F-16 ELECTRONIC WARFARE TRAINING DEVICE

CONTRACT F33657-79-C-0820

AGENDA

HARDWARE CRITICAL DESIGN REVIEW (CDR)

Purpose:

A Critical Design Review will be held to enable AAI Corporation to make a formal presentation of their hardware design for the F-16 EWTD contract.

Objective:

The Critical Design Review will be a formal presentation in accordance with contract Statement of Work, Paragraph B8062J.3.3. A successful completion of the CDR will result in the Government acceptance of the AAI Hardware design for the F-16 EWTD.

Responsibilities:

AAI will be responsible for the conduct of the meeting in accordance with the Statement of Work including the following primary items:

1) Provide all required facilities.

2) Ensure active participation of contractor personnel to provide detailed presentations of all material within the scope of the review.

3) Provide accurate documentation of review proceedings, in the form of minutes.

YWW will be responsible for supporting the review by:

1) Serving as co-chairman.

2) Inviting personnel from interested/affected organization.

All attendees are encouraged to actively participate in open discussions on topics under review.
F-16 ELECTRONIC WARFARE TRAINING DEVICE
CONTRACT F33657-79-C-0820

AGENDA
HARDWARE CRITICAL DESIGN REVIEW (CDR)

Meeting Information:

Location:
AAI Corporation
York Road and Industry Lane
Cockeysville, Maryland 21030

Communications:

Phone - 301/628-3000
TWX - 710-232-1800
TELEX - 8-7849
TELECOPY - 301/628-3215

MAIL:
AAI Corporation
P.O. Box 6767
Baltimore, Maryland 21204

Scheduled Dates:
September 9, 10, 1980

Meeting Convenes:
8:30am - AAI Conference Room ('E' Building)

Security Classification:
This meeting will be unclassified.

Contacts:
F-16 EWTD Program Manager 2 Lt Dale Norwood 513/255-3792
AAI F-16 EWTD Project Mgr. F. J. Jankitsch 301/628-3036
AAI Project Business Mgr. H. W. Winston 301/628-3232
F-16 ELECTRONIC WARFARE TRAINING DEVICE
CONTRACT F33657-79-C-0820
AGENDA
HARDWARE CRITICAL DESIGN REVIEW (CDR)

Tuesday, Sept. 9, 1980
8:30am

1) F-16 Project Schedule
   FJJaklitsch

2) Project Status
   FJJaklitsch
   a. Hardware
   b. Software

3) PC Card Status
   ERektorik

4) Systems Block Diagrams Review
   ERektorik
   a. Hardware I/O Interface
   b. Symbol Generation
   c. Audio Generation

5) Detailed Design, Drawings
   ERektorik

1:30pm

6) Panel Status
   ERektorik

7) Detailed Cockpit Panel Design
   ERektorik

8) Console Status
   AFoote

9) Enclosure Design
   AFoote

10) EMI Compliance
    GGowdeski

Wednesday, Sept. 10, 1980
8:30am

11) Computer Hardware Configuration
    CLevis

12) Program Parts Selection
    ERektorik

13) Procurement Status
    ERektorik

14) Support Equipment
    LForella
F-16 ELECTRONIC WARFARE TRAINING DEVICE
CONTRACT F33657-79-C-0820
AGENDA
HARDWARE CRITICAL DESIGN REVIEW (CDR)

(Continued)

8:30am

15) Reliability and Maintainability
    LForella

16) Interface Status
    ERektorik

1:00am

17) Review

18) Action Items
MINUTES
PUBLICATIONS
GUIDANCE CONFERENCE
F-16 ELECTRONIC WARFARE
TRAINING DEVICE

June 1980
Date

Contract No: F33657-79-C-0820
Sequence No: 000
Data Item: DI-E-3118/M

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I. MINUTES

A. Introduction

The agenda is included in these minutes as Attachment A. These minutes are prepared and distributed in accordance with sequence no. 000.

B. Administrative Data

1. The meeting was held at AAI Corporation, Cockeysville, Md., beginning at 09:00 June 10, 1980 and concluded on 11 June 1980.

2. The meeting was convened under the direction of TSgt. Carl C. Bertholf, ASD/YWL. A list of attendees is included in Attachment B.

C. Material Reviewed

1. Mr. Fred Jaklitsch, AAI Program Manager, provided a brief description of the F-16 EWTD and reviewed Schedule and Status.

2. The Technical Publication Program Requirements and Schedule were reviewed in detail. Handouts upon which these discussions were based are contained in Attachment C.

3. The Technical Manual Plan was reviewed with minor comments.

4. In-process reviews were discussed and tentatively scheduled. A third in-process review (50%) was added to the schedule in the TMP.IAW AFAD 71-531-(11).

5. On-site validation was discussed. AAI explained that on-site validation was necessary to validate maintenance data on integrated system. Actual dates for this validation and subsequent USAF verification will be determined at a later date.

6. Validation was discussed and it was confirmed that Government representatives would be invited to witness same, both in-plant and on-site.

7. ASD will kick-off and wrap-up the verification effort.

8. CFEN's were discussed. OOALC provided samples and ASD provided copy of ASD Acquisition Document 71-4. CFEN's will be submitted on the computer system and power supplies. Additional CFEN's for support equipment may be required. If so, these notices will be submitted after individual SERD items are approved. AAI will attempt to have CFEN's complete prior to the 80% in-process review.
9. ITP's were discussed and will be utilized should AAI generate supplemental data for vendor documentation.

10. OOALC provided a sample of TOP's Data.

11. TOP's Data (SOW Para. B8062K.5.3) requirements were discussed in general without any real clarification or resolution. It was decided to table this topic. ASD will research the TOP's Data requirements and will present it as a topic of discussion at the next ICWG Meeting.

12. The requirements of Para. 3.3.8.4.4 of 823376A (periodic validation) were discussed in general. How this paragraph will be satisfied will be determined after the overall integration effort is defined.
ACTION ITEMS

1. AAI to revise TMP Para 3.6 to better quantify in-process review criteria.

2. AAI to add start and complete data of CFEN effort to TMP schedule.

3. AAI to provide USAF AAI's validation plan when available.

4. AAI to include CFEN's status in Status and Schedule Report.

5. ASK will kickoff and closeout verification effort.

6. ASD to investigate TOP's Data Requirements and insure that it is topic at next ICWG Meeting.

7. AAI will insure that adequate cautions and warnings are contained in the T.O.'s.
ATTACHMENT A

AGENDA

PUBLICATIONS GUIDANCE CONFERENCE

F-16 EWTD

Tuesday, June 10, 1980

1) F-16 EWTD Description
   FJJaklitsch
   System Description
   Program Milestones
   Project Status
   Co-production Program

2) Technical Publications Program
   GWCutright
   Review Deliverable Items, Specifications and Schedule
   Review Technical Manual Plan
   Plan, Discuss and Schedule Inprocess Reviews

Wednesday, June 11, 1980

Plan, Discuss and Schedule Validation Effort (sites)
Plan, Discuss and Schedule Verification Effort (sites)
Establish Verification Team Responsibilities and Procedure
Printing and Distribution of T.O.'s
Changes and Revisions Throughout Contract
CFE/CFAE Documentation

3) Summary and Generation and Review of Minutes.
**ATTACHMENT B**

**F-16 EWTD PUBLICATION GUIDANCE CONFERENCE**

10 June 1980

**LIST OF ATTENDEES**

<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>George W. Cutright</td>
<td>AAI Publications</td>
<td>301-628-3275</td>
</tr>
<tr>
<td>Lee R. Nelson</td>
<td>Hill AFB Utah</td>
<td>801-777-7494</td>
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<tr>
<td>John Huth</td>
<td>388 TFW/Hill AFB Utah</td>
<td>801-777-3827</td>
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<tr>
<td>Carl C. Bertholf</td>
<td>ASD/TWL, WPAFB OH.</td>
<td>513-255-6628</td>
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<tr>
<td>Lou Forella</td>
<td>AAI/ILS</td>
<td>301-628-3175</td>
</tr>
<tr>
<td>Joe M. Higgins</td>
<td>388 TFW/Hill AFB, Utah</td>
<td>801-777-3087</td>
</tr>
<tr>
<td>Fred Jaksitsch</td>
<td>AAI Project Manager</td>
<td>301-628-3036</td>
</tr>
</tbody>
</table>
F-16 EWTD TECHNICAL ORDERS

OPERATION AND MAINTENANCE
IAW MIL-H-82376A

IPB
IAW MIL-H-38807

WORK UNIT CODE MANUAL
IAW MIL-H-38786

WORD CARDS
IAW MIL-H-5096D

DELIVERY REQUIREMENTS

PRELIMINARY 30 DAYS PRIOR TO VERIFICATION

CHANGE PAGES AS REQUIRED

NEGATIVES 90 DAYS AFTER RECEIPT OF VERIFICATION COMMENTS
OTHER TECHNICAL ORDERS DATA

TECHNICAL MANUAL PLAN - DELIVERED 1 APRIL 1980
                          REVISIONS AS REQUIRED

CFAE/CFE NOTICES - AS REQUIRED

VALIDATION RECORDS - AT VERIFICATION

TECHNICAL MANUAL
STATUS AND SCHEDULES - 30 DAYS AFTER START OF EFFORT
                          UPDATES AS REQUIRED

CFAE/CFE TECHNICAL MANUALS COMMERCIAL LITERATURE - AS REQUIRED
Figure 5. Publications Milestone Chart
Figure 6. F-16 EWTD Technical Orders