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Acceptance and  
Turnover Plan

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## 8.0 ACCEPTANCE AND TURNOVER

The purpose of this section is to outline and define the formal transactions and the order or succession of inspections, checkouts, demonstrations, inventories and material transferences necessary to effect the acceptance and turnover of the WS107A-2 Operational Weapon System.

Acceptance by the Air Force and Turnover to SAC requires the following actions:

1. A demonstration by the responsible contractor of the satisfactory functioning of the Weapon System or increment thereof and the suitability of the Weapon System or increment for operational use.
2. An inventory of the serviceable equipment in the possession of the contractors which is to be turned over to the using activity and reconciliation of this equipment with the requirements of the contracts and the Unit Authorization List (UAL) of the using organization.
3. USAF acceptance of the completion of contractual services as specified by contract, and acceptance of hardware not previously accepted by the Air Force.
4. Turnover of all equipment and facilities as an operable weapon system of increment thereof to the using organization.

There are essentially four types of material for Acceptance and/or Turnover.

1. The Facility (Real Property) and Facility Installed Equipment (RPIE)
2. Contractor Furnished Equipment (CFE)
3. Government Furnished Equipment (GFE)
4. Completed Operational Complexes

Acceptance of the Weapon System may be accomplished on a subsystem or system level and may be incremental upon a complex or area basis or may be for an entire squadron.

The Weapon System Turnover will be affected after the successful completion of:

Facility Acceptance

Installation and Checkout of Equipment

Integrated Activation Exercises

Complex Acceptance and Buy-off



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After the successful completion of each functional demonstration, that portion being demonstrated will be offered for acceptance and turnover to that unit accepting for the Air Force.

The responsibilities of TMC for the Acceptance and Turnover of the Facilities and RPIE is described in Section 1.3 of this plan.

The Sequence of Events required for the implementation of the Associate Contractor responsibilities during the subsystem test phase and for TMC during the Activation Exercise phase are described in this section.



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## 8.1 SUBSYSTEM ACCEPTANCE

### 8.1.1 ASSOCIATE CONTRACTOR SUBSYSTEM TESTS:

Upon completion of installation and verification tests of the subsystems, Ground System Test Procedures (GSTP's) or equivalent will be conducted for each subsystem by all Associate Contractors. The Associate Contractors GSTP's for their respective subsystem are defined in Section 3.0 of this plan.

The AVCO Corporation and Sandia Corporation are responsible for subsystems test in the S&I Area for the Re-Entry Vehicle System. This will include the Re-Entry Vehicle and GSE, transporting to the complex site and installation upon the missile.

No subsystem tests are conducted upon the GSE in the GMAB as the GSE is installed as separate operating pieces of equipment. A functional wring-out is conducted during installations to ascertain continuity of circuitry, etc.

The GSTP's demonstrate the satisfactory operation of each Associate Contractor Subsystem and systems. It should be noted that the only marriage between major systems is between the Facility Damage Control System, AMF Launcher Control System, Propellant Loading System and the Martin Company Launch Control and Checkout System. With this specific exception, all other marriages between Associate Contractor systems occur in the Activation Exercise Phase. The tuning and adjustments of the components are conducted during the subsystem tests.

During the subsystem acceptance phase each Associate Contractor will initiate and/or maintain the following documentation. This documentation will be reviewed by TMC, as Integrating Contractor.

1. Equipment DD-250 Forms, Materiel Inspection and Receiving Reports
2. Equipment DD-149 Form, Requisition and Invoice Shipping Documents



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3. All AFTO - 2 forms
  - AFTO - 2 Missile System Status Record
  - AFTO - 2A Status and Operational Record
  - AFTO - 2B Component Replacement Record
  - AFTO - 2D Outstanding/Delayed Maintenance Record
  - AFTO - 2E Component Historical Record
4. DD-829-1 Historical Record-Technical Instruction Compliance Record
5. Equipment and Subsystem Inventory Sheets
6. Subsystem DD-250 Forms
7. Letters of Conformance (Equipment Installation and Subsystem Checkout)
8. AFQCR Certificates of Inspection

The TMC also continues maintenance of Facilities document received at BOD, i.e. AFTO-2 forms, etc., on RPIE, RP. All DD-250 forms for each item of equipment in the subsystem will be attached to each subsystem DD-250. In addition USAF Form DD-829-1, Historical Record - Technical Instruction Compliance Record for each item of GOE, will be filed with the DD-250 subsystem form. The AFTO-2 Forms are also maintained on a keep-up-to-date basis and form part of the turnover documentation. An incremental Quality Control Acceptance Plan Certification Log is prepared for each of the above systems. Successful completion of the Quality Control Acceptance will be attested by certificate (Ref. Figure 4).

All historical documentation of systems and equipment, DD-250 and DD-829-1 Forms etc., are made available to the TAT prior to final acceptance. The TAT will be comprised of representatives from the following organizations:

- SATAF Commander representative from BMC component of SATAF - Chairman
- AFBMD Detachment member - normally a systems engineer
- CMR Detachment member - normally from Quality Control
- AMA Detachment member - normally a systems engineer
- GEEIA Detachment member - normally a communications officer
- SAC Squadron member



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Following approval and acceptances by TAT of the Subsystem and Integrated Marriage Tests, preparation for the Activation Exercises will begin.

## 8.1.2 SEQUENCE OF EVENTS FOR SUBSYSTEM OR SYSTEM TESTS

The "Sequence of Events", for subsystem or system test, contains the minimum action requirements, for Associate Contractors and Military Agencies, from the initiation of a subsystem or system test, through test preparation, testing, and to Air Force Quality Control (AFQC) acceptance of the installation and checkout service, relative to the pertinent subsystem or system, on a "Conditional form DD-250".

The actions, required by the "Sequence of Events", assure adequate preparation for subsystem or system test, reconciliation of problem areas on a schedule that is compatible with the master activation schedule, and establishment of a subsystem or system posture that is acceptable to The Martin Company for the performance of the Activation Exercises.

A checklist for the Subsystem Sequence of Events shall be prepared for each Subsystem Test and utilized by the Associate Contractor to assure that all transactions are completed.

8.1.2.1 Forty (40) days prior to a planned subsystem or system test, the responsible Associate Contractor(s) will:

- a. Confirm that equipment delivery dates and installation plans are compatible with the test schedule.
- b. Confirm the scheduled completion date of the test procedure.
- c. Confirm that the test procedure will be compatible with the equipment configuration at test date.
- d. Determine the number of personnel required for the test.
- e. Determine availability of all test tools and facility support.

8.1.2.2 Thirty-two (32) days prior to a subsystem or system test, the responsible Associate Contractor(s) will collect ten (10) complete sets of test procedures for the subsystem or system to be tested.



# MASTER ACTIVITIES PLAN

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8.1.2.3 Thirty (30) days prior to the anticipated **subsystem or system test**, The Martin Company will advise SATAF of the impending **test**. This notification will describe the subsystem or system to be **tested and list the procedures** which will be used to perform the test.

8.1.2.4 Thirty (30) days prior to a **subsystem or system test**, the responsible Associate Contractor(s) will present to Air Force **Quality Control (AFQC)**, for review, ten (10) complete sets of test procedures **for the subsystem or system** to be tested.

8.1.2.5 Thirty (30) days prior to a **subsystem or system test** the responsible Associate Contractor(s) will prepare a typed **equipment list** on a reproducible master, listing all serviceable items of **Contractor** acquired and/or Government Furnished Equipment (GFE) in his **custody**.

8.1.2.6 Thirty (30) days prior to a **subsystem or system test**, the responsible Associate Contractor(s) will form an inventory **team composed** of representatives of the Associate Contractor(s) and Air Force **Quality Control (AFQC)**.

8.1.2.7 Twenty-six (26) days prior to a **subsystem or system test** the responsible Associate Contractor(s) will present an **equipment inventory list** of all serviceable items of Contractor Acquired and/or **Government Furnished Equipment (GFE)** in his custody to the Air Force **Quality Control (AFQC) Chief** for review and reconciliation against the Contract and **the current Squadron Unit Authorization List (UAL)**.

8.1.2.8 Twenty-four (24) days prior to a **subsystem or system test**, the Air Force **Quality Control (AFQC) Chief** will return the **equipment inventory list**, together with noted exceptions, to the responsible **Associate Contractor(s)**.

8.1.2.9 Twenty-four (24) days prior to a **subsystem or system test** the responsible Associate Contractor(s) will review the **equipment inventory list** and Air Force **Quality Control (AFQC)** noted exceptions and reconcile the



# MASTER ACTIVITIES PLAN

Site Manufacturing

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differences between the equipment on hand and that called for under the Contract or current Squadron Unit Authorization List with the Configuration Control Board (CCB) and, where applicable, will request a Contract Change Notification or a change to the Unit Authorization List from the Command concerned.

8.1.2.10 Twenty-four (24) days prior to a subsystem or system test the Administrative Contracting Officer will forward the responsible Associate Contractor's Request For Waiver of equipment deficiencies to the AFBMD Detachment for technical evaluation and written recommendations relative approval or disapproval.

8.1.2.11 Twenty-three (23) days prior to a subsystem or system test the AFBMD Detachment will recommend to the Administrative Contracting Officer approval or disapproval of the responsible Associate Contractor's Request For Waiver of equipment deficiencies.

8.1.2.12 Twenty-three (23) days prior to a subsystem or system test the Administrative Contracting Officer will immediately forward approved Waivers to BMC Contracting Officer for issuance of Contract Change Notifications (CCN's) which includes identification of deficiencies being waived.

8.1.2.13 Twenty-two (22) days prior to a subsystem or system test, the Procurement Contracting Officer will issue a Contract Change Notification (CCN), by priority message, listing CCN number(s) covering equipment deficiencies as approved by AFBMD Detachment to the responsible Associate Contractor's Contract Chief.

8.1.2.14 Twenty-one (21) days prior to a subsystem or system test the responsible Associate Contractor(s) will prepare Continuation Sheets, Form SPR-2 (4-61), on reproducible multilith pre-printed masters, incorporating Contract Change Notification(s) (CCN's) and/or Unit Authorization List (UAL) revisions as applicable.





# MASTER ACTIVITIES PLAN

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8.1.2.15 Twenty (20) days prior to a subsystem or system test the responsible Associate Contractor(s) will inventory all equipment applicable to the subsystem or system to be tested. This task will be a joint accomplishment by the responsible Associate Contractor(s) and Air Force Quality Control (AFQC). The configuration status, shortages, and open work items will be noted showing scheduled dates for corrective action to be accomplished. It will be noted if Historical Document, DD Form 829-1 is applicable to the item. Keys applicable to the subsystem or system will be added to the equipment inventory list, recording Key number and lock location.

8.1.2.16 Fourteen (14) days prior to a subsystem or system test, the responsible Associate Contractor(s) will compile a Calibration Requirements List for the subsystem or system to be tested. The list will include calibration range and accuracy, the date of last calibration, and the next calibration due date. Items requiring re-calibration within the next thirty (30) days will be identified, scheduled, and calibrated to insure validity of calibration interval during test run.

8.1.2.17 Twelve (12) days prior to a subsystem or system test, the responsible Associate Contractor(s) will accumulate a complete set of locally submitted FCR's.

8.1.2.18 Twelve (12) days prior to a subsystem or system test the responsible Associate Contractor(s) will prepare a list of all Class II Engineering Changes officially released by the Associate Contractor(s). This list will be divided into two (2) categories:

- a. Those changes incorporated into end-items.
- b. Those changes yet to be incorporated into end-items. (outstanding)

8.1.2.19 Twelve (12) days prior to a subsystem or system test, the responsible Associate Contractor(s) will prepare documentary evidence that all mandatory Engineering Change Proposals (ECP's) and Time Compliance Technical



# MASTER ACTIVITIES PLAN

Site Manufacturing

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Orders (TCTO's) have been installed and are complete end-items that are pertinent to the subsystem or system to be tested.

8.1.2.20 Twelve (12) days prior to a subsystem or system test, the responsible Associate Contractor(s) will update the reproducible (multilith pre-printed) masters of the Continuation Sheets, Form SPR-2(4-61), to incorporate configuration status, shortages, open work items, and scheduled date for corrective action to be accomplished.

8.1.2.21 Twelve (12) days prior to a subsystem or system test, the responsible Associate Contractor(s) will compile a complete set of inspection check lists reflecting inspection and acceptance by both the contractor(s) and the customer.

8.1.2.22 Ten (10) days prior to a subsystem or system test, the responsible Associate Contractor(s) will compile a complete set of Activation "Incremental" Compliance Reports for the system or subsystem to be tested, showing acceptance of this increment by the Associate Contractor(s) and Air Force Quality Control (AFQC).

8.1.2.23 Ten (10) days prior to a subsystem or system test, the responsible Associate Contractor(s) will prepare a "Certificate of Conformance", which reflects that his subsystem or system has been installed and completed in accordance with all applicable specifications, drawings, and contractual requirements.

8.1.2.24 Ten (10) days prior to a subsystem or system test, the responsible Associate Contractor(s) will compile documentation authorizing material shortages, open work items, waivers or contractual deviations.

8.1.2.25 Ten (10) days prior to a subsystem or system test, the responsible Associate Contractor(s) will make available accountability of the subsystem or system equipment that has been installed reflecting the Associate Contractor's Quality Control and Air Force Quality Control (AFQC) verification. The DD Form 250 supplied with equipment received at the site will be provided as supporting documentary evidence of compliance.



# MASTER ACTIVITIES PLAN

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8.1.2.26 Ten (10) days prior to a subsystem or system test, the responsible Associate Contractor(s) will compile a list, referencing the location, and serial number of each Material Review Action, applicable to the subsystem or system to be tested.

8.1.2.27 Ten (10) days prior to a subsystem or system test, the responsible Associate Contractor(s) will accumulate all discrepancy lists relating to the subsystem or system to be tested, showing corrective action accomplished.

8.1.2.28 Ten (10) days prior to a subsystem or system test, the responsible Associate Contractor(s) will prepare a list identifying all serialized components of the subsystem or system to be tested, by serial number (not below chassis level.)

8.1.2.29 Ten (10) days prior to a subsystem or system test, the responsible Associate Contractor(s) will collect and review all AFTO Series 2 and DD-829-1 forms required by WDT Exhibit 57-16, relating to the subsystem or system to be tested, assuring that all forms are updated to the current configuration.

8.1.2.30 Ten (10) days prior to a subsystem or system test, the responsible Associate Contractor(s) will accumulate all configuration status records on installations and end-items that are pertinent to the subsystem or system to be tested.

8.1.2.31 Ten (10) days prior to a subsystem or system test, the responsible Associate Contractor(s) will compile a list, pertinent to the subsystem or system to be tested, comprised of incomplete items of work including:

- a. Shortages.
- b. Open Quality Control discrepancies.
- c. Modifications not accomplished.
- d. Time Compliance Technical Orders (TCTO's) that have not been accomplished.
- e. Outstanding FCR's and ECP's.
- f. Unauthorized deviations or variations.



# MASTER ACTIVITIES PLAN

Site Manufacturing

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The responsible Associate Contractor(s) will include in this list:

- g. The reasons why these items have not been resolved, corrected, or completed.
- h. An explanation of their effect on the test of this particular subsystem or system.
- i. A scheduled date for completion of these items.

8.1.2.32 Seven (7) days prior to a subsystem or system test, the responsible Associate Contractor(s) will make available to Air Force Quality Control (AFQC), for review and verification, the following documentation applicable to the subsystem or system:

- a. Properly accomplished "Incremental Compliance Reports".
- b. All AFTO Series 2 and DD-829-1 forms.
- c. Complete records reflecting configuration status.
- d. A Calibration Requirements List which will include the date of last calibration and the next calibration due date.
- e. Records which identify, by serial number and part number, components of the subsystem or system (not below chassis level).
- f. Inspection check lists reflecting inspection and acceptance by both the contractor and the customer.
- g. A complete set of discrepancy lists showing corrective action.
- h. A complete list of all Material Review Action records.
- i. A list of all Class II Engineering Changes officially released by the Associate Contractor(s). This list will be divided into two categories:
  - 1. Those changes now incorporated into the end-item.
  - 2. Those changes yet to be incorporated into the end-items (outstanding).
- j. A complete set of locally submitted FCR's and documentation for inclusion in subsystem or system to be tested.
- k. Documentary evidence substantiating the inclusion of TCTO's into the end-item.
  - 1. A general recap sheet listing all open items of work.
  - 1. All open Quality Control discrepancies.

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# MASTER ACTIVITIES PLAN

Site Manufacturing

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2. Shortages.
3. Time Compliance Technical Orders (TCTO's) not accomplished.
4. Modifications not accomplished.
5. Outstanding FCR's and ECP's.
6. Unauthorized deviations or variations.

Also to be included:

7. Reasons why these items have not been resolved, corrected, or completed.
8. Possible effect on the particular subsystem or system during test.
9. The scheduled date of completion of these items.
- m. A listing of the subsystem or system equipment that has been installed and the DD Form 250 supplied with equipment received at the site will be made available as supporting documentary evidence.
- n. Documentation substantiating authorized waivers, shortages, or other contractual deviations.
- o. Certificates of Compliance, certifying that subsystem or system has been installed and completed in accordance with all applicable specifications, drawings, and other contractual requirements.

8.1.2.33 Four (4) days prior to a subsystem or system test, Air Force Quality Control (AFQC) will verify the following documentation, applicable to the subsystem or system, as previously made available by the responsible Associate Contractor(s).

- a. Properly accomplished "Incremental Compliance Reports"
- b. All AFTO Series 2 and DD-829-1 forms
- c. Complete records reflecting configuration status
- d. A Calibration Requirements List which will include the date of last calibration and the next calibration due date.
- e. Records which identify by serial number and part number, components of the subsystem or system, (not below chassis level).
- f. Inspection check lists reflecting inspection and acceptance by both the contractor and the customer.



# MASTER ACTIVITIES PLAN

Site Manufacturing

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- g. A complete set of discrepancy lists showing corrective action.
  - h. A complete list of all Material Review Action Records.
  - i. A complete set of locally submitted FCR's and documentation verifying inclusion in subsystem or system to be tested.
  - j. A list of all Class II Engineering Changes officially released by the Associate Contractor. This list will be divided into two categories:
    - 1. Those changes now incorporated into the end-item.
    - 2. Those changes yet to be incorporated into the end-items (outstanding).
  - k. Documentary evidence substantiating the inclusion of all mandatory ECP's and TCTO's into the end-item.
    - 1. A general recap sheet listing all open items of work including:
      - 1. Shortages
      - 2. All open Quality Control discrepancies
      - 3. Time Compliance Technical Orders (TCTO's) not accomplished
      - 4. Modifications not accomplished
      - 5. Outstanding FCR's and ECP's
      - 6. Unauthorized deviations or variations
- Also to be included:
- 7. Reasons why these items have not been resolved, corrected, or completed.
  - 8. Possible effect on the particular subsystem or system during test.
  - 9. The scheduled date of completion of these items.
  - m. A listing of the subsystem or system equipment that has been installed and the DD Form 250 supplied with equipment received at the Site shall be made available as supporting documentary evidence.
  - n. Documentation substantiating authorized waivers, shortages, or other contractual deviations.
  - o. Certificates of Compliance, certifying that subsystem or system has been installed and completed in accordance with all applicable specifications, drawings, and other contractual requirements.



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PLAN

Site Manufacturing

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p. Following verification of the foregoing documentation, AFQC will inform SATAF and The Martin Company by letter that:

1. Records and documentation ARE acceptable and the subsystem is acceptable for testing per specified schedule.
2. Records and documentation ARE NOT acceptable and the subsystem or system IS NOT acceptable for testing.

q. In the case of Reference "b" above, AFQC will state the reason(s) that records, documentation, and subsystem or system are not acceptable for test.

8.1.2.34 Three (3) days prior to a subsystem or system test, The Martin Company will re-confirm the test schedule with SATAF. SATAF will notify The Martin Company Test Conductor, in writing, conformation of the test schedule.

8.1.2.35 One (1) day prior to a subsystem or system test the responsible Associate Contractor(s) will inspect all equipment pertinent to the subsystem or system to be tested to assure that the equipment is sealed in accordance with the "Closure and Sealing" plan prepared by Air Force Quality Control (AFQC).

8.1.2.36 Subsystem or system test. The Martin Company will coordinate and direct all activities during the subsystem or system test.

8.1.2.37 One (1) day after completion of a subsystem or system test the responsible Associate Contractor(s) will update all AFTO Series 2 Forms and DD Form 829-1, required by WDT Exhibit 57-16, pertinent to the subsystem or system tested.

8.1.2.38 Three (3) days after completion of a subsystem or system test, the responsible Associate Contractor(s) will update the Continuation Sheets, Form SPR-2 (4-61), (Equipment Inventory List), to incorporate current configuration status, shortages, open work items, and scheduled date for corrective action to be accomplished and include the percentage of operational



# MASTER ACTIVITIES PLAN

Site Manufacturing

**MARTIN**  
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life remaining on time sensitive items prior to scheduled replacement in accordance with WDT Exhibit 57-16.

8.1.2.39 Five (5) days after completion of a subsystem or system test, the responsible Associate Contractor(s) will prepare a reproducible master of Form DD-250, in accordance with Air Force Regulation 70-14, Supl. No. 1, for conditional acceptance of the equipment pertinent to the subsystem or system tested, installation, and checkout services. The conditional Form DD-250 will provide accountability for all Continuation Sheets, Form SPR-2 (4-61), pertinent to the subsystem or system tested. All Continuation Sheets will be updated to incorporate current configuration status, shortages, open work items and scheduled dates for corrective action to be accomplished. The Continuation Sheets will include the percentage of operational life remaining on time sensitive items prior to scheduled replacement in accordance with WDT Exhibit 57-16. All Continuation Sheets will be attached to, and become a part of, the conditional Form DD-250.

8.1.2.40 Five (5) days after completion of a subsystem or system test Air Force Quality Control (AFQC) will inventory all pertinent equipment to assure that equipment is sealed in accordance with the "Closure and Sealing" plan prepared by AFQC. AFQC will notify The Martin Company Configuration Conformance Committee, in writing, that all equipment pertinent to the subsystem or system is sealed in accordance with the AFQC "Closure and Sealing" plan.

8.1.2.41 Seven (7) days after completion of a subsystem or system test the responsible Associate Contractor(s) will make available all AFTO Series 2 and DD-829-1 forms, required by WDT Exhibit 57-17, pertinent to the subsystem or system tested, to Air Force Quality Control (AFQC) for review and verification.





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ACTIVITIES  
PLAN

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8.1.2.42 Seven (7) days after completion of a subsystem or system test the responsible Associate Contractor(s) will present a reproducible master of form DD-250, prepared in accordance with Air Force Regulation 70-14, Supl. No. 1, for conditional acceptance of the equipment pertinent to the subsystem or system tested, and all applicable Continuation Sheets, form SPR-2 (4-61), to Air Force Quality Control (AFQC) for signature.



# MASTER ACTIVITIES PLAN

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## 8.2 WEAPON SYSTEM ACCEPTANCE

### 8.2.1 GENERAL

The Weapon System Acceptance includes the following major areas, Activation Exercise, Verification of Technical Manuals, Acceptance of Component/System (Property Accountability) and Turnover. SATAF acceptance of the complex/ area of the squadron site is based upon the following criteria.

1. Demonstration by TMC, as Integrating Contractor, of the satisfactory function of the Weapon System and increments thereof and the suitability of the system or increment for operational use.
2. An inventory of the equipment in custody of TMC and A/C which is being turned over to SATAF and reconciliation of this equipment with the contractual requirements and SAC Unit Authorization List (UAL).
3. Acceptance of completion of contractual services and hardware not previously turned over to SATAF.
4. Turnover, including supporting documentation, of all equipment and systems, or increment thereof, to SATAF.

#### 8.2.1.1 ACTIVATION EXERCISE

Prior to the start of Weapon System Demonstrations of the Activation Exercise the complete file of the installation statements of conformance of the sub-systems and the DD-250 Forms (approved on a contingency basis) are submitted to the TAT chairman for review. This documentation becomes part of the historical records turned over to SATAF. All of the superseding documentation required for turn-over, listed below, is collated.

1. AFTO-2 Missile Weapon System Status Record
2. AFTO-2A Status and Operational Record
3. AFTO-2B Component Replacement Record
4. AFTO-2D Outstanding/Delayed Maintenance Record
5. AFTO-2E Component Historical Record
6. DD-250 Materiel Inspection and Receiving Report (Equipment and Sub-Systems)



# MASTER ACTIVITIES PLAN

Site Manufacturing  
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## 8.2.1.1 ACTIVATION EXERCISE (Cont'd)

7. DD-1149 Requisition and Invoice Shipping Document
8. DD 829-1 Historical Record - Technical Instruction Compliance Record
9. Statement of Conformance
10. AFQC Certificates of Inspection
11. Inventory Sheets

The Complex Activation Exercises that will be conducted are described in Section 5 of this plan.

The MAMS activation demonstrations are described in Section 6 of this plan.

## 8.2.2 SEQUENCE OF EVENTS FOR DEMONSTRATION, ACCEPTANCE AND TURNOVER

GENERAL The "Sequence of Events", for demonstration, acceptance, and turnover, contains the minimum action requirements, for Associate Contractors and Military Agencies, from the initiation of a demonstration, through demonstration preparation, demonstration, and to Government acceptance of the demonstration services, and subsequent turnover of the facilities to the Government.

The actions, required by the "Sequence of Events", assure adequate preparation for demonstration, reconciliation of problem areas on a schedule that is compatible with the master activation schedule, and establishment of an equipment and facility posture that is acceptable to the Martin Company for the performance of a demonstration.

A Sequence of Events Checklist will be utilized to assure that the following actions are performed at the prescribed times.

8.2.2.1 Forty-five (45) days prior to the anticipated demonstration of the increment The Martin Company will inventory the demonstration requirements and verify the capability to perform the demonstration.



# MASTER ACTIVITIES PLAN

Site Manufacturing

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8.2.2.2 Thirty-five (35) days prior to the demonstration of an increment, the responsible Associate Contractor(s) will compile a Calibration Requirements List for all applicable systems to be demonstrated. Items requiring re-calibration within the next thirty (30) days will be identified, scheduled for, and calibrated no later than seven (7) days prior to the scheduled demonstration date.

8.2.2.3 Thirty-five (35) days prior to demonstration of an increment the responsible Associate Contractor(s) will compile configuration status, shortages, open work items, and scheduled dates for corrective action to be accomplished and compute the percentage of operational life remaining on time sensitive items prior to replacement in accordance with WDT Exhibit 57-16 for all equipment pertinent to the increment to be demonstrated.

8.2.2.4 Thirty-five (35) days prior to the demonstration of an increment The Martin Company will notify the responsible Associate Contractor(s) and SATAF of the impending demonstration of the increment.

8.2.2.5 Thirty (30) days prior to the demonstration of an increment, The Martin Company will advise the SATAF Commander, in writing, of the impending demonstration. Eight (8) copies of this notification will be submitted to the SATAF Commander. The notification will describe the Weapon System increment to be demonstrated, and list the procedure, or procedures, which will be used to perform the demonstration.

8.2.2.6 Thirty (30) days prior to the demonstration of an increment, the SATAF Commander will appoint a Technical Approval Team (TAT) and advise The Martin Company, in writing, of the identity of the appointees.

8.2.2.7 Thirty (30) days prior to demonstration of an increment the responsible Associate Contractor(s) will prepare a separate inventory sheet types on a reproducible multility pre-printed master (Continuation Sheet, Form SPR-2(4-61) for all serviceable items of Contractor Furnished



# MASTER ACTIVITIES PLAN

Site Manufacturing  
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## 8.2.2.7 (Cont'd)

Equipment (CFE) and Government Furnished Equipment (GFE) in his custody pertinent to the increment to be demonstrated. The listing will include, but not be limited to, the Figure "A" number, applicable model number, part number, federal stock number, nomenclature, serial number, quantity, and applicable data to include availability of applicable historical data, percentage of operational life remaining on time sensitive items prior to scheduled replacement in accordance with WDT Exhibit 57-16. The configuration status, open work items, and all known shortages will be noted showing scheduled dates for corrective action to be accomplished.

8.2.2.8 Thirty (30) days prior to the demonstration of an increment, the responsible Associate Contractor(s) will make available all applicable Calibration Requirements Lists for Air Force Quality Control (AFQC) review.

8.2.2.9 Twenty-five (25) days prior to demonstration of an increment the responsible Associate Contractor(s) will present to the AMA Detachment, a separate inventory sheet (Continuation Sheet, Form SPR-2(4-61) for all serviceable items of Contractor Furnished Equipment (CFE) and Government Furnished Equipment (GFE) in his custody pertinent to the increment to be demonstrated. The listing will include, but not be limited to, the Figure "A" number, applicable model number, part number, federal stock number, nomenclature, serial number, quantity and applicable data to include availability of applicable historical data, percentage of operational life remaining on time sensitive items prior to scheduled replacement in accordance with WDT Exhibit 57-16. The configuration status and all known shortages and open work items will be noted showing scheduled dates for corrective action to be accomplished.

8.2.2.10 Twenty-five (25) days prior to demonstration of an increment the AMA Detachment will form inventory teams composed of representatives of the responsible Associate Contractor(s), SAC, the AMA Detachment and Air Force Quality Control (AFQC) and prepare schedules to inventory equipment.



# MASTER ACTIVITIES PLAN

Site Manufacturing

**MARTIN**  
DENVER

8.2.2.11 Twenty-five (25) days prior to demonstration of an increment, the AMA Detachment will, in coordination with SAC, reconcile the inventory lists against the current Squadron Unit Authorization List (UAL) in order to identify any differences between the equipment SAC is authorized to have and the equipment the Associate Contractor(s) are delivering and/or relinquishing custodial responsibility for, as required by contract. The AMA Detachment will deliver copies of the inventory sheets to Air Force Quality Control (AFQC), who will check the lists of equipment against Associate Contractor(s) exhibits to insure that the equipment being offered for acceptance and/or return to the custody of the Government includes all items required by the contract. Differences between the equipment on hand and that called for under the UAL or contract will be cleared with the Configuration Control Board (CCB) and, where appropriate, a change to the contract or UAL obtained from the Command concerned to permit acceptance of items on hand.

8.2.2.12 Twenty-four (24) days prior to demonstration of an increment the AMA Detachment will return a copy of the equipment inventory list, with noted exceptions, to the responsible Associate Contractor(s).

8.2.2.13 Twenty-four (24) days prior to demonstration of an increment the responsible Associate Contractor(s) will review the equipment inventory list and the AMA Detachment noted exceptions and reconcile the differences between the equipment on hand and that called for under the contract or current Squadron Unit Authorization List (UAL) with the Configuration Control Board (CCB) and, where applicable, will request a contract change or a change to the UAL from the Command concerned.

8.2.2.14 Twenty-four (24) days prior to demonstration of an increment the Administrative Contracting Officer will forward the responsible Associate Contractor's request for waiver to the AFBMD Detachment for technical evaluation and written recommendations relative to approval or disapproval.



# MASTER ACTIVITIES PLAN

Site Manufacturing  
**MARTIN**  
DENVER

8.2.2.15 Twenty-three (23) days prior to demonstration of an increment the AFBMD Detachment will recommend, to the Administrative Contracting Officer, approval or disapproval of the responsible Associate Contractor's request for waiver of equipment deficiencies.

8.2.2.16 Twenty-three (23) days prior to demonstration of an increment the Administrative Contracting Officer will forward approved waivers to BMC Contracting Officer for issuance of Contract Change Notifications (CCN's) which includes identification of deficiencies being waived.

8.2.2.17 Twenty-two (22) days prior to demonstration of an increment the Procurement Contracting Officer will issue a Contract Change Notification by priority message listing CCN number(s) covering equipment deficiencies, as approved by AFBMD Detachment, to the responsible Associate Contractor(s) Contracts Chief.

8.2.2.18 Twenty-one (21) days prior to demonstration of an increment the responsible Associate Contractor(s) will update the equipment inventory list (reproducible multility pre-printed masters of Continuation Sheets, Form SPR-2(4-61) pertinent to the increment to be demonstrated to incorporate Contract Change Notifications and/or Unit Authorization List revisions as applicable and forward to the AMA Detachment.

8.2.2.19 Twenty (20) days prior to demonstration of an increment the responsible Associate Contractor(s) will inventory all equipment pertinent to the increment to be demonstrated. This task will be a joint accomplishment by the AMA Detachment, SAC, Air Force Quality Control, and the responsible Associate Contractor(s). The configuration status, shortages, and open work items will be noted on each item of the increment showing scheduled date for corrective action to be accomplished. The percentage of operational life remaining on time sensitive items prior to scheduled replacement in accordance with WDT Exhibit 57-16 will be computed.



## MASTER ACTIVITIES PLAN

Site Manufacturing

**MARTIN**  
DENVER

8.2.2.20 Fifteen (15) days prior to demonstration of an increment the responsible Associate Contractor(s) will update the equipment inventory list (reproducible multilith pre-printed masters of Continuation Sheets, Form SPR-2(4-61) applicable to the increment to be demonstrated to incorporate current configuration status, shortages, open work items and scheduled dates for corrective action to be accomplished and include the percentage of operational life remaining on time sensitive items prior to replacement in accordance with WDT Exhibit 57-16.

8.2.2.21 Fifteen (15) days prior to the demonstration of an increment The Martin Company will plan a briefing to describe the objectives of the demonstration. This briefing will make available to SATAF:

- a. A description of the Weapon System Increment to be demonstrated.
- b. The contractual obligations of the demonstration.
- c. The demonstration objectives.
- d. Any deviations from the contractual demonstration objectives.
- e. The method of demonstration.
- f. The Technical Orders and/or procedures to be utilized.

The Martin Company will coordinate this plan with Associate Contractor(s) to assign the areas of responsibility and define open items to be resolved.

8.2.2.22 Fourteen (14) days prior to a demonstration of an increment, The Martin Company will accumulate a configuration status of end items that have had their configuration affected succeeding Air Force Quality Control (AFQC) inspection and acceptance of the pertinent equipment, on a "Conditional DD-250".

8.2.2.23 Fourteen (14) days prior to the demonstration of an increment, the responsible Associate Contractor(s) will inventory all AFQC Series 2 and DD 829-1 forms, required by WDT Exhibit 57-16, pertinent to the increment to be demonstrated.





## MASTER ACTIVITIES PLAN

Site Manufacturing

**MARTIN**  
DENVER

8.2.2.24 Fourteen (14) days prior to the demonstration of an increment, the responsible Associate Contractor(s) will prepare an updated Calibration Requirements List for applicable systems within the increment to be demonstrated.

8.2.2.25 Fourteen (14) days prior to the demonstration of an increment, the responsible Associate Contractor(s) will compile a list, identifying all serialized components that have been affected by removal and/or replacement, succeeding Air Force Quality Control (AFQC) acceptance as substantiated by a "Conditional DD-250."

8.2.2.26 Fourteen (14) days prior to the demonstration of an increment, the responsible Associate Contractor(s) will compile a list, applicable to the increment, containing all incomplete items of work and including:

- a. Shortages.
- b. Open Quality Control discrepancies.
- c. Modifications not accomplished.
- d. Time Compliance Technical Orders (TCTO's) that have not been accomplished.
- e. Outstanding Facility Change Requests (FCR's) and Engineering Change Proposals (ECP's).
- f. Unauthorized deviations or variations.

The responsible Associate Contractor(s) will include in this list:

- g. Reasons why these items have not been resolved, corrected or completed.
- h. An explanation of their effect on the demonstration of the increment.
- i. A scheduled date for completion of these items.

8.2.2.27 Fourteen (14) days prior to the demonstration of an increment, the responsible Associate Contractor(s) will accumulate all discrepancy lists initiated subsequent to Air Force Quality Control (AFQC) acceptance of the sub-system or system installation and checkout on a "Conditional DD-250", and applicable to the increment to be demonstrated, showing corrective action accomplished.



## MASTER ACTIVITIES PLAN

Site Manufacturing  
**MARTIN**  
DENVER

8.2.2.28 Fourteen (14) days prior to the demonstration of an increment, the responsible Associate Contractor(s) will compile a list referencing the location and serial number of each Material Review Action subsequent to Air Force Quality Control (AFQC) acceptance of sub-system or system installation and checkout on "Conditional DD-250's" and applicable to the increment to be demonstrated.

8.2.2.29 Fourteen (14) days prior to the demonstration of an increment, the responsible Associate Contractor(s) will prepare documentary evidence that mandatory Engineering Change Proposals (ECP's) and Time Compliance Technical Orders (TCTO's) have been completed succeeding Air Force Quality Control (AFQC) acceptance of the pertinent equipment on a "Conditional DD-250".

8.2.2.30 Fourteen (14) days prior to the demonstration of an increment, The Martin Company will compile a list of all FCR's initiated locally, and subsequent to the acceptance, by The Martin Company, of custodial responsibilities for RP/RPIE. This list will reflect the status of the FCR's as complete or incomplete

8.2.2.31 Fourteen (14) days prior to the demonstration of an increment, the responsible Associate Contractor(s) will compile documentation authorizing material shortages, open work items, waivers or contractual deviations.

8.2.2.32 Eleven (11) days prior to the demonstration of an increment, The Martin Company will collect necessary copies of all pertinent Technical Orders (T.O.'s) to be used during the demonstration. Responsible Associate Contractor(s) will provide The Martin Company with copies of all T.O.'s pertinent to the demonstration, as requested by The Martin Company.

8.2.2.33 Ten (10) days prior to the demonstration, The Martin Company will schedule a briefing, with SATAF, to take place five (5) days prior to the demonstration.



# MASTER ACTIVITIES PLAN

Site Manufacturing

**MARTIN**  
DENVER

8.2.2.34 Nine (9) days prior to the demonstration of an increment, the responsible Associate Contractor(s) will make available to Air Force Quality Control (AFQC) for review and verification, the following documentation, applicable to the increment to be demonstrated:

- a. A Configuration status on end items that have had their configuration affected succeeding Air Force acceptance of the pertinent equipment on a DD-250.
- b. All Operations and Maintenance Records, including all AFTO Series 2 and DD 829-1 forms issued and/or updated subsequent to the acceptance of sub-system or system installation and checkout by AFQC on a "Conditional DD-250".
- c. All applicable Calibration Requirements Lists, showing calibration status of all equipment, issued and/or updated subsequent to the acceptance of the sub-system or system installation and checkout, by AFQC on a "Conditional DD-250."
- d. Records which identify by serial number and part number, components of the systems, (not below chassis level.)
- e. A general recap sheet listing all open items of work including:
  1. Shortages.
  2. All open Quality Control discrepancies.
  3. Time Compliance Technical Orders not accomplished.
  4. Modifications not accomplished.
  5. Outstanding Facility Change Requests and Engineering Change Proposals.
  6. Unauthorized deviations or variations.Also to be included:
  7. Reasons why these items have not been resolved, corrected, or completed.
  8. Possible affect on the particular increment during demonstration.
  9. The scheduled date for completion of these items.



MASTER  
ACTIVITIES  
PLAN

Site Manufacturing  
**MARTIN**  
DENVER

8.2.2.34 (Cont'd)

- f. A complete index of all discrepancy lists showing **corrective action** and issued subsequent to the acceptance of sub-system or system installation and checkout by AFQC on a "Conditional DD-250".
- g. A complete list of all Material Review Action records issued subsequent to the acceptance of sub-system or system installation and checkout by AFQC on a "Conditional DD-250".
- h. Documentary evidence substantiating the inclusion of **mandatory Engineering Change Proposals** and **Time Compliance Technical Orders** into the end item subsequent to the acceptance of sub-system or system installation and checkout by AFQC on a "Conditional DD-250".
- i. A list of Facility Change Requests initiated locally, and documentation verifying inclusion into RP/RPIE subsequent to the acceptance, by The Martin Company, of custodial responsibilities for RP/RPIE.
- j. Documentation substantiating authorized waivers, shortages, or other contractual deviations.

8.2.2.35 Eight (8) days prior to the demonstration of an increment, The Martin Company will make available copies of all Technical Orders pertinent to the increment to the AMA Detachment for review of compatibility with the configuration. The AMA Detachment will:

- a. Notify The Martin Company by letter that the Technical Orders are compatible to the configuration of the increment, or,
- b. That the Technical Orders are not compatible to the configuration of the increment.

In the case of Reference Paragraph b, above, the AMA Detachment will list the reason(s) for incompatibility.

8.2.2.36 Seven (7) days prior to demonstration, the AMA Detachment will, with the SAC Maintenance Officer, verify the availability of Technical Orders and review to determine if all applicable equipment is included.



# MASTER ACTIVITIES PLAN

Site Manufacturing

**MARTIN**  
DENVER

8.2.2.37 Six (6) days prior to the demonstration of an increment Air Force Quality Control (AFQC) will verify the following documentation, applicable to the increment, and previously made available by the Associate Contractor(s).

- a. A configuration status on end items that have had their configuration affected succeeding Air Force acceptance of the pertinent equipment on a DD-250.
- b. All Operations and Maintenance Records, including all AFTO Series 2 and DD 829-1 forms issued and/or updated subsequent to the acceptance of sub-system or system installation and checkout by AFQC on a "Conditional DD-250."
- c. All applicable Calibration Requirements Lists, showing calibration status of all equipment, issued and/or updated subsequent to the acceptance of the sub-system or system installation and checkout, by AFQC on a "Conditional DD-250."
- d. Records which identify by serial number and part number, components of the increment, (not below chassis level.)
- e. A general recap sheet listing all open items of work including:
  1. Shortages.
  2. All open Quality Control discrepancies.
  3. Time Compliance Technical Orders not accomplished.
  4. Modifications not accomplished.
  5. Outstanding Facility Change Requests and Engineering Change Proposals.
  6. Unauthorized deviations or variations.

Also to be included:

7. Reasons why these items have not been resolved, corrected, or completed.
8. Possible effect on the particular increment during demonstration.
9. The scheduled date of completion of these items.



MASTER  
ACTIVITIES  
PLAN

Site Manufacturing

**MARTIN**  
DENVER

- f. A complete index of all discrepancy lists showing corrective action and issued subsequent to the acceptance of sub-system or system installation and checkout by AFQC on a "Conditional DD-250".
- g. A complete list of all Material Review Action records issued subsequent to the acceptance of sub-system or system installation and checkout by AFQC on a "Conditional DD-250".
- h. Documentary evidence substantiating the inclusion of mandatory ECP's and TCTO's into the end item subsequent to the acceptance of sub-system or system installation and checkout by Air Force Quality Control on a "Conditional DD-250".
- i. A list of locally submitted FCR's and documentation verifying inclusion in the increment subsequent to the sub-system or system installation and checkout by Air Force Quality Control, on a "Conditional DD-250".
- j. Documentation substantiating authorized waivers, shortages, or other contractual deviations.

8.2.2.37.1 Following verification of the foregoing documentation, Air Force Quality Control will inform SATAF, TAT, The Martin Company, and the responsible Associate Contractor(s), by letter, that:

- a. Records and documentation are acceptable and the increment is acceptable to demonstrate, or,
- b. Records and documentation are not acceptable, and therefore the increment is not acceptable for demonstration.
  - 1. In the case of Reference b, above, AFQC will state the reason(s) that records, documentation and increment are not acceptable for demonstration.

8.2.2.38 Six (6) days prior to the demonstration of an increment, The Martin Company will assist the Technical Approval Team (TAT) in reviewing the existing configuration of the increment. Suitability of the increment for demonstration will be determined, and if acceptable, the demonstration will be scheduled.



## MASTER ACTIVITIES PLAN

Site Manufacturing

**MARTIN**  
DENVER

8.2.2.39 Five (5) days prior to the demonstration of an increment, The Martin Company will brief the Technical Approval Team (TAT) and observers invited by SATAF on the increment to be demonstrated, the demonstration method and any contractual deviations or incompleting tasks that will exist.

8.2.2.40 Three (3) days prior to the demonstration of an increment, The Martin Company will re-confirm the demonstration schedule with SATAF and supporting Associate Contractors.

8.2.2.41 One (1) day prior to the demonstration of an increment (not less than 24 hours), The Martin Company will confirm readiness for demonstration to the Technical Approval Team (TAT) and SATAF, in writing.

8.2.2.42 The Martin Company will direct the demonstration. The demonstration will be conducted in accordance with approved procedures as specified by contract. It will be witnessed by the Technical Approval Team (TAT) in a manner prescribed by the TAT.

8.2.2.43 One (1) day after completion of the demonstration of an increment, The Martin Company will furnish the Technical Approval Team (TAT) with an evaluation report on the demonstration indicating the objectives met, incompleting tasks, deviations, outstanding Engineering Change Proposals (ECP's), Drawing Change Notices (DCN's). Associate Contractors will assist in the preparation of the report as requested by The Martin Company.

8.2.2.44 One (1) day after completion of the demonstration of an increment, the responsible Associate Contractor(s) together with the Technical Approval Team (TAT), will review all discrepancies noted on Requests for Alteration (RFA's) AMC Form 68) during demonstration, and establish the responsibility for, and the scheduled completion date of, any necessary action.