

SUPFIRE # 1
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SUPPORT FIRE STUDY Preliminary Work Statement

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Examination of Requirements For and On Support Fire Weapons is to be undertaken. The success of such a study is believed to be critically dependent on the establishment of a credible and generally acceptable rationale for valuing Support Fire targets.

Therefore, the study will be undertaken in two phases:

- Phase I - Develop a rationale for valuing all potential support fire targets, define the analytical methodology to be used, and demonstrate the credibility of the target values derived. Prepare a plan for undertaking Phase II.
- Phase II - Analytically examine the Requirements For and On surface and air launched support fire weapons for use across the spectrum of typical future tactical, non-nuclear wars. The fields of investigation will include the expected penetration environment, the sensitivity to target acquisition probabilities, and the problems of collateral damage. The desired results are a specification of the general operational characteristics (e.g., range, warhead size, accuracy, and reaction time) of appropriate weapon systems and mixes thereof. The study will also investigate the sensitivity of the above results to the assumptions and input values.

Phase II will not be undertaken until Phase I is completed and judged acceptable.

