

JOINT PHOTOGRAPHIC INTELLIGENCE BRIEF

ARMY-NAVY-CIA

(Published and Disseminated by CIA/PIC)

SUBJECT : Rocket Engine Static Test Stand, NO : PIC/JB-117/60
Kurumoch Propulsion Test Complex DATE: 3 August 1960
LOCATION: 8 nm W of Kurumoch, USSR LAT : 53°31'N
WAC : 0165 LONG: 49°49'E

MAPS or CHARTS

ACIC. US Air Target Chart, Series 200, 0165 - 17A, 3rd ed, Feb 60,
scale 1:200,000 (S)

DOCUMENTS

CIA. PIC/JB-5/60, Possible Rocket Propulsion Test Complex,
18 Jan 60 (TSC)

25X1D

Air, AFIC-PIB. TH0431-60, Kurumoch Rocket Engine Test Stand,
Mar 60 (TSC)

25X1D

REMARKS

A rocket engine static test stand, under construction in [REDACTED]
[REDACTED] is located 24 nautical miles northwest of Kuybyshev, USSR, between
the Kurumoch Airfield and a large industrial complex under construction at
Stavropol. This test facility is situated within an isolated and secured
static test area (see Figure 1), which is one of three areas comprising the
over-all Kurumoch Propulsion Test Complex.

The test stand (see Figure 2) is being constructed within a large
excavation in the side of a hill which borders a small valley extending
through the secured area. The stage of construction at the time of photog-
raphy indicates that the test stand will probably be a three-bay reinforced
concrete structure measuring [REDACTED] feet and approximately [REDACTED] feet high.

25X1D

Declass Review by
NIMA/DOD

VITAL RECORDS COPY

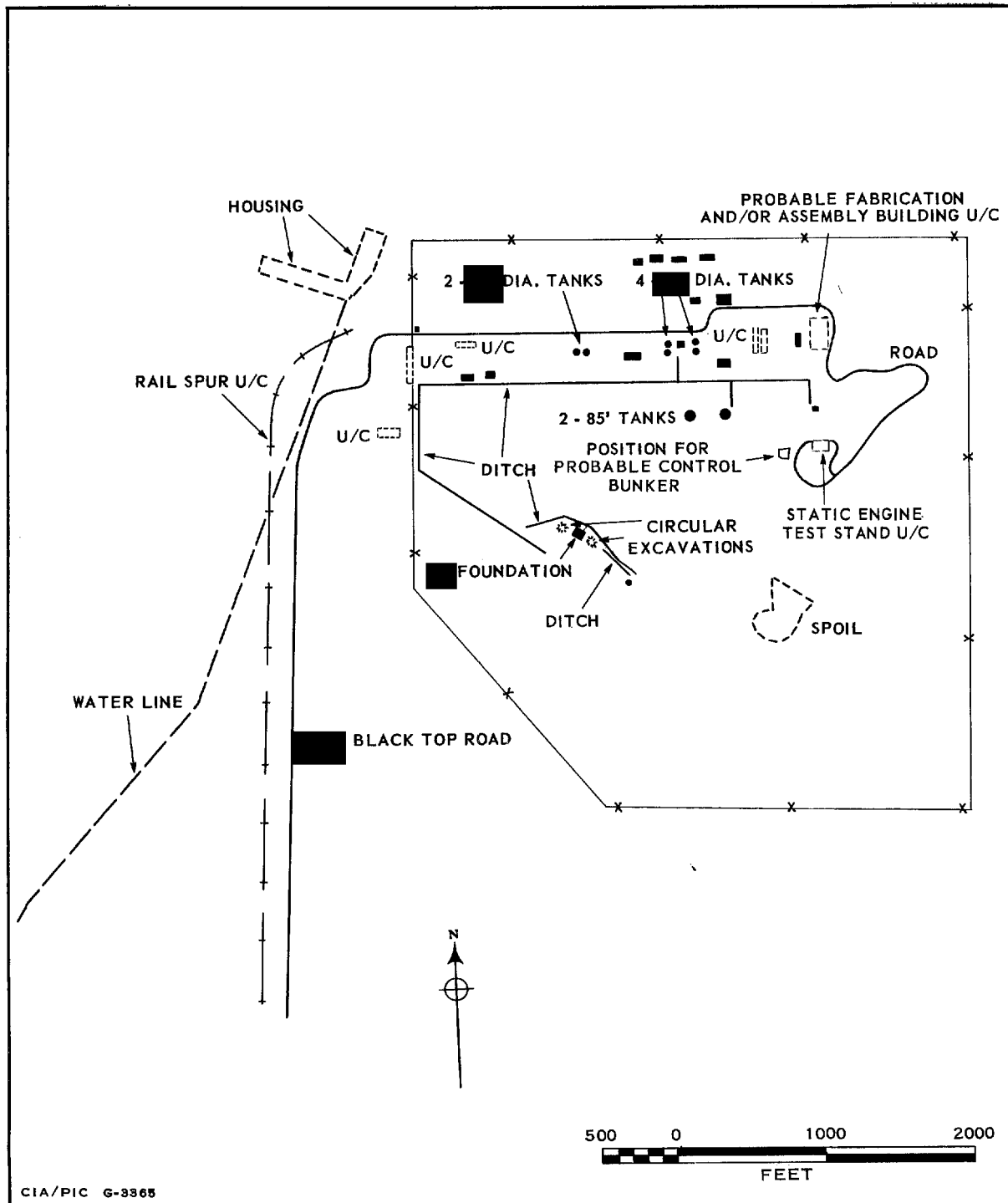


FIGURE 1. KURUMOCH PROPULSION TEST FACILITY

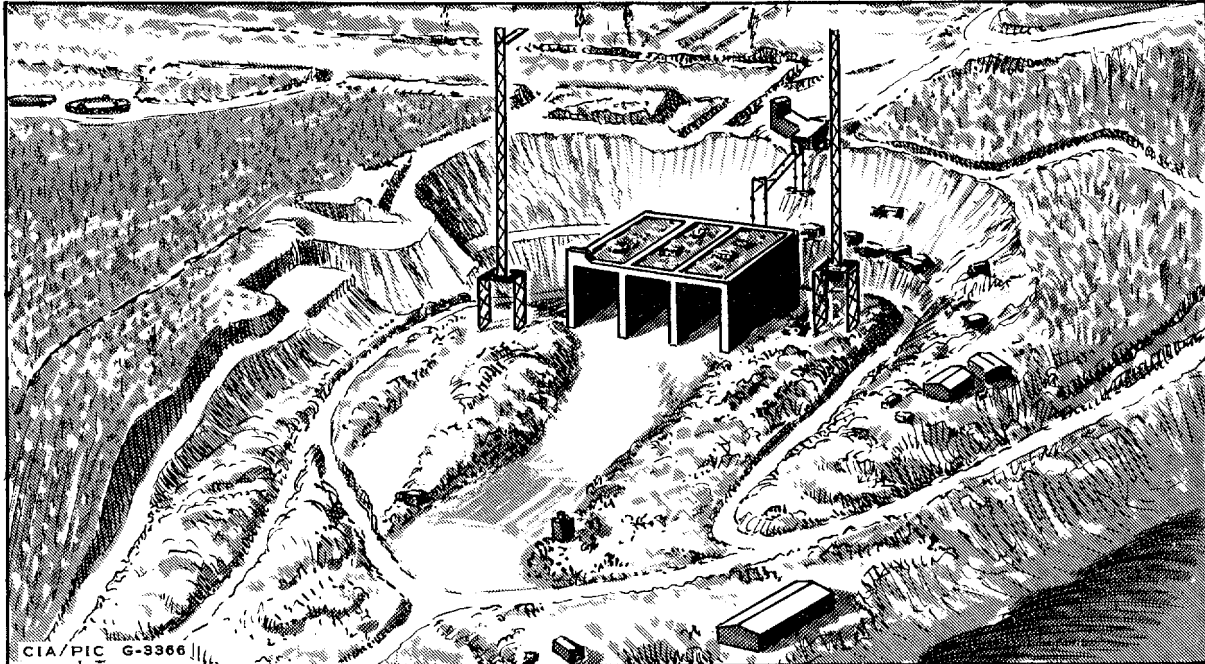


FIGURE 2. ROCKET ENGINE STATIC TEST STAND

25X1D The excavation measures approximately [REDACTED] feet at its base, with a lip measurement of 525 by 440 feet. The height from the base of the excavation to the lip is 80 feet. On the western side of the excavation is a cut [REDACTED] probably for a control bunker. A steel structure for servicing the test stand is being constructed to bridge the space between the lip of the excavation and the test stand.

25X1D With presently available information, it cannot be determined what type of liquid propellants will be utilized in the static firings; however, a joint study of this problem is under way.