

TAB A
26 December 1957

A Study of the Soviet Guided Missile Programme

[REDACTED]
March 1949

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This document reports the findings of a [REDACTED] team which treated the overall Soviet guided missile program, capabilities and intentions. All existing intelligence information available at the time was considered, evaluated and summarized by the joint team. The period covered in the estimates of future Soviet progress was limited to the next five years, i.e., through 1953.

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Surface-to-Surface Missile Estimate - By 1952 an improved V-2 of 500 KM range might be ready for pilot production and by the end of 1952 a production program of about 700 per month might be set up. This estimate was based on an assumption that there had been no extensive progress in improving the V-2 until the summer of 1949 owing to the lack of necessary testing facilities. The production rate specified was dependent upon a diversion of gyros and electronic components from other military programs and on the assumption that no other missiles (except V-1's are simultaneously in production on a large scale.)

By 1951 a V-1 type missile could be ready for production which would be essentially the same in performance as the original German V-1 except for an increase in speed to M.75 - M.77 as a result of an improved engine.

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The Soviet objective in their immediate post World War II missile program was one of exploiting all of the German wartime missile designs, facilities and selected personnel. Principal attention was apparently devoted to the V-2 ballistic missile and to improvements thereon. These improvements involved accuracy and range characteristics and were concurrently short and long term in nature.

By 1949 air-to-surface missiles of the HS 293 and FX 1400 variety could be in large scale production although there is only slight evidence of Soviet interest in this field.

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