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LEVEL II

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F-16 AIRCREW TRAINING DEVELOPMENT PROJECT,

Contract No. F02604-79-C8875

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JUN 8 1981  
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PROGRAM WORK PLAN,

DEVELOPMENT REPORT No. 1  
REVISED MARCH 1981

Prepared in fulfillment of CDRL nos. B005 and B008

by

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PREFACE

This report was created for the F-16 Aircrew Training Development Project contract no. F02604-79-C8875 for the Tactical Air Command to comply with the requirements of CDRL nos. B005 & B008. The project entailed the design and development of an instructional system for the F-16 RTU and instructor pilots. During the course of the project, a series of development reports was issued describing processes and products. A list of those reports follows this page. The user is referred to Report No. 34, A Users Guide to the F-16 Training Development Reports, for an overview and explanation of the series, and Report No. 35, F-16 Final Report, for an overview of the Instructional System Development Project.

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F-16 AIRCREW TRAINING  
DEVELOPMENT PROJECT REPORTS

Copies of these reports may be obtained by writing the Defense Technical Information Center, Cameron Station, Alexandria, Virginia 22314. All reports were reviewed and updated in March 81.

Gibbons, A.S., Rolnick, S.J., Mudrick, D. & Farrow, D.R. Program work plan (F-16 Development Report No. 1). San Diego, Calif.: Courseware, Inc., September 1977, March 1981.

Thompson, A., Bath, W., & Gibbons, A.S., Previous ISD program review (F-16 Development Report No. 2). San Diego, Calif.: Courseware, Inc., September 1977, March 1981.

Wild, M., & Farrow, D.R. Data collection and management forms report (F-16 Development Report No. 3). San Diego, Calif.: Courseware, Inc., September 1977, March 1981.

Gibbons, A.S. Review of existing F-16 task analysis (F-16 Development Report No. 4). San Diego, Calif.: Courseware, Inc., June 1977, March 1981.

Gibbons, A.S., & Rolnick, S.J. Derivation, formatting, and use of criterion-referenced objectives (CROs) and criterion-referenced tests (CRTs) (F-16 Development Report No. 5). San Diego, Calif.: Courseware, Inc., September 1977, March 1981.

Rolnick, S.J., Mudrick, D., Gibbons, A.S. & Clark, J. F-16 task analysis, criterion-referenced objective, and objectives hierarchy report (F-16 Development Report No. 6). San Diego, Calif.: Courseware, Inc., October 1978, March 1981.

Gibbons, A.S. Task analysis methodology report (F-16 Development Report No. 7). San Diego, Calif.: Courseware, Inc., October 1978, March 1981.

Gibbons, A.S. Objectives hierarchy analysis methodology report (F-16 Development Report No. 8). San Diego, Calif.: Courseware, Inc., October 1978, March 1981.

Mudrick, D., Gibbons, A.S., & Schmidt, R.F. Goal analysis report (F-16 Development Report No. 9). San Diego, Calif.: Courseware, Inc., February 1978, March 1981.

Rolnick, S.J., Mudrick, D., & Thompson, E.A. Data base update procedures report (F-16 Development Report No. 10). San Diego, Calif.: Courseware, Inc., October 1978, March 1981.

- Mudrick, D., & Pyrz, K.E. Data automation of task and goal analysis: Existing system review and recommendation (F-16 Development Report No. 11). San Diego, Calif.: Courseware, Inc., September 1977, March 1981.
- O'Neal, A.F., & Smith, L.H. Management System needs and design concept analysis (F-16 Development Report No. 12). San Diego, Calif.: Courseware, Inc., December 1977, March 1981.
- Gibbons, A.S., Thompson, E.A., Schmidt, R.F., & Rolnick, S.J. F-16 pilot and instructor pilot target population study (F-16 Development Report No. 13). San Diego, Calif.: Courseware, Inc., September 1977, March 1981.
- Schmidt, R.F., Gibbons, A.S., Jacobs, R. & Faust, G.W. Recommendations for the F-16 performance measurement system (F-16 Development Report No. 14). San Diego, Calif.: Courseware, Inc., October 1978, March 1981.
- Thompson, E.A., & Gibbons, A.S. Program/system constraints analysis report (F-16 Development Report No. 15). San Diego, Calif.: Courseware, Inc., October 1978, March 1981.
- Gibbons, A.S., & Rolnick, S.J. A study of media production and reproduction options for the F-16 project (F-16 Development Report No. 16). San Diego, Calif.: Courseware, Inc., February 1978, March 1981.
- O'Neal, A.F., & Kearsley, G.P. Computer managed instruction for the F-16 training program (F-16 Development Report No. 17). San Diego, Calif.: Courseware, Inc., July 1978, March 1981.
- Wilcox, W.C., McNabb, W.J., & Farrow, D.R. F-16 implementation and management plan report (F-16 Development Report No. 18). San Diego, Calif.: Courseware, Inc., October 1978, March 1981.
- Sudweeks, R.R., Rolnick, S.J., & Gibbons, A.S. Quality control plans, procedures, and rationale for the F-16 pilot training system (F-16 Development Report No. 19). San Diego, Calif.: Courseware, Inc., October 1978, March 1981.
- Gibbons, A.S., Axtell, R.H., & Hughes, J.A. F-16 media selection and utilization plan report (F-16 Development Report No. 10). San Diego, Calif.: Courseware, Inc., October 1978, March 1981.
- Thompson, E.A., Kearsley, G.P., Gibbons, A.S., & King, K. F-16 instructional system cost study report (F-16 Development Report No. 21). San Diego, Calif.: Courseware, Inc., October 1978, March 1981.

- Jacobs, R.S., & Gibbons, A.S. Recommendations for F-16 operational flight trainer (OFT) design improvements (F-16 Development Report No. 22). San Diego, Calif.: Courseware, Inc., October 1978, March 1981.
- Gibbons, A.S. F-16 instructional sequencing plan report (F-16 Development Report No. 23). San Diego, Calif.: Courseware, Inc., October 1978, March 1981.
- Farrow, D.R., & King, K. F-16 coursewares and syllabi delivery schedule (F-16 Development Report No. 24). San Diego, Calif.: Courseware, Inc., September 1979, March 1981.
- Rothstein, L.J., Hibian, J.E., & Mudrick, D. F-16 instructor/course manager training requirements report (F-16 Development Report No. 25). San Diego, Calif.: Courseware, Inc., October 1978, March 1981.
- O'Neal, A.F., & O'Neal, H.L. F-16 pilot media selection (F-16 Development Report No. 26). San Diego, Calif.: Courseware, Inc., March 1979, March 1981.
- Gibbons, A.S. F-16 instructional system design alternatives (F-16 Development Report No. 27). San Diego, Calif.: Courseware, Inc., September 1979, March 1981.
- Gibbons, A.S. F-16 instructional system basing concept (F-16 Development Report No. 28). San Diego, Calif.: Courseware, Inc., September 1979, March 1981.
- O'Neal, H.L., & Rothstein, L.J. Task listings and criterion-referenced objectives for the instructor pilot F-16 training program (F-16 Development Report No. 29). San Diego, Calif.: Courseware, Inc., September 1979, March 1981.
- Bergman, D.W., & Farrow, D.R. F-16 training system media report (F-16 Development Report No. 30). San Diego, Calif.: Courseware, Inc., September 1979, March 1981.
- Gibbons, A.S., O'Neal, A.F., Farrow, D.R., Axtell, R.H., & Hughes, J.A. F-16 training media mix (F-16 Development Report No. 31). San Diego, Calif.: Courseware, Inc. October, 1979, March 1981.
- Farrow, D.R. F-16 training media support requirements (F-16 Development Report No. 32). San Diego, Calif.: Courseware, Inc., September 1979, March 1981.
- Gibbons, A.S. F-16 training media constraints and limitations (F-16 Development Report No. 33). San Diego, Calif.: Courseware, Inc., September 1979, March 1981.

Farrow, D.R., & Kearsley, G.P. A user's guide to the F-16 training development reports (F-16 Development Report No. 34). San Diego, Calif.: Courseware, Inc., January 1981, March 1981.

Farrow, D.R., & Clark, J. F-16 Final Report (F-16 Development Report No. 35). San Diego, Calif.: Courseware, Inc., January 1981, March 1981.

## EXECUTIVE SUMMARY

In order to allow precise scheduling and monitoring of the F-16 Instructional Systems Development effort, a detailed work plan for the project is outlined. This work plan involves six phases, each of which is divided into numerous tasks. Phase sequence plans show the tasks to be performed in each phase of the project and define the input/output interdependencies that exist between them.

Phase I (1 task) involves a review of the contract proposal and a briefing to USAF and contractor/subcontractor personnel. Phase II (6 tasks) involves development of the detailed work plan (this document), a review of the existing F-16 task analysis, the design of data collection and management forms, the development of a task and goal analysis work plan, and the design of the format for criterion-referenced objectives (CROs) and tests to be used in the training program. Phase III (13 tasks) involves the completion of a task analysis, goal analysis, and system constraints analysis. The major outcomes of these analyses are the selection of tasks for training and the development of CROs and tests. Phase IV (24 tasks) represents the major design phase of the project and includes course and syllabus design, media analysis and selection, design of the instructional management and quality control system, and definition of the instructor/course manager requirements. Phase V (9 tasks) involves the development and production of the courseware (including instructor/course manager courses) and the development of the instructional management system. Phase VI (10 tasks) involves validation and revision of the training system, simulator certification, the development of basing concepts, data base management, and the development of the project Final Report.

For each task within each phase, a detailed list of events is provided in tabular format with columns for personnel and completion dates. This allows the present work plan to be used as a detailed progress monitoring instrument and also facilitates easy revision to the work plan during the course of the project.



## GLOSSARY

ADP	Automated Data Processing
B-1	B-1 Bomber ISD Program
CAI	Computer-Assisted Instruction
CDRL	Contract Deliverable Requirements List
CMI	Computer-Managed Instruction
CRO	Criterion-Referenced Objective
CRT	Criterion-Referenced Tests
DDC	Defense Documentation Center
DP	Data Processing
D/P/E	Demonstration/Practice/Evaluation
EPP	Earliest Possible Production (date)
FUPT	Fighter Undergraduate Pilot Training
GD	General Dynamics
GDTA	General Dynamics Task Analysis
HO	Hands-On (objective)
Holloman	Holloman AFB
Internal	Conducted in-house
IO	Instructional Objective
IP	Instructional Psychologist, Instructor Pilot
IP/T	Instructional Psychologist or Technologist
ISD	Instructional Systems Development
IT	Instructional Technologist
LS	Lesson Specification
MGT	Management
OTDT	Operations Training Development Team
PERT	Program Evaluation and Review Technique
PM	Performance Measurement
QC	Quality Control
RTU	Replacement Training Unit
SEG SPEC	Segment Specification
SME	Subject Matter Expert
TA	Task Analysis
TBI	To be Initiated
TD	Training Device
TS	Tape/Slide (program)
TSRA	Training Support Requirements Analysis
TVD	Television Director
UPT	Undergraduate Pilot Training
VT	Videotape
WB	Workbook
WP	Word Processing

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## F-16 Aircrew Training Project Program Work Plan

### 1.0 Introduction

This report contains the initial iteration of the project work plan dated 10 June 77. This plan (1) structures the F-16 Instructional Systems Development Effort, (2) permits precise scheduling and monitoring of project activities, and (3) simplifies the interface among the Air Force, Contractor and Sub-Contractor. This document accomplishes these three goals by specifying in advance the exact processes and procedures to be employed in the Development of the F-16 Aircrew Training System.

It will be noted that although a "date due" column appears beside each event in the work plan, no dates are in fact recorded. This document includes no time lines or milestone due dates, but merely inventories in sequential fashion the tasks to be accomplished. The original timelines may be found in the Courseware Proposal, Volume II: Technical Proposal, pages 4-5, 4-8, 4-15, 4-32, 4-60, 4-69, 4-74, and 4-76. Successive modifications to the original timelines are reported in the project's monthly progress reports. The actual time required to complete each task is included in Development Report No. 35, F-16 Final Report. The Final Report is thus a more useful guide for future projects, as it specifies what was done, how it was done, and how long it took. This report is more a historical document, itemizing what the project team planned to do rather than what was actually accomplished.

### 1.1 Organization of the Plan

The report is divided into six sections, representing the major work activities of the six phases of the project. Each of those six major sections is further broken down into two subsections. The first subsection is a sequence plan, or flowchart, which demonstrates the input-output relationships among the major tasks in each section. The second subsection is a task event plan, or task listing, which breaks down each major task into a detailed sequential listing of sub tasks. Thus the sequence plan provides the big picture work plan, while the task event plan lists the specific procedural steps that comprise each element of that big picture. For example, the Sequence Plan for Phase 2 has 6 major tasks. These tasks are shown in flowchart format at the beginning of the section. Each of the next 6 pages lists a single major task event, then breaks down that event into a series of numbered steps. Blank columns labeled "Personnel" and "Data Due" allow the project managers to utilize these forms to assign personnel and deadlines to each task event.

## 1.2 Plan Update

This plan is a working document designed for regular update and modification. Although it currently reflects the idiosyncratic requirements of contract no. F02604-79-C8875, it is none-the-less representative of any major ISD effort. The majority of changes occurring to the basic document will be made at the level of specific task events, while the sequence plan level activities will remain fairly stable throughout the course of system development.

PHASE I  
REVIEW  
BRIEF

2.1 SEQUENCE PLAN: PHASE I

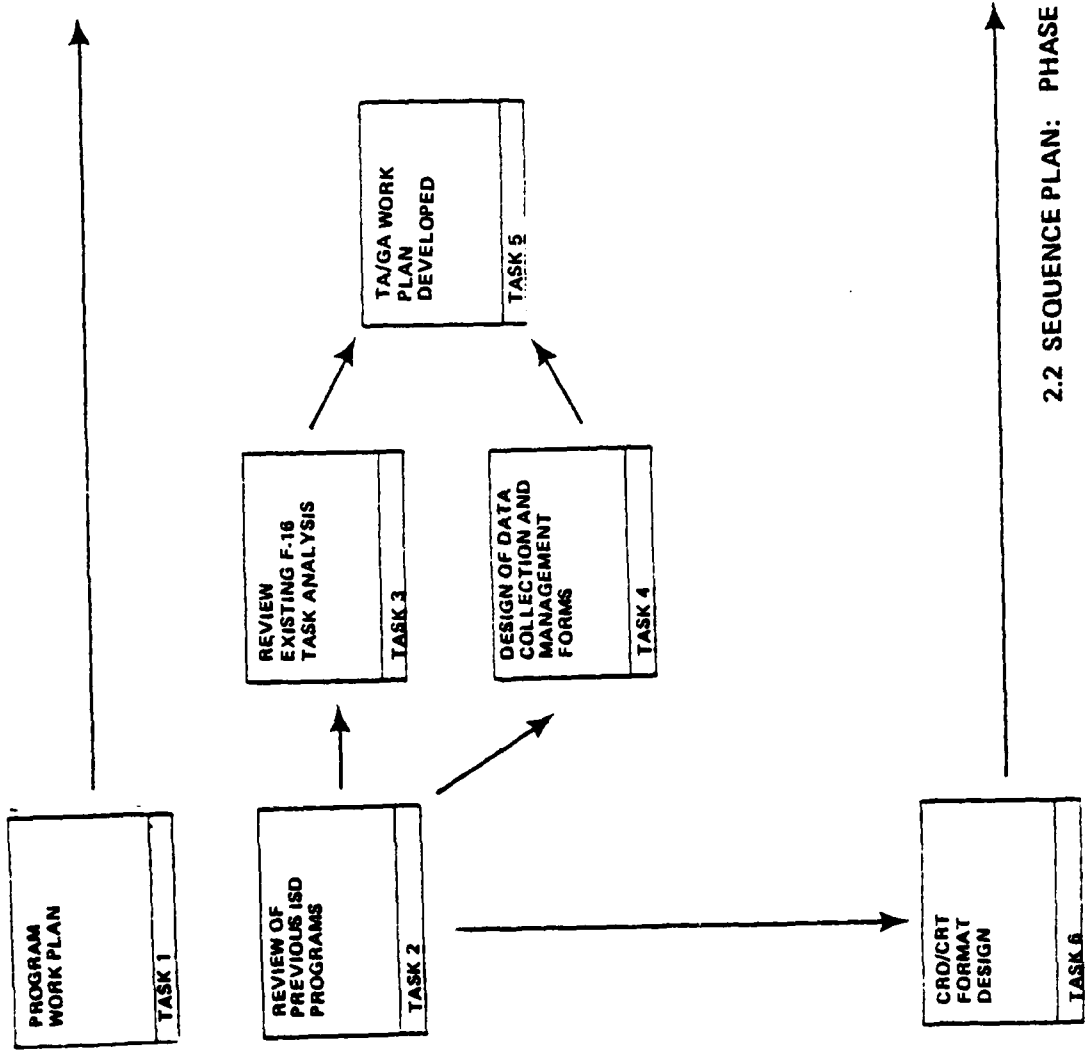
F-16 CDRL B001  
9 May 1977

F-16 AIRCREW TRAINING DEVELOPMENT PROJECT  
PROGRAM WORK PLAN

2.1.1 TASK EVENT PLAN

Task 1: Phase I Review Brief

No.	Event	Personnel	Date Due
1.	Review SOW CDRL Requirements.		
2.	Produce agenda.		
3.	Conduct review.		
4.	Publish minutes.		



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25 SEP 1977

F-16 AIRCREW TRAINING DEVELOPMENT PROJECT  
PROGRAM WORK PLAN

2.2.1 TASK EVENT PLAN

Task 1: Program Work Plan

No.	Event	Personnel	Date Due
1.	Diagram within phase activities		
2.	Set milestone events within tasks		
3.	Review with F-16 ISD team		
4.	Set dates for milestones		
5.	Assign tasks to personnel		
6.	Write report Table of Contents		
7.	F-16 ISD Team and Courseware reviews		
8.	Write report		
9.	Courseware review		
10.	Produce final report		
11.	Deliver		
12.	Produce briefing aids		
13.	Present brief		

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25 SEP 1977

F-16 AIRCREW TRAINING DEVELOPMENT PROJECT  
PROGRAM WORK PLAN

2.2.2 TASK EVENT PLAN

Task 2: Review of Previous ISD Programs

No.	Event	Personnel	Date Due
1.	Determine data to be gathered/write questionnaire		
2.	Make contacts, set appointments for interview		
3.	Conduct interviews		
4.	Review data		
5.	Write Table of Contents		
6.	ISD team review		
7.	Courseware review		
8.	Write report		
9.	Courseware review		
10.	Produce final report		
11.	Deliver report		
12.	Prepare Phase II Review Briefing aids		



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25 SEP 1977

F-16 AIRCREW TRAINING DEVELOPMENT PROJECT  
PROGRAM WORK PLAN

2.2.3 TASK EVENT PLAN

Task 3: Review of Existing F-16 Task Analysis

No.	Event	Personnel	Date Due
1.	Examine existing USAF ISD task analysis		
2.	State evaluation criteria		
3.	Evaluate Task Analysis against criteria, listing General Dynamics Task Analysis variance points		
4.	State suggested changes		
5.	Write report Table of Contents		
6.	Write report		
7.	Courseware review		
8.	Produce final report		
9.	Deliver report		

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25 SEP 1977

F-16 AIRCREW TRAINING DEVELOPMENT PROJECT  
PROGRAM WORK PLAN

2.2.4 TASK EVENT PLAN

Task 4: Design of Data Collection and Management Forms

No.	Event	Personnel	Date Due
1.	Data Processing planning/coordinating meeting.		
2.	Review results of previous ISD study/specify forms and directions		
3.	Review ISD process chart/specify forms and directions		
4.	Make preliminary forms list		
5.	Data Processing review of forms and directions		
6.	F-16 ISD team review		
7.	Write Table of Contents		
8.	Write report		
9.	Courseware review		
10.	Produce final report		
11.	Deliver report		

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25 SEP 1977

F-16 AIRCREW TRAINING DEVELOPMENT PROJECT  
PROGRAM WORK PLAN

2.2.5 TASK EVENT PLAN

Task 5: Develop Task and Goal Analysis Work Plan (Part of  
Program Work Plan)

No.	Event	Personnel	Date Due
1.	Set task analysis milestones		
2.	Set goal analysis milestones		
3.	Review with F-16 ISD team		
4.	Set dates for Milestones		
5.	Assign tasks to personnel		
6.	Write report Table of Contents		
7.	F-16 ISD team		
8.	Courseware review		
9.	Write report		
10.	Courseware review		
11.	Produce final report		
12.	Deliver		

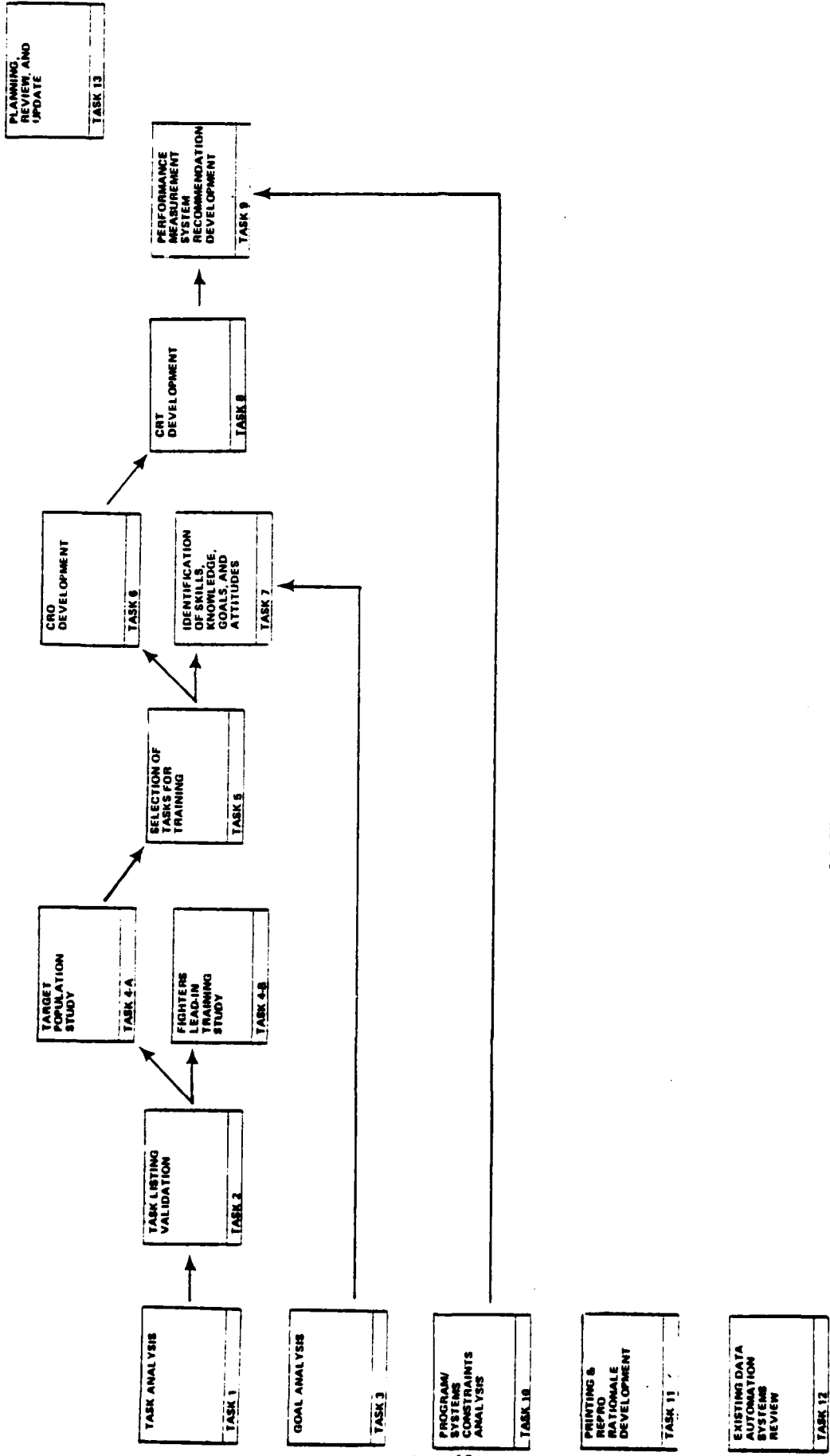
F-16 CDRL B005  
25 SEP 1977

F-16 AIRCREW TRAINING DEVELOPMENT PROJECT  
PROGRAM WORK PLAN

2.2.6 TASK EVENT PLAN

Task 6: CRO/CRT Format Design

No.	Event	Personnel	Date Due
1.	Review CRO/CRT data from ISD program review		
2.	Coordinate with ISD team specifications		
3.	Write Table of Contents		
4.	Courseware review		
5.	Write report		
6.	Courseware review		
7.	Produce final report		
8.	Deliver report		



2.3 SEQUENCE PLAN: PHASE III

F-16 CDRL B005  
25 SEP 1977

F-16 AIRCREW TRAINING DEVELOPMENT PROJECT  
PROGRAM WORK PLAN

2.3.1 TASK EVENT PLAN

Task 1: Task Analysis

No.	Event	Personnel	Date Due
1.	Execute plan for task analysis		
2.	Courseware Review		
3.	Review by ISD team		
4.	Produce final version		
5.	Deliver		

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25 SEP 1977

F-16 AIRCREW TRAINING DEVELOPMENT PROJECT  
PROGRAM WORK PLAN

2.3.2 TASK EVENT PLAN

Task 2: Task Listing Validation

No.	Event	Personnel	Date Due
1.	Compile list of reviewers		
2.	Prepare reviewing materials		
3.	Schedule review		
4.	Conduct review		
5.	Summarize data		
6.	Prepare data report		
7.	Courseware review (no delivery)		

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25 SEP 1977

F-16 AIRCREW TRAINING DEVELOPMENT PROJECT  
PROGRAM WORK PLAN

2.3.3 TASK EVENT PLAN

Task 3: Goal Analysis

No.	Event	Personnel	Date Due
1.	Review of studies on fighter pilot characteristics and training		
2.	Coordinate with USAF ISD teams on pilot characteristics		
3.	Compile list of desired goals for F-16 pilot training		
4.	Specify observable behaviors for monitoring goal attainment with conditions and standards		
5.	F-16 ISD team review		
6.	Courseware review		
7.	Prepare Report		
8.	Deliver		



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25 SEP 1977

F-16 AIRCREW TRAINING DEVELOPMENT PROJECT  
PROGRAM WORK PLAN

2.3.4 A TASK EVENT PLAN

Task 4A: Target Population Study

No.	Event	Personnel	Date Due
1.	Identify population characteristics of interest to study for students and instructor students		
2.	Identify groups to be trained as F-16 pilots (conversion, undergraduate pilot training (UPT) graduates		
3.	Review personnel data for all groups		
4.	Review UPT and fighter undergraduate pilot training (FUPT) studies		
5.	Visit UPT site to update study data		
6.	Review and revise population characteristics list		
7.	Write report Table of Contents		
8.	F-16 ISD team review		
9.	Write report		
10.	Courseware review		
11.	Prepare final of report		
12.	Deliver		

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2.3.4 B TASK EVENT PLAN

Task 4B: Fighter Lead-in Training Study (part of target  
population study)

No.	Event	Personnel	Date Due
1.	Review previous ISD study data		
2.	Review lead-in training (Holloman AFB) syllabus		
3.	Summarize results		
4.	Compare with task analysis		
5.	Prepare recommendations, if any		
6.	Prepare report Table of Contents		
7.	Courseware review		
8.	Write paper		
9.	Course e review		
10.	Produce final report		
11.	Deliver		

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2.3.5 TASK EVENT PLAN

Task 5: Selection of Tasks for Training

No.	Event	Personnel	Date Due
1.	Formulate decision model		
2.	Apply decision model to task analysis		
3.	Review task validation results and make recommendations		
4.	Preliminary selection report written		
5.	ISD team review		
6.	Courseware review		
7.	Produce final selection list (no delivery)		

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2.3.6 TASK EVENT PLAN

Task 6: CRO Development

No.	Event	Personnel	Date Due
1.	Apply Phase II plan/write CROs in final form		
2.	Review by F-16 ISD team		
3.	Review by Courseware		
4.	Produce revised version in final form		
5.	Deliver		

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2.3.7 TASK EVENT PLAN

Task 7: Identification of Required Skills, Knowledge, Goals, and Attitudes

No.	Event	Personnel	Date Due
	Objectives Hierarchy Analysis:		
1.	Execute analysis procedure		
2.	Produce preliminary version of objectives hierarchies		
3.	ISD team review		
4.	Courseware review		
5.	Produce revised version in final form		
6.	Deliver		
	Goal Analysis:		
1.	Write detailed objectives in extension of goal analysis		
2.	Produce preliminary version of goals/process objectives document		
3.	ISD team review		
4.	Courseware review		
5.	Produce final version		
6.	Deliver		

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2.3.8 TASK EVENT PLAN

Task 8: CRT Development

No.	Event	Personnel	Date Due
1.	Write CRT for each CRO according to Phase II plan		
2.	ISD team review		
3.	Courseware review		
4.	Production for delivery		
5.	Deliver		

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2.3.9 TASK EVENT PLAN

Task 9: Performance Measurement System Recommendation  
Development

No.	Event	Personnel	Date Due
1.	Perform initial analysis with ISD team to define issues		
2.	Review previous ISD study data		
3.	Review CROs/CRTs and program constraints		
4.	Develop preliminary recommendations list		
5.	ISD team review		
6.	Courseware review		
7.	Produce report final		
8.	Deliver		

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2.3.10 TASK EVENT PLAN

Task 10: Program/System Constraints Analysis

No.	Event	Personnel	Date Due
1.	Review previous ISD study data		
2.	Coordinate with ISD team to list all possible constraints		
3.	Produce preliminary recommendations list		
4.	Coordinate with ISD team		
5.	Produce revised recommendations list		
6.	Write report		
7.	Courseware review		
8.	Produce report		
9.	Deliver		



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2.3.11 TASK EVENT PLAN

Task 11: Printing and Reproduction Rationale Development

No.	Event	Personnel	Date Due
1.	Name printing options		
2.	Gather data on cost, security, schedules, volume, etc.		
3.	Summarize data and state priority options		
4.	Write report		
5.	ISD team review		
6.	Courseware review		
7.	Prepare final report		
8.	Deliver		

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2.3.12 TASK EVENT PLAN

Task 12: Existing Data Automation Systems Review

No.	Event	Personnel	Date Due
1.	Review TAC Manual 50-300		
2.	Review management system needs		
3.	Review over all data automation requirements of proposed instructional system		
4.	Prepare recommendations		
5.	Write report		
6.	ISD team review		
7.	Courseware review		
8.	Produce final		
9.	Deliver		

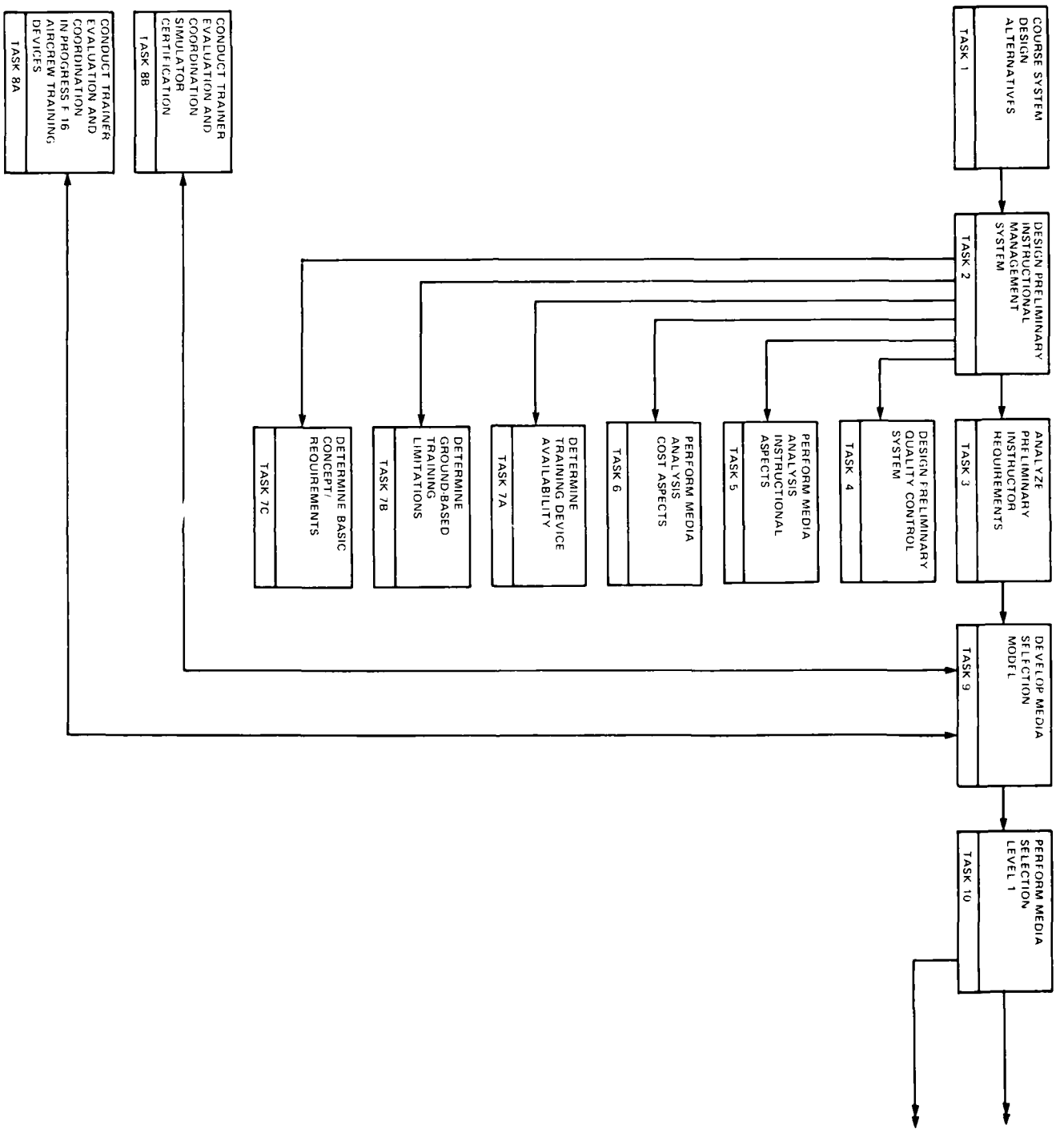
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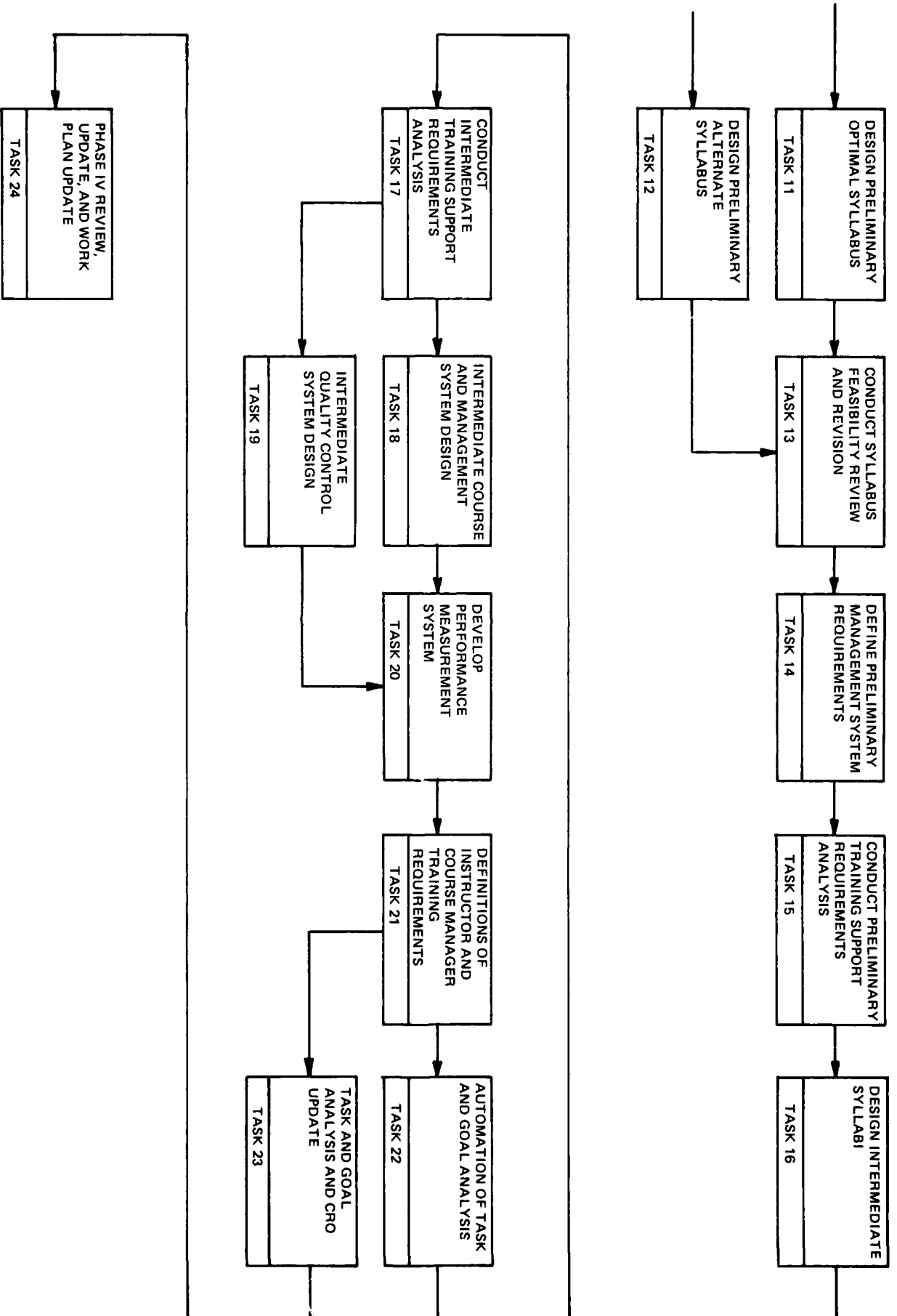
2.3.13 TASK EVENT PLAN

Task 13: Planning, Review, and Update

No.	Event	Personnel	Date Due
1.	Collect changes to F-16 hardware and tactics		
2.	Collect changes to task analysis		
3.	Collect changes to CROs/CRTs		
4.	Collect changes to objectives hierarchy/goals analysis		
5.	Collect changes to lead-in training program		
6.	Collect changes to program/system constraints		
7.	Collect Data Processing-related changes		
8.	Post changes in report/document master files		
9.	Report changes in periodic reports		
10.	Deliver		



2.4 SEQUENCE PLAN: PHASE IV (SHEET 1)



2.4 SEQUENCE PLAN: PHASE IV (SHEET 2)

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2.4.1 TASK EVENT PLAN

Task 1: Course/System Design Alternatives (Design Preliminary System)

No.	Event	Personnel	Date Due
1.	Identify major instructional Course/System variables to be treated		
2.	Survey existing literature on course and system design variables		
3.	Review data gathered during previous ISD study related to course/system design		
4.	Identify and execute further necessary data gathering on existing USAF courses and systems.		
5.	Determine variable values for F-16 instructional system		
6.	Write Table of Contents		
7.	Draft		
8.	Conduct Courseware Review		
9.	Make final revisions		
10.	Edit report		
11.	Prepare final report		
12.	Deliver		

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2.4.2 TASK EVENT PLAN

Task 2: Design Preliminary Instructional Management System

No.	Event	Personnel	Date Due
1.	Identify major instructional management system variables		
2.	Review existing literature on ISD management		
3.	Review data from previous ISD studies		
4.	Review existing USAF publications on Instructional Systems Management		
5.	Gather additional data on USAF ISD management if necessary through site visits		
6.	Review Automated Data Processing support design concept management factors		
7.	Design prototype management system		
8.	Conduct Courseware review		
9.	Write Table of Contents		
10.	Draft		
11.	Conduct Courseware review		
12.	Make final revision		

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2.4.2 TASK EVENT PLAN CON'T

Task 2: Design Preliminary Instructional Management System

No.	Event	Personnel	Date Due
13.	Edit report		
14.	Prepare final report		
15.	Deliver		



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2.4.3 TASK EVENT PLAN

Task 3: Analyze Preliminary Instructor Requirements

No.	Event	Personnel	Date Due
1.	Define instructor role and make preliminary training requirements analysis		
2.	Review previous ISD instructor requirements		
3.	Project instructor requirements based on adopted management system		
4.	Outline alternative approaches to instructor role		
5.	Write Table of Contents		
6.	Draft		
7.	Conduct Courseware review		
8.	Make final revisions		
9.	Edit report		
10.	Prepare final report		
11.	Deliver		

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2.4.4 TASK EVENT PLAN

Task 4: Design Preliminary Quality Control (QC) System

No.	Event	Personnel	Date Due
1.	Review previous ISD quality control approaches		
2.	Define major areas of quality control activity		
3.	Define questions to guide quality control activity		
4.	Determine preliminary quality control conventions for each area: a) define data items to be collected b) define data collection procedures and instruments c) define hardware and software requirements for data collection d) define update and revision cycles and policies		
5.	Write Table of Contents		
6.	Draft		
7.	Conduct Courseware review		
8.	Make final revisions		
9.	Edit report		
10.	Prepare final report		
11.	Deliver		

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2.4.5 TASK EVENT PLAN

Task 5: Perform Media Analysis: Instructional Aspects

No.	Event	Personnel	Date Due
1.	Investigate media and delivery methods, including reconfigured media		
2.	Determine instructional factors bearing on media selection		
3.	Specify instructional strategy plan for F-16		
4.	Determine media performance characteristics required by strategy plan		
5.	Determine the preliminary total media set available for the project which correspond to requirements		
6.	Write Table of Contents		
7.	Draft		

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2.4.6 TASK EVENT PLAN

Task 6: Perform Media Analysis: Cost Aspects

No.	Event	Personnel	Date Due
1.	Review instructional aspects of media (Task 5)		
2.	Review B-1 and FUPT cost analysis studies		
3.	Analyze other ISD efforts to locate media cost analysis studies and determine their applicability to the F-16 program		
4.	Define support requirements for media in terms of facilities, personnel, costs, and logistic support		
5.	Develop computerized cost analysis model		
6.	Perform cost benefit analysis		
7.	Conduct sensitivity analysis to assess impact of input variations on cost		
8.	Prepare sensitivity matrix		
9.	Determine best alternatives for media based on cost		
10.	Write Table of Contents		
11.	Draft		

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2.4.7A TASK EVENT PLAN

Task 7A: Determine Training Device Availability

No.	Event	Personnel	Date Due
1.	Conduct trainer availability analysis for each training device: a) review equipment specs b) project or obtain reliability estimates c) project reliability figure on utilization rates and student flow		
2.	Write Table of Contents		
3.	Draft		

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2.4.7B TASK EVENT PLAN

Task 7B: Determine Ground-Based Training Limitations

No.	Event	Personnel	Date Due
1.	Review training device capabilities		
2.	Compare with task listing, CROs and objective hierarchy		
3.	Specify tasks not covered and stimulus/response characteristics needed		
4.	Group tasks by stimulus/response requirements		
5.	Develop recommended additional training device configuration necessary to train listed tasks		
6.	Write Table of Contents		
7.	Draft		
8.	Conduct Courseware review of entire report		
9.	Make final revisions		
10.	Edit report		
11.	Prepare final report		
12.	Deliver		

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2.4.7C TASK EVENT PLAN

Task 7C: Determine Basic Concept/Requirements

No.	Event	Personnel	Date Due
1.	Investigate current TAC basing concept & plans		
2.	Review appropriate 51-16, Flying Phase and Academic Study Guide manuals to determine training required at specific bases		
3.	Study scheduling effects on training for each F-16 base		
4.	Determine type of training involved at each F-16 base		
5.	Study maintenance and support requirements for training devices and instructional materials		
6.	Determine options for levels of system implementation and possible physical facility configurations		
7.	Make a preliminary recommendation for allocation of training devices, training aircraft and instructional materials to bases		
8.	Write Table of Contents		
9.	Draft		
10.	Conduct Courseware review		
11.	Make final revisions		

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2.4.7C TASK EVENT PLAN CON'T

Task 7C: Determine Basic Concept/Requirements

No.	Event	Personnel	Date Due
12.	Edit report		
13.	Prepare final report		
14.	Deliver		



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2.4.8A TASK EVENT PLAN

CONDUCT TRAINER EVALUATION AND COORDINATION:

Task 8A: In-Progress Review of F-16 Aircrew Training Devices

No.	Event	Personnel	Date Due
1.	Review specs for F-16 Aircrew Training Devices		
2.	Compare device capabilities with task listing, CRO and objective hierarchy requirements		
3.	Make recommendations for instructor station design		
4.	Determine simulator capabilities not required		
5.	Determine capability of simulator to state and execute problem scenarios		
6.	Review possibility of extensions to simulator capabilities		
7.	Study cost trade-offs or recommendations		
8.	Write Table of Contents		
9.	Draft		
10.	Conduct Courseware review		
11.	Make final revisions		
12.	Edit report		
13.	Prepare final report		
14.	Deliver		

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2.4.8B TASK EVENT PLAN

CONDUCT TRAINER EVALUATION AND COORDINATION:

Task 8B: Simulator Certification

No.	Event	Personnel	Date Due
1.	Obtain system test plan		
2.	Determine schedule for system test and evaluation		
3.	Coordinate system test plan		
4.	Write Table of Contents		
5.	Draft		
6.	Conduct Courseware review		
7.	Make final revisions		
8.	Edit report		
9.	Prepare final report		
10.	Deliver		

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2.4.9 TASK EVENT PLAN

Task 9: Develop Media Selection Model

No.	Event	Personnel	Date Due
1.	Review previous Courseware media selection models		
2.	Review Media Selection Report (Task 5)		
3.	Develop media selection model for F-16 program		
4.	Write Table of Contents for report		
5.	Draft report		
6.	Conduct Courseware review		
7.	Make final revisions		
8.	Edit report		
9.	Prepare final report		
10.	Deliver		

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2.4.10 TASK EVENT PLAN

Task 10: Perform Media Selection - Level 1

No.	Event	Personnel	Date Due
1.	Determine feasibility of computer processing of Instructional Objectives (IOs) and CROs through selection model		
2.	Process all IOs and CROs through media selection model		
3.	List optimal and alternate media choices for each objective		
4.	Write Table of Contents		
5.	Draft		
6.	Conduct Courseware review		
7.	Make final revisions		
8.	Edit report		
9.	Prepare final report		
10.	Deliver		

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2.4.11 TASK EVENT PLAN

Task 11: Design Preliminary Optimal Syllabus

No.	Event	Personnel	Date Due
1.	Identify assumptions underlying optimal syllabus		
2.	Discriminate cognitive from psychomotor performance objectives (all steps from here on completed in parallel for both groups)		
3.	Sequence CROs in dependent order		
4.	Obtain best estimate of expected aircraft and simulator availability		
5.	Group sequenced CROs and assign to flights		
6.	Identify supporting simulator objectives and insert into sequence		
7.	Identify supporting trainer objectives and insert into syllabus		
8.	Identify instructional objectives which support each equipment exercise period and group them into units and lessons		
9.	Review and adjust media choices		
10.	Write Table of Contents		
11.	Draft		

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2.4.11 TASK EVENT PLAN CON'T

Task 11: Design Preliminary Optimal Syllabus

No.	Event	Personnel	Date Due
12.	Conduct Courseware review		
13.	Make final revision		
14.	Edit report		
15.	Prepare final report		
16.	Deliver		

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2.4.12 TASK EVENT PLAN

Task 12: Design Preliminary Alternate Syllabus

No.	Event	Personnel	Date Due
1.	Review constraints on: a) trainer capability and availability b) instructional system to be employed in F-16 training c) availability of CAI d) total resource support costs e) management system constraints f) other constraints		
2.	Identify high probability occurrences that would require alternate syllabus design		
3.	Design alternate syllabi to accommodate major constraints		
4.	Write Table of Contents		
5.	Draft		
6.	Conduct Courseware review		
7.	Make final revisions		
8.	Edit report		
9.	Prepare final report		
10.	Deliver		

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2.4.13 TASK EVENT PLAN

Task 13: Conduct Syllabus Feasibility Review and Revision

No.	Event	Personnel	Date Due
1.	Review Syllabus		
2.	Identify areas of infeasibility		
3.	Recommend action for each area		
4.	ISD team review		
5.	Courseware review		
6.	General USAF review		
7.	Prepare final recommendations on revision requirements		
8.	Write Table of Contents for report		
9.	Draft report		
10.	Conduct Courseware review		
11.	Make final revisions		
12.	Edit report		
13.	Prepare final report		
14.	Deliver		



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2.4.14 TASK EVENT PLAN

Task 14: Define Preliminary Management System Requirements

No.	Event	Personnel	Date Due
1.	Review System Design		
2.	Analyze: a) management tasks to be performed b) difficulty and cost of performing them c) potential benefits offered by automation		
3.	Generate functional specifications for management-related equipment		
4.	Generate CMI functional specifications		
5.	Translate output of tasks 3 and 4 into potential cost and benefit statements		
6.	Assess recommended support systems in terms of simplicity, feasibility and flexibility and revise as necessary		
7.	Write Table of Contents		
8.	Draft		
9.	Conduct Courseware review		
10.	Make final revision		
11.	Edit report		
12.	Prepare final report		
13.	Deliver		

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2.4.15 TASK EVENT PLAN

Task 15: Conduct Preliminary Training Support Requirements  
Analysis

No.	Event	Personnel	Date Due
1.	Review design documentation to date		
2.	Secure additional detailed information concerning a) existing assets b) constraints c) training policies and regulations d) student throughput		
3.	Calculate preliminary resource requirements for: a) management components b) training device components c) optimal syllabus-related components d) alternate syllabus-related components		
4.	Write Table of Contents including: a) completed syllabus-related support requirements table b) management support requirements report c) trainer support requirements report		
5.	Draft		
6.	Conduct Courseware review		
7.	Make final revisions		

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2.4.15 TASK EVENT PLAN CON'T

Task 15: Conduct Preliminary Training Support Requirements  
Analysis

No.	Event	Personnel	Date Due
8.	Edit report		
9.	Prepare final report		
10.	Deliver		

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2.4.16 TASK EVENT PLAN

Task 16: Design Intermediate Syllabi

No.	Event	Personnel	Date Due
1.	Revise optimal and alternate syllabi as determined in Task 15		
2.	Courseware review		
3.	ISD team review		
4.	Write Table of Contents		
5.	Draft (B049)		
6.	Conduct Courseware review		
7.	Make final revisions		
8.	Edit report		
9.	Prepare final report		
10.	Deliver		

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2.4.17 TASK EVENT PLAN

Task 17: Conduct Intermediate Training Support Requirements  
Analysis

No.	Event	Personnel	Date Due
1.	Update, prepare and deliver an intermediate resource support requirements report (as in Task 14)		
2.	Write Table of Contents		
3.	Draft		
4.	Conduct Courseware review		
5.	Make final revisions		
6.	Edit report		
7.	Prepare final report		
8.	Deliver		

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2.4.18 TASK EVENT PLAN

Task 18: Intermediate Course and Management System Design

No.	Event	Personnel	Date Due
1.	Update Course System Design (Task 1)		
2.	Write Table of Contents		
3.	Draft		
4.	Conduct Courseware review		
5.	Make final revisions		
6.	Edit report		
7.	Prepare final report		
8.	Deliver		
9.	Update Instructional System Management Design (Task 2)		
10.	Write Table of Contents		
11.	Draft		
12.	Conduct Courseware review		
13.	Make final revisions		
14.	Edit report		
15.	Prepare final report		
16.	Deliver		

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2.4.19 TASK EVENT PLAN

Task 19: Intermediate Quality Control System Design

No.	Event	Personnel	Date Due
1.	Review System Design		
2.	Revise Quality Control System documentation as required by Task 1.		
3.	Write Table of Contents		
4.	Draft		
5.	Conduct Courseware review		
6.	Make final revisions		
7.	Edit report		
8.	Prepare final report		
9.	Deliver		

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2.4.20 TASK EVENT PLAN

Task 20: Develop Performance Measurement System

No.	Event	Personnel	Date Due
1.	Determine: a) personnel roles and responsibilities b) data gathering and processing procedures c) recordkeeping procedures d) re-testing procedures e) certification procedures		
2.	Define: a) process for management of performance measurement b) procedures for performance measurement c) performance measurement instruments d) performance measurement scheduling in relation to the syllabus e) policies and procedures relative to the outcomes of performance measurement f) procedures for performance measurement system revision		
3.	Write Table of Contents		
4.	Draft		
5.	Conduct Courseware review		
6.	Make final revisions		
7.	Edit report		
8.	Prepare final report		
9.	Deliver		



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2.4.21 TASK EVENT PLAN

Task 21: Definition of Instructor and Course Manager Training Requirements

No.	Event	Personnel	Date Due
1.	Conduct problem analysis to determine current policies and practices concerning instructor		
2.	Conduct an assessment of existing instructor/manager training		
3.	Collect data regarding instructor/manager training assets, constraints, and proposed manning		
4.	Carry out a task analysis of instructor and manager positions		
5.	Compare these tasks against those trained for in present USAF programs		
6.	Identify the set of tasks requiring training for the F-16 program		
7.	Develop objectives hierarchies for this set of tasks		
8.	Organize and sequence the objectives to integrate with existing programs		
9.	Calculate resource requirements for developing and conducting this additional training		
10.	Write Table of Contents		
11.	Draft		

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2.4.21 TASK EVENT PLAN CON'T

Task 21: Definition of Instructor and Course Manager Training  
Requirements

No.	Event	Personnel	Date Due
12.	Conduct Courseware review		
13.	Make final revisions		
14.	Edit report		
15.	Prepare final report		
16.	Deliver		

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2.4.22 TASK EVENT PLAN

Task 22: Automation of Task and Goal Analysis (TAGA)

No.	Event	Personnel	Date Due
1a.	Carry out the existing computer system for TAGA		
	or		
1b.	Program, debug and execute any new or modified system approved in Phase 3		

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2.4.23 TASK EVENT PLAN

Task 23: Task and Goal Analysis and CRO Update

No.	Event	Personnel	Date Due
1.	Summarize new system and performance data gathered from flight test personnel		
2.	Identify additions, deletions, modifications, and changes in sequencing of task statements		
3.	Implement changes to TAGA, CROs and Objectives Hierarchy according to guidelines		
4.	Write Table of Contents		
5.	Draft		
6.	Conduct Courseware review		
7.	Make final revisions		
8.	Edit report		
9.	Prepare final report		
10.	Deliver		

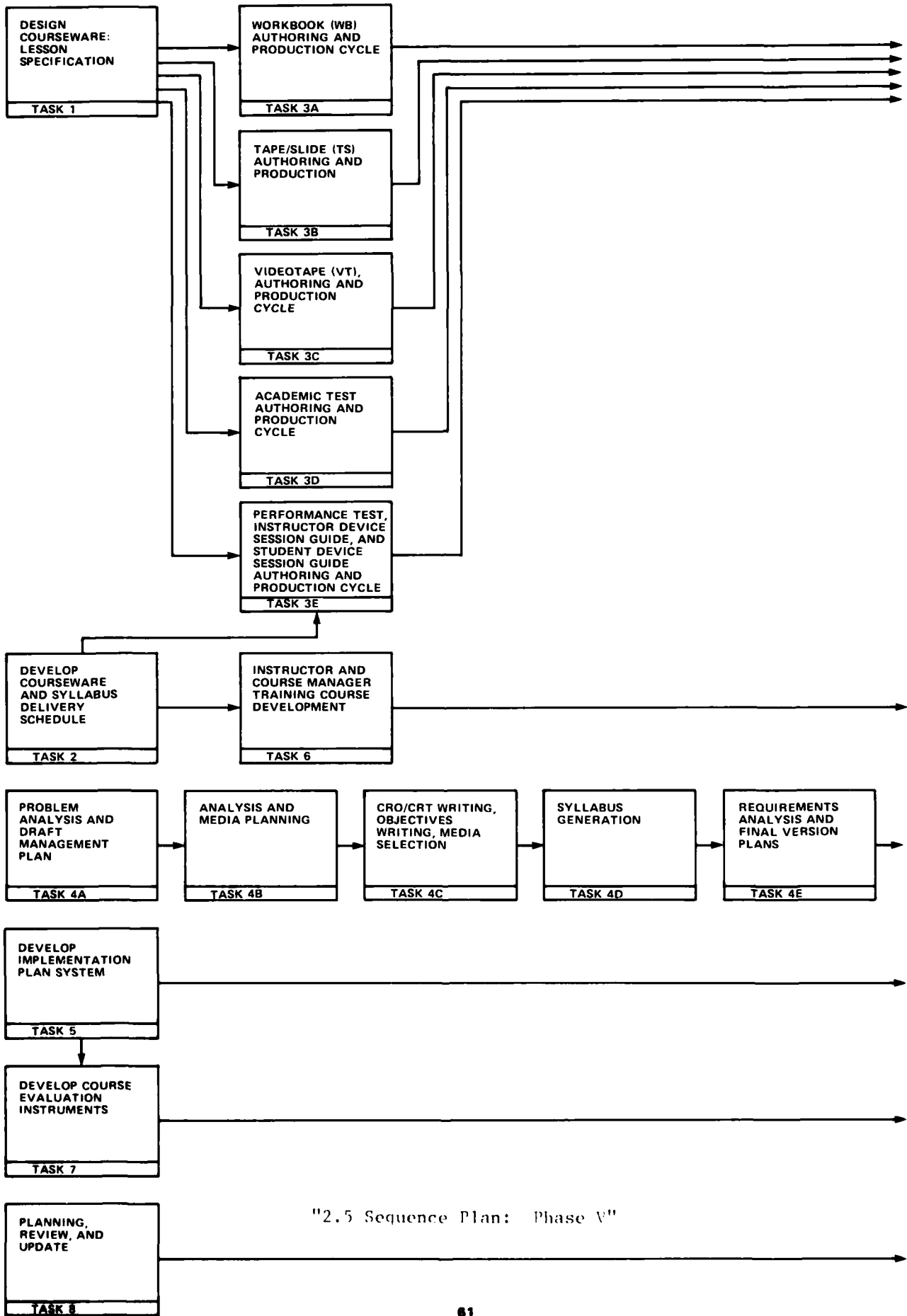
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2.4.24 TASK EVENT PLAN

Task 24: Phase IV Review, Update, & Work Plan Update

No.	Event	Personnel	Date Due
1.	Review inputs from the Weapons System Manufacturer, Developmental Testing, Operational Test and Evaluation, and Operational Training		
2.	Collect changes to: a) F-16 hardware and tactics b) task analysis c) CROs & CRTs d) objectives hierarchy/goal analysis e) lead in training program f) program/system constraints g) information processing/management system h) media support options		
3.	Post changes in report/document master files		
4.	Report changes in periodic reports		
5.	Write Table of Contents		
6.	Draft		
7.	Conduct Courseware review		
8.	Make final versions		
9.	Edit report		
10.	Prepare final report		
11.	Deliver		



"2.5 Sequence Plan: Phase V"

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2.5.1 TASK EVENT PLAN

Task 1: Design Courseware: Lesson Specification

No.	Event	Status	Date Due
1.	Design Lesson Specification (LS) form for objective types		
2.	Complete LS forms for all RTU lessons		
3.	Courseware Review		
4.	OTDT Review		
5.	Retain for use in Authoring/ Production		

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2.5.2 TASK EVENT PLAN

Task 2: Develop Courseware and Syllabus Delivery Schedule

No.	Event	Status	Date Due
1.	Compile list of Pilot and Instructor Pilot material to be produced from Phase IV planning documentation		
2.	OTDT Review, approval, and direction		
3.	Order critical items instr. materials, Training Device (TD) exercises in desirable production sequence		
4.	Order allied and support material production relative to critical item ordering		
5.	Determine concurrent production rates of each variety of item produced		
6.	Determine earliest possible production (EPP) date of each ordered item		
7.	Determine schedule impacts and likely production lost time rate		
8.	Create schedule for item production		
9.	Plan periodic schedule reviews, schedule change procedures		



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2.5.3 TASK EVENT PLAN

Task 3: Develop and Produce Courseware

No.	Event	Status	Date Due
1.	Develop instructional format authoring, production, and editing guides		
2.	OTDT Review		
3.	Note: From this point the work plan for this task presents the current production procedures plan. Each segment of instruction produced will flow through this procedure. Revisions to the procedure are likely as required for economy or better production capability. Procedures are presented for individual media and for each type of produced item. Moreover, the general process of courseware development is described under its three main stages: authoring, production, and quality control.		
3a.	Develop and Produce Workbooks		
3b.	Develop and Produce Tape/Slides		
3c.	Develop and Produce Videotapes		
3d.	Develop and Produce Academic Tests		
3e.	Develop and Produce Performance Test, Instructor Device Seminar Guides, and Student Device Seminar Guides		

KEY: SME=Subject Matter Expert; IP=Instructional Psychologist  
IT=Instructional Technologist

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2.5.3A TASK EVENT PLAN

Task 3A: Workbook (WB) Authoring and Production Cycle

No.	Event	Status	Date Due
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AUTHORING

1. Authoring IT prepares authoring initiation folder
2. Authoring IT notifies Senior SME of segment ready for authoring
3. Assignment for authoring is made by Senior SME
4. SME researches and authors segment
5. Senior SME reviews segment for technical accuracy and approves
6. IP/T reviews segment for adherence to instructional specification to determine revisions needed
7. SME/Senior SME IP/T conference (if necessary) approves revision specification
8. SME authors revisions
9. Senior SME reviews segment for technical accuracy and approves
10. IP/T reviews revised segment for adherence to revision specification

INITIAL PRODUCTION

11. Senior SME makes final approval of authored segment

12. Segment is forwarded to Production IT
13. Production IT prepares necessary production packets for segment
14. Production IT/SME meet (if necessary) to clarify manuscript contents
15. Production IT completes production layout instructions
16. Production IT distributes production packets to WP operator and artist
17. Artist completes graphic art and headlines
18. IP/T inspects art for adherence to instructional guidelines
19. SME inspects art for technical correctness and approves
20. Artist revises graphics as necessary
21. SME proofreads text for technical accuracy and adherence to authored text and approves
22. SME inserts necessary text revisions
23. IP/T inspects text for adherence to instructional guidelines
24. WP Operator enters necessary text revisions and produces new typed output
25. Production IT assembles workbook pages and makes tryout copies
26. Senior SME inspects and makes final approval of produced segment
27. IP/T files workbook master pages and production notes

#### EVALUATION

28. Segment is forwarded to Evaluation IT
29. Evaluation IT prepares evaluation package for segment

30. Evaluation IT requests tryout subjects
31. Evaluation IT schedules tryout time and place
32. Evaluation IT conducts tryout
33. Evaluation IT prepares evaluation summary report
34. Segment forwarded to authoring IT
35. Evaluation IT, SME IP/T write revision specification as indicated by tryout summary report
36. Evaluation IT passes segment to authoring IT
37. SME authors revisions
38. Senior SME reviews revised segment for technical accuracy and approves
39. IP/T reviews revised segment for adherence to revision specification
40. Segment is forwarded to Production IT

#### REVISION PRODUCTION

41. Production IT prepares revision packets for segment
42. Production IT distributes packets to WP operator and artist
43. Artist revises graphics as per specification
44. IP/T inspects art for adherence to revision specification
45. SME inspects art for technical accuracy
46. WP operator revises text as per specification and produces revised printout
47. Artist pastes up workbook
48. IP/T inspects text for adherence to revision specification
49. Senior SME inspects text for technical accuracy and approves

#### RE-EVALUATION

51. IP/T/Senior SME determine need for further tryout

#### FINAL PRODUCTION

52. Production IT prepares xerox tryout copies if further tryout has been required (return to step 28)
53. Otherwise, production IT prepares printing instructions if final version production is appropriate
54. Senior SME inspects and makes final approval of produced workbook
55. Production IT forwards segment either to Evaluation IT or to printer
56. Production IT receives printed pages from printer
55. Production IT files master pages and assembles and stores printed workbooks

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PROGRAM WORK PLAN

2.5.3B TASK EVENT PLAN

Task 3B: Tape/Slide (TS) Authoring and Production (Note:  
tape/slides later designated audio/slides by OTDT).

No.	Event	Status	Date Due
AUTHORING			
1.	Authoring IT prepares authoring folder		
2.	Authoring IT notifies Senior SME of segment ready for authoring		
3.	Assignment for authoring is made by Senior SME		
4.	Assigned SME/Scriptwriter/Authoring IT hold concept meeting		
5.	Senior SME reviews concept recommendations for style		
6.	IP reviews concept recommendations for strategy and message characteristics		
7.	SME authors content draft using authoring guides		
8.	Authoring IT reviews content draft for completeness		
9.	Senior SME reviews content draft for technical accuracy and gives final approval		
SCRIPTWRITING			
10.	Scriptwriter uses content draft to produce working script (first draft)		
11.	Graphic coordinator and script writer create thumbnail sketches and work-sheets		

12. IT reviews sketches and script for adherence to specifications
13. SME reviews sketches and script for technical accuracy and makes final approval
14. Authoring IT passes segment to Production IT

#### INITIAL PRODUCTION

15. Production IT assigns art work to artist
16. Production IT assigns worksheet production to word processor staff and paste-up artist
17. Artists produce smooth sketches and worksheet art
18. Graphics coordinator reviews smooth sketches and worksheet art
19. Editor proofreads worksheet text
20. Paste-up artist pastes up worksheets
21. SME/Senior SME/Scriptwriter/IT/IP revise script, smooth sketches and worksheets, and approve or create a revision specification
22. SME re-authors content draft as required by revision specifications
23. Scriptwriter revises working script and worksheets as required by revision specification
24. Senior SME reviews revisions for technical accuracy and approves
25. Artist revises smooth sketches and worksheet art
26. IP reviews revisions for strategy and message characteristics
27. Graphics coordinator reviews revised art for adherence to specification and message

28. Word Processor staff produces revised worksheet text
29. Paste-up artist produces revised worksheet
30. Senior SME makes final approval of revisions
31. Local narrator produces tryout tape
32. Production IT passes segment to Evaluation IT

#### EVALUATION

33. Evaluation IT assembles evaluation package for segment
34. Evaluation IT requests tryout subjects from Senior SME
35. Evaluation IT schedules tryout time and place
36. Evaluation IT conducts tryout
37. Evaluation IT prepares evaluation summary report
38. Evaluation IT/SME/IP/graphics coordinator/Authoring IT write revision specification
39. Evaluation IT forwards segment to Authoring IT

#### REVISION

40. SME revises content draft as required
41. Senior SME reviews revised content draft for technical accuracy
42. Scriptwriter revises working script and worksheets as required by revisions specification
43. Segment is passed to Production IT

#### REVISION PRODUCTION

44. Artist revises art as required by revision specifications



45. IP reviews revised working script, art, and worksheets for strategy
46. Senior SME reviews revised script, art, and worksheets for technical accuracy and approves
47. IP and Senior SME determine need for further tryout of segment
48. Local narrator produces revised try out tape (if necessary)

#### RE-EVALUATION

49. Production IT prepares material in evaluation form (return to Step 33 if necessary)

#### FINAL PRODUCTION

50. Otherwise Production IT assigns final art, worksheet, and audiotape production
51. Artist produce final art
52. Narrator produces final pulsed audiotape
53. Word processor staff and art paste-up produce final worksheets
54. Production IT/IP review final art, worksheets, and audiotape
55. Senior SME reviews final art, worksheets, and audiotape and approves
56. Photographer shoots slides, reshoots if necessary
57. Photographer assembles slides in tray, and checks synchronization of slide and tape
58. IP/Senior SME make final review of segment and approve

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PROGRAM WORK PLAN

2.5.3C TASK EVENT PLAN

Task 3C: Videotape (VT), Authoring and Production Cycle

No.	Event	Status	Date Due
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AUTHORING

1. Authoring IT prepares authoring initiation folder
2. Authoring IT notifies Senior SME of segment ready for authoring
3. Assignment for authoring is made by Senior SME
4. Authoring IT/IP/SME/TVD meet and draft segment concept
5. Senior SME approves segment concept
6. SME writes content draft for script using authoring guides
7. Senior SME reviews content draft for technical accuracy and approves

SCRIPTWRITING

8. Scriptwriter/graphics coordinator prepare first version of the script with visual sketches and sample worksheets
9. Senior SME reviews First version script for technical accuracy and approves
10. IP/T reviews first version script and worksheets for adherence to strategy specifications and message quality

11. Television Director (TVD) reviews first version script for technical effects and production control factors and recommends modifications
12. SME revises content draft as required
13. SME/IP/Authoring IT/graphics coordinator/TVD meet and make script and story board revision
14. Senior SME reviews revised script for technical accuracy and approves
15. Segment is passed to Production IT
16. TVD schedules production (production PERT)
17. TVD schedules talent, equipment, and properties for production
18. TVD accomplishes film footage shooting
19. TVD accomplishes shooting of live talent sequences
20. TVD accomplishes location shooting
21. TVD orders art and titles from graphics coordinator
22. TVD orders photography from graphics coordinator
23. TVD produces special sound effects
24. TVD/Senior SME/SME/ Production IT/IP inspect and approve Videotape (VT) footage
25. TVD/Senior SME/SME/Production IT/IP inspect and approve art and photography
26. TVD supervises editing of VT
27. Production IT forwards segment to Evaluation IT

#### EVALUATION

28. Evaluation IT assembles evaluation package for segment
29. Evaluation IT requests tryout subjects from Senior SME
30. Evaluation IT schedules tryout time and place
31. Evaluation IT conducts tryout
32. Evaluation IT prepares production summary report
33. TVD, Sr. SME, SME, IP and Production IT review VT and approve or write revision specification

#### REVISION

34. Scriptwriter executes needed script revisions. TVD schedules and executes revision and editing
35. TVD/Senior SME/SME/IP/Production IT review and approve revisions, determine if re-evaluations is necessary
36. Evaluation IT conducts re-evaluation (return to Step 28 if necessary)
37. Otherwise, TVD prepares final master copy

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2.5.3D TASK EVENT PLAN

Task 3D: Academic Test Authoring and Production Cycle

No.	Event	Status	Date Due
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Note: Academic test will be authored and produced at the same time as instruction. Authoring materials and forms for tests will be included in the authoring initiation folders prepared by the Authoring IT. All production steps for WB, TS, and VT should be understood to include the related academic tests.

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2.5.3E TASK EVENT PLAN

Task 3E: Performance Test, Instructor Device Session Guide, and Student Device Session Guide Authoring and Production Cycle

No.	Event	Status	Date Due
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AUTHORING

1. Authoring IT prepares authoring initiation folder
2. Authoring IT notifies Senior SME of items ready to author
3. Assignment for authoring is made by Senior SME for authoring
4. SME researches and authors items
5. Senior SME reviews items for technical accuracy and approves
6. IP/T reviews items for adherence to specifications to determine revisions needed
7. SME author revision
8. Senior SME reviews revisions for technical accuracy and approves

Note: From this point on the production, tryout, revisions, and reproduction processes for performance tests are the same as those for workbooks, starting at production Step #12.

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2.5.4 TASK EVENT PLAN

Task 4: Design Continuation Training Plan

No.	Event	Status	Date Due
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Note: Groundwork for Task 4 was laid during Phase IV design efforts. Much of the documentation produced during Phase IV will be reviewed during Task 4 and modified or added to as necessary. The result will be a design for continuation training like that already produced for RTU training during Phase IV. Because of the numerous activities necessary to produce the continuation training scheme, work plans are reported separately as follows:

Task 4A: Problem analysis and draft management

Task 4B: Analysis and media plan

Task 4C: CRO/CRT, objectives hierarchy writing

Task 4D: Syllabus generation

Task 4E: Requirements analysis and final version management plan

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2.5.4A TASK EVENT PLAN

Task 4A: Problem Analysis and Draft Management Plan

No.	Event	Status	Date Due
1.	Plan problem analysis data collection		
	a. Identify present continuation training agents and programs		
	b. Select continuation training areas to be addressed by F-16		
	c. OTDT review and approval of selection		
	d. Determine data to be gathered relative to each program		
	e. Create system analysis workbook		
2.	Arrange data collection contracts		
3.	Collect problem analysis interview data		
4.	Collect and review problem analysis document data		
5.	Summarize problem analysis findings		
6.	Review RTU management planning		
7.	Determine format and scope of continuation training management plan		
8.	OTDT review and approval		
9.	Courseware review and approval		
10.	Write continuation training management plan		
11.	OTDT review and approval		
12.	Courseware edit		
13.	Courseware production		



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2.5.4.B TASK EVENT PLAN

Task 4B: Analysis and Media Planning

No.	Event	Status	Date Due
1.	Review F-16 Pilot and Instructor Pilot Task and Goal Analysis		
2.	Determine need for additional analysis		
3.	Execute task analysis procedure as required		
4.	Validate task analysis		
5.	Select tasks for training		
6.	Execute goal analysis as required		
7.	Validate goal analysis		
8.	OTDT review and approval		
9.	Courseware review and approval		
10.	Courseware edit		
11.	Courseware production		
12.	Identify and review existing continuation training instructional materials (hold for syllabus building)		
13.	Develop F-16 continuation training media selection model		
14.	OTDT review and approval		
15.	Courseware review and approval		

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2.5.4C TASK EVENT PLAN

Task 4C: CRO/CRT Writing, Objectives Writing, Media Selection

No.	Event	Status	Date Due
1.	Guide SMEs in writing CROs according to Report #5 guidelines for newly identified tasks		
2.	OTDT review and approval		
3.	Off-team SME validation review		
4.	Courseware review and approval		
5.	Courseware edit		
6.	Courseware production		
7.	Write continuation training objectives hierarchies		
8.	OTDT review and approval		
9.	Off-team SME validation review		
10.	Courseware review and approval		
11.	Courseware edit		
12.	Courseware production		

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2.5.4D TASK EVENT PLAN

Task 4D: Syllabus Generation

No.	Event	Status	Date Due
1.	Obtain final approval of continuation training plan scope from OTDT		
2.	Make final task selections and revisions to media selection decision		
3.	Apply media selection process to instructional objectives and CROs		
4.	Apply syllabus generating procedures outlined in Phase IV		
5.	OTDT review and approval		
6.	Courseware review and approval		
7.	Courseware edit		
8.	Courseware production		

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2.5.4E TASK EVENT PLAN

Task 4E: Requirements Analysis and Final Version Plans

No.	Event	Status	Date Due
1.	Review Training Support Requirements Analysis(TSRA) documentation from Phase IV		
2.	Modify as necessary to accommodate continuation training TSRA		
3.	Obtain updated problem analysis data a) existing assets b) constraints c) training policies and regulations d) student volume		
4.	Calculate resource requirements for continuation training as defined by preliminary management plan, syllabus, and media selection		
5.	Adjust plans as required in coordination with OTDT		
6.	Write final version management plan media selection and syllabus		
7.	OTDT review and approval		
8.	Courseware review and approval		
9.	Courseware edit		
10.	Courseware production		

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2.5.5 TASK EVENT PLAN

Task 5: Develop Implementation Plan System

No.	Event	Status	Date Due
1.	Review Management, System Design and QC Plans from Phase IV		
2.	Modify all plans and syllabi according to current constraints and training schedules		
3.	Create Implementation Schedule		
4.	Create needed forms, instruments, and report formats		
5.	Create needed instruction on system management and use for students, instructors, and managers		
6.	Courseware review		
7.	OTDT review of all plans, schedules, forms, instruments, report formats, and instruction		

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2.5.6 TASK EVENT PLAN

Task 6: Instructor and Course Manager Training Course  
Development

No.	Event	Status	Date Due
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Note: The development of instructor and Course Manager instructional materials follows the same process as that for Pilot materials as described under Task 3. The work Plan steps given there will be the work plan for this Task.

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2.5.7 TASK EVENT PLAN

Task 7: Develop Course Evaluation Instruments

No.	Event	Status	Date Due
1.	Review updated versions of Quality Control plan		
2.	Determine evaluation instruments required and specifications for each as described		
3.	Construct evaluation instruments		
4.	Courseware review		
5.	OTDT team review		



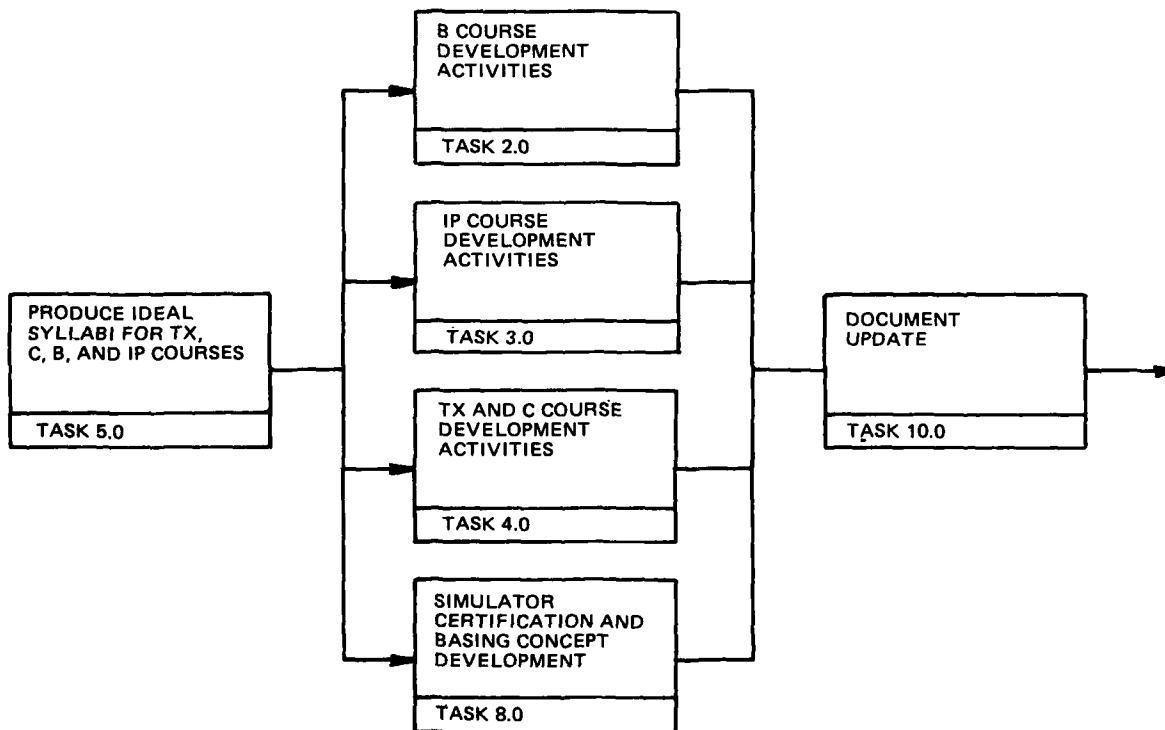
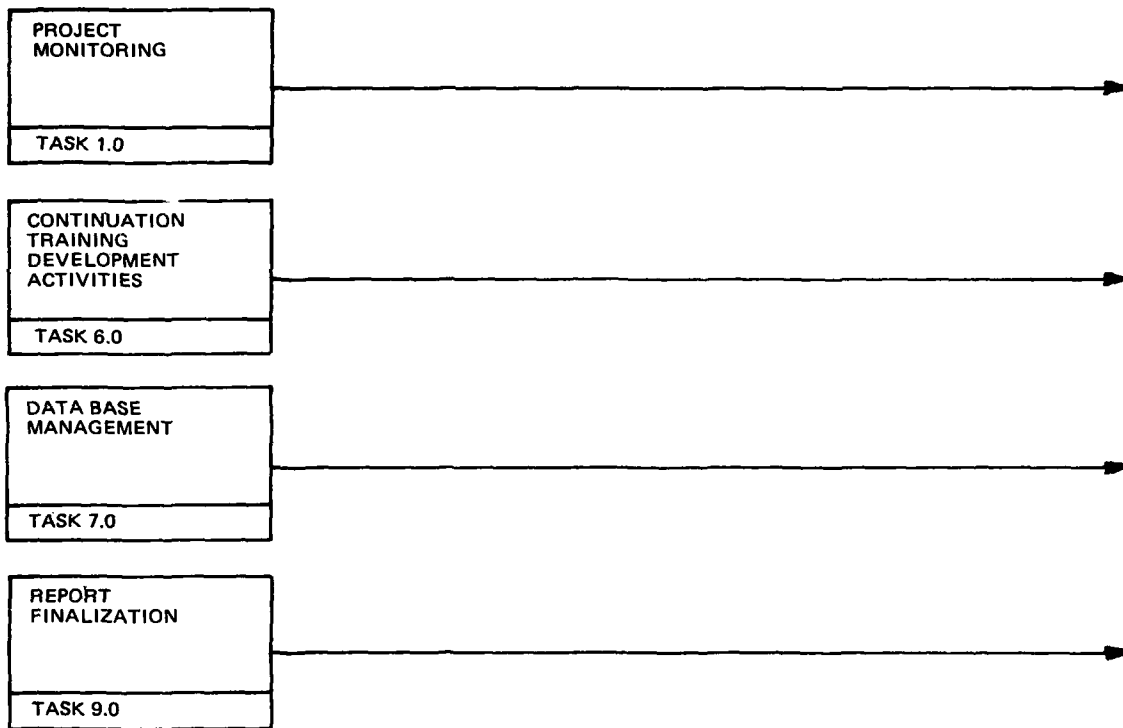
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2.5.8 TASK EVENT PLAN

Task 8: Phase V Review, Update, and Work Plan Update

No.	Event	Status	Date Due
1.	Review inputs from the weapons system manufacturer, developmental testing, operational test and evaluation, and operational training		
2.	Collect changes to: a) F-16 hardware and tactics b) task analysis c) CROs and CRTs d) objectives hierarchy/goal analysis e) program/system constraints f) information processing/management system g) media support options		
3.	Post changes in report/document master files		
4.	Report changes in periodic reports		



2.6 SEQUENCE PLAN: PHASE VI

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2.6.1 TASK EVENT PLAN

Task 1.0: Project Monitoring

No.	Event	Status	Date Due
1.1	Develop/update work plans		
1.2	Develop monthly reports		
1.3	Track project progress		
1.4	Conduct weekly coordination meetings		
1.5	Conduct phase reviews		
1.5.1	Prepare previous phase progress summary		
1.5.2	Prepare summary of oncoming phase work		
1.5.3	Produce briefing media		
1.5.4	Conduct review management		
1.6	Conduct quarterly reviews		
1.6.1	Prepare previous quarter progress summary		
1.6.2	Prepare summary of oncoming quarter work plan		
1.6.3	Produce briefing media		
1.6.4	Conduct review meeting		
1.7	On-going project coordination		

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2.6.2 TASK EVENT PLAN

Task 2.0: B Course Development Activities

No.	Event	Status	Date Due
2.1	Design B Course		
2.1.1	Objectives development		
2.1.1.1	Contractor/OTD team produce instructional objectives		
2.1.1.2	Inst. Obj. preliminary document produced on Word Processor		
2.1.1.3	OTDT & CWI review of Inst. Obj & recommended changes		
2.1.1.4	Insertion of changes		
2.1.1.5	Word Processing entry of changes		
2.1.1.6	Second review and document approval		
2.1.1.7	Generate titles for syllabus phases		
2.1.1.8	Data collected for each objective		
2.1.2	Prepare sequenced instructional segment list		
2.1.2.1	Categorize objectives by phase of syllabus		
2.1.2.2	Create initial sequence and segment groupings		
2.1.2.3	Review preliminary list in detail and adjust		
2.1.2.4	Prepare books for final review		
2.1.2.5	Conduct final review and approve		
2.1.3	Select media for each objective		
2.1.3.1	Collect media requirements data for each objective (academic and hands on)		
2.1.3.2	Data entered into computer		
2.1.3.3	Run computer program		
2.1.3.4	Assign media to segments		
2.1.4	Produce delivery schedule		
2.1.4.1	Estimate development and production time and costs for full mediation		

- 2.1.4.2 Determine need for scaled-down mediation plan
- 2.1.4.3 Determine production priorities
- 2.1.4.4 Reassign media based on budget
- 2.1.4.5 Determine production delivery schedule

2.1.5 Produce syllabus

- 2.1.5.1 Define tasks to be included in course
- 2.1.5.2 Define major emphasis areas and assign tasks to each
- 2.1.5.3 Break emphasis areas into sub-areas
- 2.1.5.4 Assign performance criteria levels to each task
- 2.1.5.5 Identify prerequisite sequences within emphasis areas
- 2.1.5.6 Combine area sequences to form general syllabus sequence
- 2.1.5.7 Define syllabus mastery level for each task
- 2.1.5.8 Collect D/P/E data for each task
- 2.1.5.9 Prepare aircraft syllabus time line
- 2.1.5.10 Prepare training device syllabus time line
  - 2.1.5.10.1 Determine tasks prerequisite to each aircraft sortie
  - 2.1.5.10.2 Distribute trainer sessions relative to aircraft sessions
  - 2.1.5.10.3 Designate optimal training device for each task
  - 2.1.5.10.4 Determine aircraft-trainer tradeoff
  - 2.1.5.10.5 Designate best guess number of trainer sessions
  - 2.1.5.10.6 Assign tasks to sorties
  - 2.1.5.10.7 Consolidate tasks within trainer sessions for optimal sequence
  - 2.1.5.10.8 First review of trainer syllabus
  - 2.1.5.10.9 Revise as necessary
  - 2.1.5.10.10 Second review and approval of trainer syllabus
- 2.1.5.11 Insert academics into syllabus sequence
- 2.1.5.12 Prepare and send syllabus for official review

- 2.1.6 Produce course maps
  - 2.1.6.1 Develop initial version of course maps
  - 2.1.6.2 Review initial version of course maps
  - 2.1.6.3 Revise initial version of course maps
  - 2.1.6.4 Final review and acceptance of course maps
- 2.1.7 Produce course flow charts
  - 2.1.7.1 Develop initial version of course maps
  - 2.1.7.2 Review initial version of course flow charts
  - 2.1.7.3 Revise initial version of course flow charts
  - 2.1.7.4 Final review and acceptance of course flow charts
- 2.1.8 Determine segment types
- 2.1.9 Develop segment specification format
  - 2.1.9.1 Develop initial version segment specification formats
  - 2.1.9.2 Try out initial version segment specification formats
  - 2.1.9.3 Gather SME comments on initial version segment specification formats
  - 2.1.9.4 Revise initial version segment specification formats
  - 2.1.9.5 Collect further comments about initial version segment spec formats
  - 2.1.9.6 Review and approval initial version seg spec formats
- 2.2 Develop B Course Materials
  - 2.2.1 Develop Transition Phase materials
    - 2.2.1.1 Instructional presentation media
    - 2.2.1.2 Instruction support materials
  - 2.2.2 Develop Navigation Phase materials
    - 2.2.2.1 Instructional presentation media
    - 2.2.2.2 Instruction support materials
  - 2.2.3 Develop Intercept Phase materials
    - 2.2.3.1 Instructional presentation materials
    - 2.2.3.2 Instruction support materials
  - 2.2.4 Develop Basic Fighter Maneuvers Phase materials

- 2.2.4.1 Instructional presentation materials
- 2.2.4.2 Instruction support materials
- 2.2.5 Develop DART Phase materials
  - 2.2.5.1 Instructional presentation materials
  - 2.2.5.2 Instruction support materials
- 2.2.6 Develop Surface Attack/Surface Attack Night Phase materials
  - 2.2.6.1 Instructional presentation materials
  - 2.2.6.2 Instruction support materials
- 2.2.7 Develop Surface Attack Tactics phase materials
  - 2.2.7.1 Instructional presentation materials
  - 2.2.7.2 Instruction support materials
- 2.3 Produce System Management, Evaluation and Performance Measurement Tools and Policies
  - 2.3.1 Specify required tools and policies
  - 2.3.2 OTDT approval of list
  - 2.3.3 Identify tools and policies requiring TAC and/or local level approval
  - 2.3.4 Produce tools and policies
    - 2.3.4.1 Produce tools and policies for TAC approval
      - 2.3.4.1.1 Produce tools for TAC approval
        - 2.3.4.1.1.1 Design tools
        - 2.3.4.1.1.2 Develop tools
        - 2.3.4.1.1.3 Send tools to TAC
        - 2.3.4.1.1.4 Receive preliminary TAC response
        - 2.3.4.1.1.5 Redesign as required
        - 2.3.4.1.1.6 Resubmit as required
      - 2.3.4.1.2 Produce policies for TAC approval
        - 2.3.4.1.2.1 Design policies

- 2.3.4.1.2.2 Develop policies
- 2.3.4.1.2.3 Send policies to TAC
- 2.3.4.1.2.4 Receive preliminary TAC response
- 2.3.4.1.2.5 Redesign as required
- 2.3.4.1.2.6 Resubmit as required
- 2.3.4.2 Produce tools and policies for local approval
  - 2.3.4.2.1 Produce tools for local approval
    - 2.3.4.2.1.1 Design tools
    - 2.3.4.2.1.2 Develop tools
    - 2.3.4.2.1.3 Submit for local review
    - 2.3.4.2.1.4 Receive local response
    - 2.3.4.2.1.5 Revise if required
    - 2.3.4.2.1.6 Resubmit if required
  - 2.3.4.2.2 Produce policies for local approval
    - 2.3.4.2.2.1 Develop policies
    - 2.3.4.2.2.2 Submit for local review
    - 2.3.4.2.2.3 Receive local review
    - 2.3.4.2.2.4 Revise if required
    - 2.3.4.2.2.5 Resubmit if required



- 2.3.5 Receive TAC and local approval on tools and policies
  - 2.3.5.1 Receive TAC approval
  - 2.3.5.2 Receive local approval
  
- 2.3.6 Reproduce forms for use
  - 2.3.6.1 Reproduce evaluation forms for use
  - 2.3.6.2 Reproduce management forms for use
  
- 2.4 Implement B Course
  - 2.4.1 Set up Hill AFB Learning Center (USAF task)
  - 2.4.2 Train squadron and wing administrative personnel in systems operation and procedures (USAF task)
  - 2.4.3 Augment record keeping system at squadron and wing (USAF task)
  - 2.4.4 Train squadron and wing instructor in system operation and instructor procedures (USAF task)
  
- 2.5 Evaluate B Course
  - 2.5.1 Conduct monthly evaluation cycle for Month 1
    - 2.5.1.1 Gather evaluation data (continuous)
    - 2.5.1.2 Produce monthly evaluation summary report
    - 2.5.1.3 Conduct monthly analysis and decision-making meeting
    - 2.5.1.4 Produce monthly revision specification report
  - 2.5.2 Conduct monthly evaluation cycle for Month 2
    - 2.5.2.1 Gather evaluation data (continuous)
    - 2.5.2.2 Produce monthly evaluation summary report
    - 2.5.2.3 Conduct monthly analysis and decision-making meeting
    - 2.5.2.4 Produce monthly revision specification report
  - 2.5.3 Conduct monthly evaluation cycle for Month 3
    - 2.5.3.1 Gather evaluation data (continuous)
    - 2.5.3.2 Produce monthly evaluation summary report
    - 2.5.3.3 Conduct monthly analysis and decision-making meeting

- 2.5.3.4 Produce monthly revision specification report
- 2.5.4 Conduct monthly evaluation cycle for Month 4
  - 2.5.4.1 Gather evaluation data (continuous)
  - 2.5.4.2 Produce monthly evaluation summary report
  - 2.5.4.3 Conduct monthly analysis and decision-making meeting
  - 2.5.4.4 Produce monthly revision specification report
- 2.5.5 Conduct monthly evaluation cycle for Month 5
  - 2.5.5.1 Gather evaluation data (continuous)
  - 2.5.5.2 Produce monthly evaluation summary report
  - 2.5.5.3 Conduct monthly analysis and decision-making meeting
  - 2.5.5.4 Produce monthly revision specification report
- 2.5.6 Conduct monthly evaluation cycle for Month 6
  - 2.5.6.1 Gather evaluation data (continuous)
  - 2.5.6.2 Produce monthly evaluation summary report
  - 2.5.6.3 Conduct monthly analysis and decision-making meeting
  - 2.5.6.4 Produce monthly revision specification report
- 2.5.7 Conduct monthly evaluation cycle for Month 7
  - 2.5.7.1 Gather evaluation data (continuous)
  - 2.5.7.2 Produce monthly evaluation summary report
  - 2.5.7.3 Conduct monthly analysis and decision-making meeting
  - 2.5.7.4 Produce monthly revision specification report
- 2.6 Revise B Course
  - 2.6.1 Conduct monthly revision cycle for Month 1
    - 2.6.1.1 Prepare revised instructional materials, guides and gradeslips
    - 2.6.1.2 Prepare syllabus and delivery systems and procedure revisions
    - 2.6.1.3 Prepare general instructional system policy and procedure revisions
  - 2.6.2 Conduct monthly revision cycle for Month 2
    - 2.6.2.1 Prepare revised instructional materials, guides and gradeslips
    - 2.6.2.2 Prepare syllabus and delivery systems and procedure revisions

- 2.6.2.3 Prepare general instructional system policy and procedure revisions
- 2.6.3 Conduct monthly revision cycle for Month 3
  - 2.6.3.1 Prepare revised instructional materials, guides and gradeslips
  - 2.6.3.2 Prepare syllabus and delivery system and procedure revisions
  - 2.6.3.3 Prepare general instructional system policy and procedure revisions
- 2.6.4 Conduct monthly revision cycle for Month 4
  - 2.6.4.1 Prepare revised instructional materials, guides and gradeslips
  - 2.6.4.2 Prepare syllabus and delivery system and procedure revisions
  - 2.6.4.3 Prepare general instructional system policy and procedure revisions
- 2.6.5 Conduct monthly revision cycle for Month 5
  - 2.6.5.1 Prepare revised instructional materials, guides and gradeslips
  - 2.6.5.2 Prepare syllabus and delivery system and procedure revisions
  - 2.6.5.3 Prepare general instructional system policy and procedure revisions
- 2.6.6 Conduct monthly revision cycle for Month 6
  - 2.6.6.1 Prepare revised instructional materials, guides and gradeslips
  - 2.6.6.2 Prepare syllabus and delivery system and procedure revisions
  - 2.6.6.3 Prepare general instructional system policy and procedure revisions
- 2.6.7 Conduct monthly revision cycle for Month 7
  - 2.6.7.1 Prepare revised instructional materials, guides and gradeslips
  - 2.6.7.2 Prepare syllabus and delivery system and procedure revisions
  - 2.6.7.3 Prepare general instructional system policy and procedure revisions

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2.6.3 TASK EVENT PLAN

Task 3.0: IP Course Development Activities

No.	Event	Status	Date Due
3.1	Design IP Course		
3.1.1	Objectives development		
3.1.1.1	Contractor/OTD team produce instructional objectives		
3.1.1.2	Inst. Obj. preliminary document produced on Word Processor		
3.1.1.3	OTDT & Courseware review of Inst. Obj & recommended changes		
3.1.1.4	Insertion of changes		
3.1.1.5	Word Processing entry of changes		
3.1.1.6	Second review and document approval		
3.1.1.7	Generate titles for syllabus phases		
3.1.1.8	Data collected for each objective		
3.1.2	Prepare sequenced instructional segment list		
3.1.2.1	Categorize objectives by phase of syllabus		
3.1.2.2	Create initial sequence and segment groupings		
3.1.2.3	Review of preliminary list in detail and adjust		
3.1.2.4	Prepare books for final review		
3.1.2.5	Conduct final review and approve		

- 3.1.3 Select media for each objective
  - 3.1.3.1 Collect media requirements data for each objective (academic and hands on)
  - 3.1.3.2 Enter data into computer
  - 3.1.3.3 Run computer program
  - 3.1.3.4 Assign media to segments
- 3.1.4 Produce delivery schedule
  - 3.1.4.1 Estimate media development and production time and costs
  - 3.1.4.2 Determine need for scaled-down mediation
  - 3.1.4.3 Determine production priorities
  - 3.1.4.4 Reassign media based on budget
  - 3.1.4.5 Determine production delivery schedule
- 3.1.5 Produce syllabus
  - 3.1.5.1 Define tasks to be included in course
  - 3.1.5.2 Define major emphasis areas and assign tasks
  - 3.1.5.3 Break emphasis areas into sub-areas
  - 3.1.5.4 Assign performance criteria levels to each task
  - 3.1.5.5 Identify prerequisite sequences within emphasis areas
  - 3.1.5.6 Combine area sequences to form general syllabus sequence
  - 3.1.5.7 Define syllabus mastery level for each task
  - 3.1.5.8 Collect D/P/E data for each task
  - 3.1.5.9 Prepare aircraft syllabus time line
  - 3.1.5.10 Prepare training device syllabus time line
    - 3.1.5.10.1 Determine tasks prerequisite to each aircraft sortie
    - 3.1.5.10.2 Distribute trainer sessions relative to aircraft sessions
    - 3.1.5.10.3 Designate optimal training device for each task
    - 3.1.5.10.4 Determine aircraft-trainer tradeoff
    - 3.1.5.10.5 Designate best guess number of trainer sessions

- 3.1.5.10.6 Assign tasks to sorties
- 3.1.5.10.7 Consolidate tasks within trainer sessions for optimal sequence
- 3.1.5.10.8 First review of trainer syllabus
- 3.1.5.10.9 Revise as necessary
- 3.1.5.10.10 Second review and approval of trainer syllabus
- 3.1.5.11 Insert academics into syllabus sequence
- 3.1.5.12 Prepare and send syllabus for official review
- 3.1.6 Produce course maps
  - 3.1.6.1 Develop initial version of course maps
  - 3.1.6.2 Review initial version of course maps
  - 3.1.6.3 Revise initial version of course maps
  - 3.1.6.4 Final review and acceptance of course maps
- 3.1.7 Produce course flow charts
  - 3.1.7.1 Develop initial version of course flow charts
  - 3.1.7.2 Review initial version of course flow charts
  - 3.1.7.3 Revise initial version of course flow charts
  - 3.1.7.4 Final review and acceptance of course flow charts
- 3.2 Develop IP Course Materials required for Hill AFB implementation (see 2.2 Develop B Course Materials)
- 3.3 Develop IP Course Materials for first full course (see 2.2 Develop B Course Materials)
- 3.4 Implement IP Course
  - 3.4.1 Implement IP course at Hill AFB
    - 3.4.1.1 Train IP course instructors in system operation and instructor procedures (USAF task)
    - 3.4.1.2 Conduct IP course (USAF task)
  - 3.4.2 Implement first full IP course
    - 3.4.2.1 Train IP course instructors (USAF task)

3.4.2.2 Conduct IP course (USAF task)

3.5 Evaluate IP Course

3.5.1 Evaluate Hill AFB IP course

3.5.1.1 Gather evaluation data (continuous)

3.5.1.2 Produce evaluation summary report

3.5.1.3 Conduct analysis and decision-making meeting

3.5.1.4 Produce revision specification report

3.5.1.5 Store evaluation data for use during revisions following first full course

3.5.2 Evaluate first full IP course

3.5.2.1 Gather evaluation data (continuous)

3.5.2.2 Produce evaluation summary report

3.5.2.3 Conduct analysis and decision-making meeting

3.5.2.4 Produce revision specification report

3.5.2.4 Store evaluation data for use during revisions following first full course

3.6 Revise IP course following first full use

3.6.1 Prepare revised instructional materials, guides and gradeslips

3.6.1.1 Prepare Phase I revisions

3.6.1.2 Prepare Phase II revisions

3.6.1.3 Prepare Phase III revisions

3.6.1.4 Prepare Phase IV revisions

3.6.1.5 Prepare Phase V revisions

3.6.1.6 Prepare Phase VI revisions

3.6.1.7 Prepare Phase VII revisions

3.6.1.8 Prepare Phase VIII revisions

3.6.2 Prepare syllabus and delivery system revisions

3.6.3 Prepare general instructional system policy and procedure revisions

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2.6.4 TASK EVENT PLAN

Task 4.0: TX and C Course Development Activities

No.	Event	Status	Date Due
4.1	Design TX course		
4.1.1	Update target population study of TX course students		
4.1.2	Determine mastery model for TX course syllabus in terms of B course tasks		
4.1.3	Determine usability of B course sorties for TX course mastery models		
4.1.4	Conduct D/P/E data collection as necessary		
4.1.5	Design TX course syllabus		
4.1.5.1	Select required sorties from B course syllabus		
4.1.5.2	Select required training device sessions from B course syllabus		
4.1.5.3	Select required academics from B course syllabus		
4.1.5.4	Create new aircraft sorties as required		
4.1.5.5	Create new Training Device sorties as required		
4.1.5.6	Organize and print TX course syllabi		
4.1.5.7	OTDT review		
4.1.5.8	Revisions as necessary		
4.1.5.9	Final review and local approval		
4.1.5.10	TAC review (USAF task)		
4.1.5.11	Revisions as necessary		
4.1.5.12	Final TAC review and approval (USAF task)		
4.2	Develop TX course modifications to management plan		
4.3	Develop and produce TX syllabus support materials		
4.4	Implement TX course (USAF task)		



- 4.5 Evaluate TX course (USAF task)
- 4.6 Revise TX course (USAF task)
- 4.7 Design C course
  - 4.7.1 Update target population study of C course students
  - 4.7.2 Determine mastery model for C course syllabus in terms of B course tasks
  - 4.7.3 Determine usability of B course sorties for C course mastery models
  - 4.7.4 Conduct D/P/E data collection as necessary
  - 4.7.5 Design C course syllabus
    - 4.7.5.1 Select required sorties from B course syllabus
    - 4.7.5.2 Select required training device sessions from B course syllabus
    - 4.7.5.3 Select required academics from B course syllabus
    - 4.7.5.4 Create new aircraft sorties as required
    - 4.7.5.5 Create new training device sorties as required
    - 4.7.5.6 Organize and print C course syllabus
    - 4.7.5.7 OTDT review (USAF task)
    - 4.5.7.8 Revisions as necessary
    - 4.5.7.9 Final review and local approval (USAF task)
    - 4.5.7.10 TAC review (USAF task)
    - 4.5.7.11 Revisions as necessary
    - 4.5.7.12 Final TAC review and approval (USAF task)
- 4.8 Develop C course modifications to management plan
- 4.9 Develop and produce C course syllabus support materials (sortie guides, gradeslips)
- 4.10 Implement C course (USAF task)
- 4.11 Evaluate C course
- 4.12 Revise C course Development Activities

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2.6.5 TASK EVENT PLAN

Task 5.0: Produce Ideal Syllabus for TX, C, B and IP Courses

No.	Event	Status	Date Due
5.1	Conduct training innovation study		
5.2	Identify candidate innovations		
5.3	Simulate application to B course of each innovation		
5.3.1	Estimate benefits of each innovation applied to B course		
5.3.2	Estimate costs and requirements of each innovation		
5.3.3	Conduct cost comparisons		
5.4	Identify possible interactions between innovations (combinations, synergistics)		
5.5	Establish implementation plan for implementing innovations		
5.6	Write advanced syllabus draft report		
5.7	OTDT review of report		
5.8	Final review and approval		

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2.6.6 TASK EVENT PLAN

Task 6.0: Continuation Training Development Activities

No.	Event	Status	Date Due
6.1	Plan continuation training system		
6.1.1	Problem analysis and draft management plan		
6.1.1.1	Plan problem analysis data collection		
6.1.1.2	Arrange data collection contacts		
6.1.1.3	Collect and review problem analysis, interview data		
6.1.1.4	Collect and review problem analysis, document data		
6.1.1.5	Summarize problem analysis findings		
6.1.1.6	Review RTU management planning		
6.1.1.7	Determine format and scope of continuation training management plan		
6.1.1.8	OTDT and TAC review and approval of training plan scope		
6.1.1.9	Write draft continuation training management plan		
6.1.1.10	OTDT review		
6.1.1.11	Revise as necessary		
6.1.1.12	OTDT review and approval		
6.1.1.13	TAC review		
6.1.1.14	Revision as necessary		
6.1.1.15	Addition of new data from design procedures		
6.1.1.16	TAC final review and approval		
6.1.2	Analysis and media planning		
6.1.2.1	Review IP and B course task analysis		
6.1.2.2	Determine requirements for additional analysis		

- 6.1.2.3 Perform additional analyses as required with SMEs
- 6.1.2.4 Validate task analysis
- 6.1.2.5 OTDT review and approval
- 6.1.2.6 Produce continuation training task and goal analysis documents
- 6.1.3 Identify and review existing continuation training instructional materials
- 6.1.4 Revise media selection model
- 6.1.5 CRO/CRT writing, objectives writing, and media selection
  - 6.1.5.1 SMEs write CROs
  - 6.1.5.2 QC review
  - 6.1.5.3 OTDT review and approval
  - 6.1.5.4 Off team SME validation review
  - 6.1.5.5 Produce CROs
  - 6.1.5.6 OTDT review and approval
  - 6.1.5.7 Off team SME validation review
  - 6.1.5.8 Produce objective hierarchies document
- 6.1.6 Media selection and syllabus generation
  - 6.1.6.1 Apply media selection to CROs and objectives
  - 6.1.6.2 Generate syllabus
  - 6.1.6.3 OTDT syllabus review
  - 6.1.6.4 Revision as necessary
  - 6.1.6.5 OTDT review and approval
  - 6.1.6.6 TAC review
  - 6.1.6.7 Revision as necessary
  - 6.1.6.8 Final TAC review and approval
  - 6.1.6.9 Produce syllabus document
- 6.2 Produce continuation training system
  - 6.2.1 Produce instructional materials for continuation training and reproduce borrowed materials
  - 6.2.2 Produce continuation training management, evaluation, and performance measurement tools
  - 6.2.3 Produce syllabus support materials

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2.6.7 TASK EVENT PLAN

Task 7.0: Data Base Management

No.	Event	Status	Date Due
7.1	Produce data base management and update plan		
	7.1.1 Produce draft data base management report and data forms		
	7.1.2 OTDT review		
	7.1.3 Revise report		
	7.1.4 Final OTDT review and approval		
7.2	Data Base update		
	7.2.1 Perform Phase V update		
	7.2.2 Perform Phase VI update		
7.3	Transfer data base update procedures to OTDT		

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2.6.8 TASK EVENT PLAN

Task 8.0: Simulator Certification and Basing Concept

No.	Event	Status	Date Due
8.1	Simulator certification		
	8.1.1		
	8.1.1.1		
	8.1.1.1.1		
	8.1.1.1.2		
	8.1.1.1.3		
	8.1.1.1.4		
8.2	Basing Concept		
	8.2.1		
	8.2.1.1		
	8.2.1.1.1		
	8.2.1.1.2		
	8.2.1.1.3		
	8.2.1.1.4		

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2.6.9 TASK EVENT PLAN

Task 9.0: Report Finalization

No.	Event	Status	Date Due
9.1	Finalize media selection report		
9.1.1	Identify and isolate CDRLs within media selection plan		
9.1.2	Rewrite media selection report, incorporating reselection results		
9.1.3	OTDT review of draft		
9.1.4	Final review and approval		
9.2	Finalize management plan report		
9.2.1	Create system implementation and management activities flow chart		
9.2.2	Create plan for system growth		
9.2.3	Identify and isolate CDRLs within management plan		
9.2.4	Produce revised draft of management plan		
9.2.5	OTDT review of draft		
9.2.6	Revisions of draft		
9.2.7	Final review and approval		
9.3	Finalize Cost Study Report		
9.3.1	TAC review of present report and formulation of revision plan (USAF task)		

- 9.3.2 Coordination of revision plan with contractor and formalized direction to contractor
- 9.3.3 Execution of needed USAF system studies
- 9.3.4 Rewriting of report
- 9.3.5 Review by OTDT
- 9.3.6 Review by TAC
- 9.3.7 Revision as necessary
- 9.3.8 Final review and approval by OTDT
- 9.3.9 Final review and approval by TAC



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2.6.10 TASK EVENT PLAN

Task 10.0: Document Update

No.	Event	Status	Date Due
10.0	Prepare Document Executive Summaries for each report		
10.2	Prepare each document for Defense Document System		