

V Review of the Modification Proposal

15. Once the modification has been engineered, the proposal requires an all encompassing review to ensure nothing has been omitted. These reviews cover more than just the actual installation of the sensors as detailed in Figure 6.

- A. Technical Review - All Air Force technical specialists must review the applicable segments of the modification instruction (as per paragraph 6 above) to ensure accuracy and validity of design, and compliance to recognized standards.
- B. Airworthiness Review - The modification must be evaluated in terms of effect on airworthiness.
- C. Operational Review - The proposal is evaluated by operational requirements staff as to its impact on aircraft performance, handling, operating procedures, mission effectiveness, flight-essential systems. It must be remembered that aircraft, when not involved during Open Skies flights, may be used for other purposes. This proposal must also be evaluated in terms of flight simulation. Aircraft operating instructions must be amended accordingly.
- D. Flight Safety Review - The CF flight safety representatives must review the modification and determine any adverse flight safety effects. All review agencies, however, share this responsibility in their own areas of expertise.
- E. Integrated Logistics Support Review - Logistic agencies must review the proposal to determine the level of effort required (including budget sourcing) for all the elements listed in Figure 4.
- F. Final Review - The Aircraft System Manager (the senior engineering officer who controls the technical configuration of the aircraft fleet) must review the modification's impact on the whole aircraft system. All comments from the review agencies must be incorporated into the modification proposal to the satisfaction of the Aircraft System Manager before the proposal is submitted for approval.

Figure 6. Modification Proposal Review