

ITOP 3-2-838

DIRECT VIEW OPTICS

SCOPE

This ITOP describes the instrumentation and procedures for measuring the optical characteristics of military direct view optical systems.

This ITOP provides optical procedures for laboratory and field test evaluations. The procedures included in this ITOP should be applied only to the performance parameters contained in the test item specification, i.e. not all of the test procedures will be required for every test item. It is assumed that the operator has a working knowledge of the principles of optics. It is essential that appropriate guidelines and standard operating procedures for safety are followed. In some cases alternative test procedures are provided. Where appropriate and / or practicable, the most suitable test procedure can be used in the field environment when the optical sensor / subsystem cannot be separated from the host vehicle. The accuracy obtainable in field testing may not reach that obtainable in the laboratory.