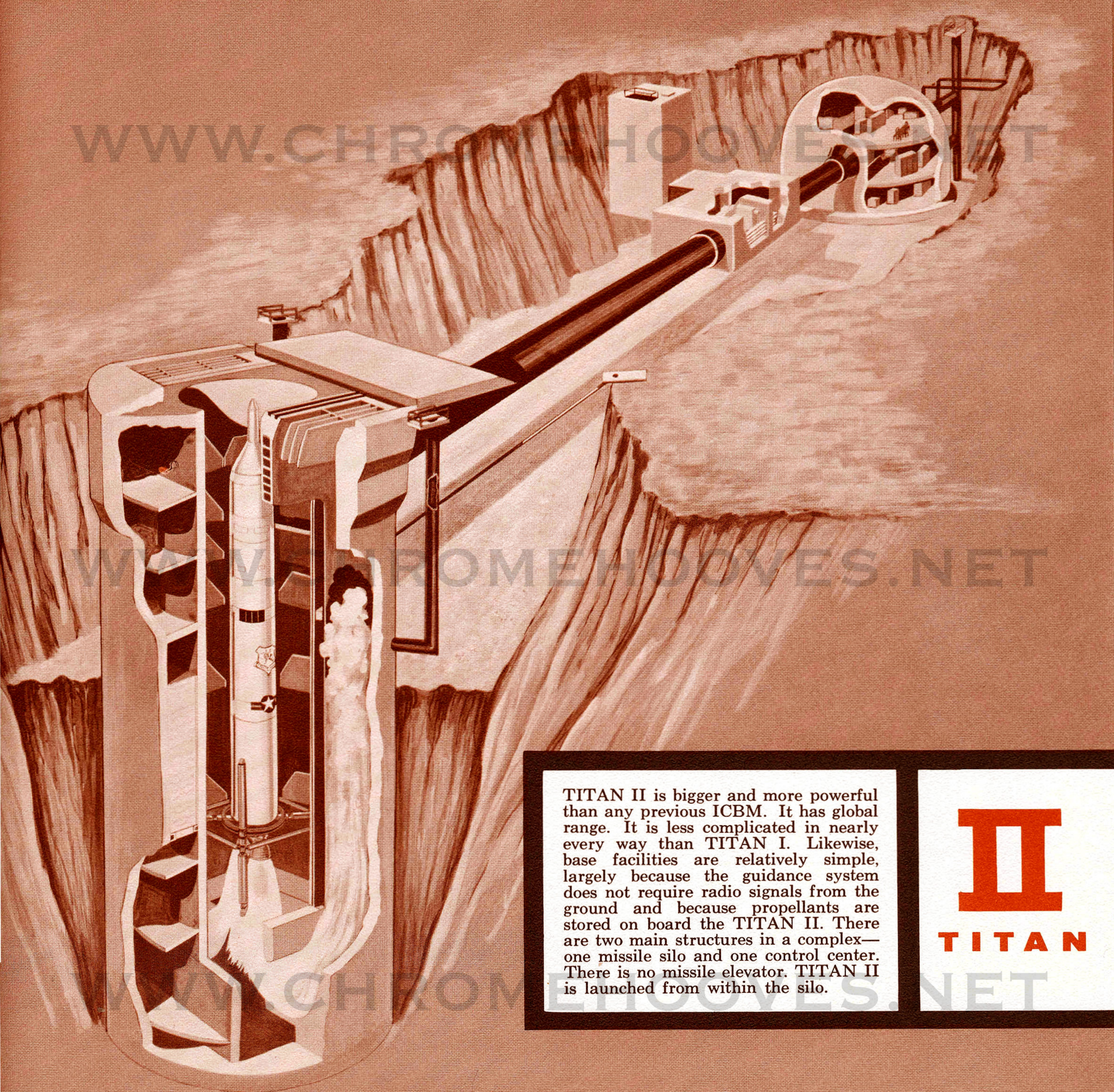
A TITAN I complex is basically three missile silos, two radio antenna silos, a dome-like control center, a powerhouse, also domed, and connecting pedestrian tunnels. Each missile silo has, nearby, propellant and equipment terminals. When a launch is ordered, TITAN I rises on an elevator from its resting-place and is fired from ground level.



Operational bases announced by the Air Force are:



● Titan I Bases ● Titan II Bases



TITAN II is bigger and more powerful than any previous ICBM. It has global range. It is less complicated in nearly every way than TITAN I. Likewise, base facilities are relatively simple, largely because the guidance system does not require radio signals from the ground and because propellants are stored on board the TITAN II. There are two main structures in a complex—one missile silo and one control center. There is no missile elevator. TITAN II is launched from within the silo.

II

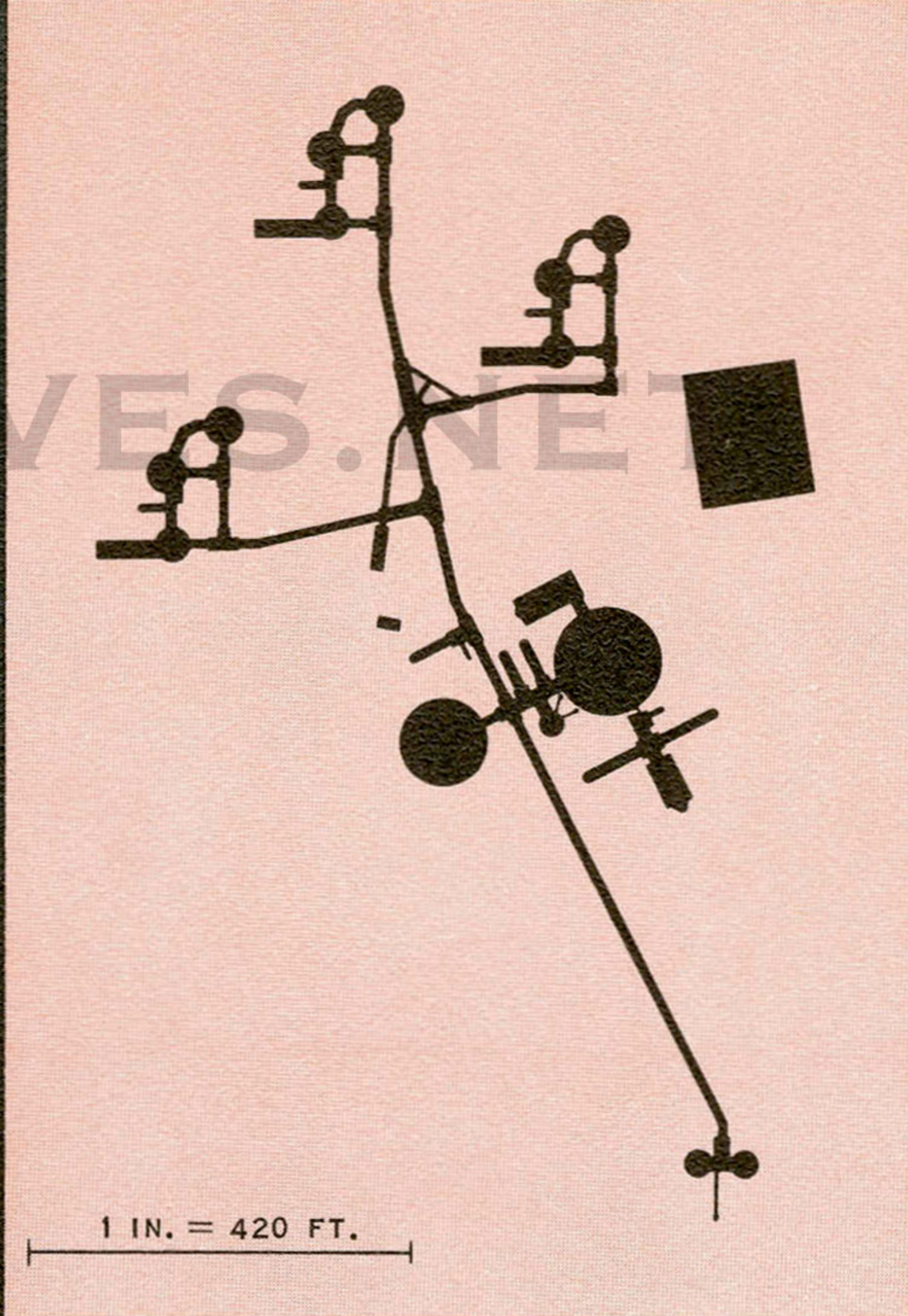
TITAN

The TITANS stand guard beneath a massive shield of earth, concrete and steel—weapons of peace to discourage aggression. On the surface a TITAN base looks like the surrounding countryside, but for an occasional concrete slab door or air vent. Under the surface are the most intricate structures ever built by men, fortresses designed to survive atomic attack and retaliate.

TITAN'S underground base is designed to withstand tremendous heat and shock waves without harm to the weapon system and the men who operate it.

The hardware and bases are only a visible sign of the TITAN story, however. The TITANS have come into being through the coordinated efforts of a strong, dedicated, military-industry team under the management of the Air Force Systems Command. The missile—a product of The Martin Company, Denver Division, and its associate contractors. The hardened bases—supervised by the U. S. Air Force Ballistic Systems Division (and constructed under the direction of the U. S. Army Corps of Engineers Ballistic Missile Construction Office).

As the sites take shape, other specialized units of the U. S. Air Force are concurrently active to assure an orderly transition of the complex from the builder to the user. The Site Activation Task Force (SATAF) coordinates all on-the-scene activities. The Air Training Command schools the Air Force missilemen who will be assigned to the operational bases—and, finally, under the crest of the Strategic Air Command, the war deterrent force of the Free World grows ever stronger, using the largest ICBM's in our arsenal—the TITANS.



TITAN I BASE PLAN



TITAN II BASE PLAN

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THE MARTIN COMPANY HAS BEEN DESIGNATED THE COORDINATING CONTRACTOR FOR ACTIVATION OF THE TITAN BASES.

Associated with Martin are:

- A. C. SPARK PLUG
- A. D. LITTLE COMPANY
- AEROJET-GENERAL CORPORATION
- AERONUTRONICS DIVISION (FORD MOTOR COMPANY)
- AMERICAN MACHINE & FOUNDRY COMPANY
- AVCO MANUFACTURING CORPORATION
- DANIEL, MANN, JOHNSON & MENDENHALL
- GENERAL ELECTRIC COMPANY
- KELLOGG SWITCHBOARD AND SUPPLY COMPANY
- REMINGTON RAND UNIVAC
- STROMBERG-CARLSON
- WESTERN ELECTRIC COMPANY (BTL)

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