

I.A.4. TECHNICAL MANUALS

I. Scope and objective

A. This area deals with requirements for new technical manuals and revision to existing manuals, whether procured commercially or prepared in-house.

B. The area objective is to initiate management improvement actions which will (1) reduce quantitative requirements or (2) lower qualitative requirements without adversely affecting mission accomplishments.

II. Goals and accomplishments

A. A summary of savings already realized and those expected to be realized during fiscal year 1968 and fiscal year 1969 from actions taken during fiscal year 1967 is as follows:

[In millions]

	Fiscal year 1967		Fiscal year 1968	Fiscal year 1969	Fiscal year 1967-69	
	Goal	Realized	Estimated	Estimated	Total	Goal
Army.....	\$1					\$1
Navy.....	1					2
Air Force.....	2	\$2		\$1	\$3	3
Total.....	4	2		1	3	6

B. The Army and Navy achievements (\$0.3 million each) for fiscal year 1967 are disappointing. These results tend to indicate a lessening of emphasis when compared to accomplishments of prior years.

III. Examples

The following two Air Force examples are indicative of the actions which are possible in this area:

A. *Reduction in manuals for C-141 aircraft.*—Representatives of the Air Force, the prime contractor and various subcontractors cooperated in an intensive review of manual requirements for the C-141 aircraft. As a result, some manuals were combined and others were deleted upon disclosure that existing manuals for similar systems could be adapted for use in the C-141 program. This action reduced the cost of manuals by more than \$0.7 million.

B. *Air Force ground wire communications requirements.*—In the past the Air Force has procured technical manuals from the equipment prime contractor in sets configured for each individual system; i.e., 500 line system, 1,000 line system, 2,500 line system, etc. During fiscal year 1967, communications equipment specialists and technical data control officers explored the advantages of buying basic manuals on a typical XY telephone central office system which contained data applicable to all varying line system configurations. It was concluded that this approach would eliminate duplications of basic common data contained in individual system technical manuals and would reduce the cost of revisions to upgrade for future system configurations. Application of this new approach produced savings of over \$0.2 million in fiscal year 1967.