

~~TOP SECRET~~

COMPARATIVE ICBM ESTIMATES

DECEMBER 1958

JANUARY 1960

IOC DATE

LAST YEAR: SOMETIME IN 1959 WITH PROTOTYPE MISSILES

THIS YEAR: BY 1 JAN. 1960 WITH SERIES PRODUCED MISSILES

NUMERICAL PROJECTIONS

MID-1960

MID-1961

MID-1962

LAST YEAR THIS YEAR

LAST YEAR THIS YEAR

LAST YEAR THIS YEAR

INVENTORY
ON LAUNCHER

[Redacted area]

MISSILE CHARACTERISTICS

RANGE

PAYLOAD

GUIDANCE

CEP(RADIUS)

RELIABILITY

LAST YEAR

[Redacted area]

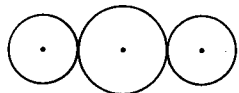
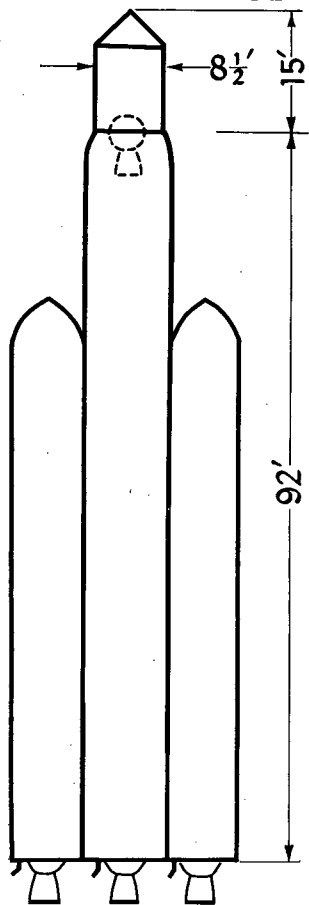
THIS YEAR

* [Redacted area]

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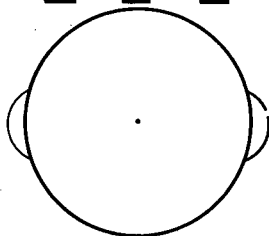
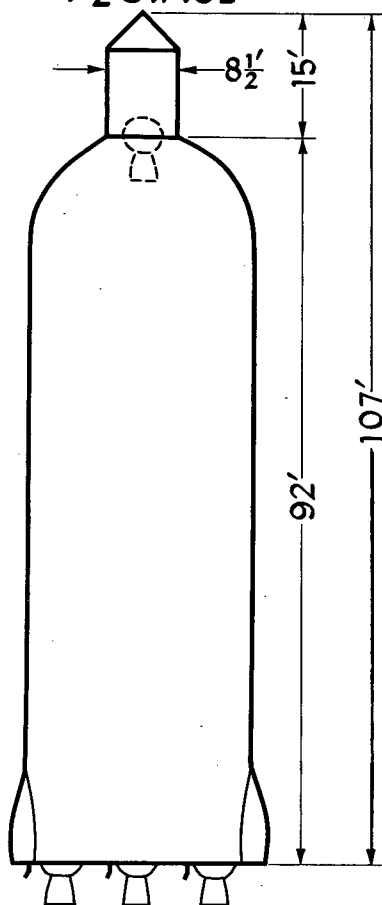
POSTULATIONS OF LUNIK LAUNCHING VEHICLE CONFIGURATIONS

PARALLEL STAGE



TOP VIEW

1 1/2 STAGE



PARALLEL STAGE

GROSS WEIGHT = 400,000 - 550,000 LBS.

THRUST = 600,000 - 800,000 LBS.

FIRST STAGE BURNING TIME = 118 SECONDS

SECOND STAGE BURNING TIME = 304 - 310 SECONDS

LAST STAGE GROSS WEIGHT = 18,000 LBS.

1 1/2 STAGE

GROSS WEIGHT = 350,000 - 500,000 LBS.

THRUST = 500,000 - 700,000 LBS.

FIRST STAGE BURNING TIME = 118 SECONDS

SECOND STAGE BURNING TIME = 304 - 310 SECONDS

LAST STAGE GROSS WEIGHT = 18,000 LBS.

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SINO/SOVIET BLOC MILITARY AIRCRAFT



✓
NR-01

~~SECRET~~ SINO/SOVIET BLOC MAJOR GROUND WEAPONS