



## Transportation: Key Aspects of FAAs Plans to Acquire the Multi-Billion Dollar Advanced Automation System and Related Programs: Imtec-

By -

Bibliogov. Paperback. Book Condition: New. This item is printed on demand. Paperback. 22 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. Pursuant to a congressional request, GAO reviewed the Federal Aviation Administrations (FAA) efforts to acquire a more automated air traffic control system, including: (1) the Advanced Automation System (AAS) computer hardware and software replacement program; (2) the Automated En Route Air Traffic Control (AERA) program; and (3) the Mode S program. GAO found that: (1) FAA will not perform some planned simulation tests of the advanced automated functions of AERA prior to including the specifications in the AAS acquisition contract; (2) FAA plans to test and validate AERA specifications are uncertain at this time; and (3) FAA lacked adequate information to make a sound and objective AAS production decision. GAO also found that: (1) FAA selected an acquisition strategy which called for concurrent full-scale development, testing, and production; (2) awarding the acquisition contract without adequately validating advanced automation functions could lead to higher costs, schedule delays, and deployment of a system that does not perform in an operational environment; (3) problems in developing test software prevented most of the simulation tests; and (4) FAA does not plan to complete development of...



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