Contensou, J. N. and Picot, I:

SYSTEMS: RELIABILITY AND SAFETY IN OPERATION

(*Systèmes: sureté de fonctionnement et sécurité*)

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The author examines the reliability of the component elements of a system and sets himself the target of drawing up a maintenance and repair program. The reliability of the various elements is included in a system of commensurable parameters and suggestions regarding the range of values of these parameters are made. The author also stresses the imporatance of a device meant to detect the weak sides of a system and describes the simulation and the chart of a simulator specialized for testing reliability in operation. As a conclusion, the economic efficiency of the procedure is examined from the viewpoint of a rationalization of the maintenance operations.