

C/4/M 1-14-58 (16)

SECURITY CLASSIFICATION (U)

# DISPOSITION FORM

FILE NO.

SUBJECT

WEEKLY DIARY - 2 thru 9 January 1958

TO

MCPT

FROM

MCPTA

DATE

9 January 1958

COMMENT NO. 1

WS 117L Program - Lockheed Aircraft Corporation - L/C AF 04(647)-97

1. Definitization of Letter Contract: (UNCL)

The definitized contract was submitted to MCPC for preliminary review. This preliminary review was completed and the contract approved. The document has been sent to the contractor for signature.

2. Unusually Hazardous Risks Clause: (UNCL)

The contractor has submitted a request for inclusion within the subject contract of a special provision pertaining to unusually hazardous risks, and a clause providing indemnification to the contractor in the event of claims arising from such risk. This clause is being studied prior to any contractual action.

S 3. Augmented-Acceleration Plan (SECRET)

IMSD made a formal presentation of an augmented-acceleration plan to the WS 117L Project Office on 6 January 1958. This plan reflected the possibility of accelerating WS 117L orbital launchings by approximately six months and the possible use of Thor missiles as boosters. The details of this new development plan are presently under review by the BMD groups to determine the overall fund and facility requirements necessary to support the new proposed acceleration. The WS 117L Project Office proposes to submit recommendations and basic requirements to General Schriever on 15 January in the form of a management report.

JAMES S. SEAY  
Lt Colonel, USAF  
Chief, WS 117L Branch  
Deputy Director/Ballistic Missiles  
Directorate/Procurement & Production

DOWNGRADED AT 12 YEAR  
INTERVALS, NO  
DECLASSIFIED

58MCP 117 copy #1

# DISPOSITION FORM

SECUR CLASSIF TON (if any)

FILE NO.

SUBJECT

WEEKLY DIARY - 24 thru 30 January 1958

TO

MCPT

FROM

MCPTA

DATE 30 Jan 58 COMMENT NO. 1

## WS 117L Program

✓ Lockheed Aircraft Corporation - Contract AF 04(647)-97 (UNCL)

✓ This contract for the 117L System is now fully definitized and distribution has been made.

Lockheed Aircraft Corporation - L/C AF 04(647)-181 (UNCL)

✓ A letter contract has been issued to Lockheed to effect the acceleration and augmentation of the WS 117L Program. This letter contract is effective as of 27 January 1958.

<sup>3157L</sup>  
WS 117L/WS 107A-1 Thor Test Program: (SECRET)

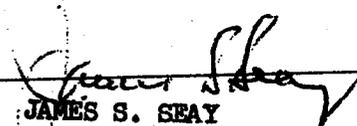
✓ The first technical conference on the WS 117L/WS <sup>3157L</sup>107A-1 Thor combination was held at Douglas on 27 January 1958. The purpose of this meeting was to generally discuss the two program schedules and determine what major problems must be immediately acted upon to meet the accelerated WS 117L Thor launching in October 1958.

A joint BMD/BMO/Lockheed/Douglas meeting is tentatively scheduled on 4 February 1958 to detail the tasks and responsibilities into a Memorandum of Understanding. This will serve as a basis for establishing a joint working agreement between Lockheed and Douglas.

Delivery of Bailed Equipment: (SECRET)

Certain items of bailed equipment required to ensure proper siting of ground stations in Hawaii and at Cooke AFB have been delivered to Philco Corporation (a subcontractor), Redwood City, California.

1 Incl  
Additional Item for Diary

  
JAMES S. SEAY  
Lt Colonel, USAF  
Chief, WS 117L Branch  
Deputy Director/Ballistic Missiles  
Directorate/Procurement & Production

DOWNGRADED AT 12 YEAR  
INTERVALS. AUTOMATICALLY  
DECLASSIFIED

58MCP-600

Cy # 1

Staffing of the Office of the AFFRO, Sunnyvale, for WS 117L (UNCL)

A meeting was held on 24 January 1958 at IMSD between representatives of this office, the AFFR, Lockheed Aircraft Corporation, and the Assistant AF Plant Representative, IMSD at Sunnyvale to discuss manning requirements for the Assistant AFFR's office. In discussions between the Chief, WS 117L Branch and AFFR, IAC, it was agreed to furnish the Assistant AF Plant Representative's office additional authorization in order to accomplish the WS 117L administration function. These additional manpower slots would be used in the area of Quality Control, Contracting and Production.

*Incl*

# DISPOSITION FORM

SECURITY CL.

ICM (if any)

FILE NO.

SUBJECT

WEEKLY DIARY - 14 thru 20 February 1958

TO

MCPT

FROM

MCPTA

DATE

20 Feb 58

COMMENT NO. 1

## WS 117L Program

### Boosters for WS 117L

#### Thor Booster: (SECRET)

Conferences have been held jointly with the contractors and the Weapon System Project Offices concerned. As a result of these conferences, a time table has been worked out for actions by all of the parties to this program. A team is visiting AFMTC to make a presentation of the requirements for WS 117L testing and operations, using the Thor booster. As a result of this visit, AFMTC will be briefed on their portion of the program. A letter contract is being issued by the WS 315A Project Office to Douglas to commence the preliminary studies concerned with the interface problem. This contract will be awarded within 10 days.

#### Atlas Booster: (SECRET)

A work statement is being drafted for interface design, and a PR is being forwarded with this work statement to the WS 107A-1 Project Office for issuance of a letter contract to provide for this work with Convair. It is anticipated that this letter contract will be issued approximately 28 February.

### Definitization of Letter Contract AF 04(647)-181: (UNCL)

This is a letter contract which provides for acceleration and augmentation of the WS 117L Program. It is believed possible to definitize this letter contract within a relatively short period of time. Toward this end, Lockheed has submitted a draft of their approach to a definitive work statement. In addition, the accelerated program outline has been forwarded to various ARDC Centers for their inputs to a definitive work statement. Current planning provides for a fully coordinated definitive work statement by 1 April, with complete contract definitization by 1 June 1958.

### Definitization of Major Subcontracts under the Lockheed Prime Contract AF 04(647)-97: (UNCL)

The program includes three major subcontracts. These subcontractors have been working on a letter contract basis. However, since Contract AF 04(647)-97 was definitized in January 1958, Lockheed has been actively working to definitize the subcontracts. This office is especially interested in the above-mentioned three major subcontracts, e.g., Bell Aircraft Corporation, Philco

58MCP-1060

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Corporation and Eastman Kodak. The proposed definitization of subcontracts for Bell and Eastman have been reviewed by this branch and approval recommended to the ACO. The Philco subcontract is in process of review at this time, and approval is anticipated from this branch within the next five days.

*James S. Seay*  
JAMES S. SEAY  
Lt Colonel, USAF  
Chief, WS 117L Branch  
Deputy Director/Ballistic Missiles  
Directorate/Procurement & Production

# DISPOSITION FORM

SECURITY REF. ON (If any)

FILE NO.

SUBJECT

WEEKLY DIARY - 28 February thru 6 March 1958

TO

MCPT

FROM

MCPTA

DATE

6 March 58

COMMENT NO. 1

WS 117L Program

WS 117L Priority

Revision to Master Urgency List: ~~(SECRET)~~

This branch has received a copy of AFL 70-5E, dated 28 January 1958. This document revises the Master Urgency List to include WS 117L in the programs of highest national priority. Pursuant to this, the prime contractor and subcontractors have been notified of the revised priority rating.

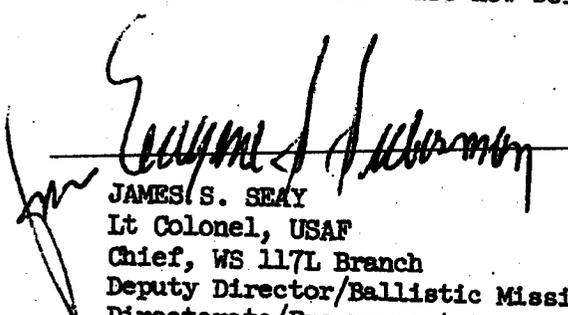
Administrative Security Priorities: (UNCL)

In connection with the revised priority, security people at Hq AMC, MCI have notified the Provost Marshals, AMC Air Materiel Areas; Army and Navy Security Cognizance Agencies; and BMD of steps that are being taken to provide administrative priorities for clearance of plants and individuals concerned with the WS 117L program. Action has been taken by BMD to revise AMCR 205-2/ARDCR 205-11 to reflect this streamlined procedure.

Unusually Hazardous Risks Clause: (UNCL)

The contractor submitted a request for protection against unusually hazardous risks incident to testing and flight of the WS 117L. The requested clause was expressed in very broad and all-inclusive terms. This clause was discussed by telephone with MCJC and it was agreed that the clause should be submitted for approval with minor variations, and at that time it would be reviewed and comments made by MCPC. This was done, and the comments of MCPC have been received. Some changes were suggested and these are now being negotiated with the contractor.

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DOWNGRADED AT 12 YEAR  
INTERVALS. NOT AUTOMATICALLY  
DECLASSIFIED. DOD DIR 5200.10

  
JAMES S. SEAY  
Lt Colonel, USAF  
Chief, WS 117L Branch  
Deputy Director/Ballistic Missiles  
Directorate/Procurement & Production

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# DISPOSITION FORM

SECURITY CLASSIFICATION ~~SECRET~~ ~~CONFIDENTIAL~~

FILE NO.

SUBJECT

WEEKLY DIARY - 7 thru 13 March 1958

TO

MCPT

FROM

MCPTA

DATE

13 Mar 58

COMMENT NO. 1

## WS 117L Program

### Program Reorientation: ~~(SECRET)~~

a. The recently accelerated and augmented WS 117L program included a requirement for a recoverable reconnaissance package, utilizing a camera. It was contemplated that GE would develop the capsule, and that Fairchild would provide the camera. A recent TWX signed by WDG requested that this portion of the program be discontinued, and requested that a plan be submitted for the use of a recoverable capsule with Aero-Medical concepts.

b. Pursuant to this reorientation, it is determined that all flights utilizing a Thor booster will be conducted from Cooke AFB commencing in November 1958.

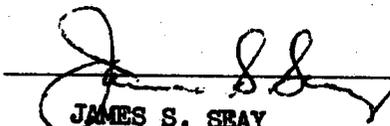
### Industrial Facilities: (UNCL)

The original program was based on the principle that all industrial facilities would be provided by the contractor. However, as a consequence of the acceleration of the program, the contractor has stated that the facilities requirements are increased to a magnitude which would make it impossible for him to entirely facilitate the program. Pursuant to this, the contractor has submitted a proposal requesting that the Air Force furnish both severable and nonseverable facilities. A conference was held on this subject between the contractor and appropriate elements of HMO for purposes of defining the requirement and estimating fund requirements for FY 59. From data obtained at this meeting, an annex has been drafted for the WS 117L Development Plan, and an approximation of the fund requirements has been made.

### Engineering Changes on Contract AF 04(647)-97: (UNCL)

Certain engineering changes are contemplated, which will affect the work statement to a considerable degree. The contractor has submitted a proposal which is being analyzed. Negotiation is anticipated approximately 1 April 1958.

~~CONFIDENTIAL~~

  
JAMES S. GRAY  
Lt Colonel, USAF  
Chief, WS 117L Branch  
Deputy Director/Ballistic Missiles  
Directorate/Procurement & Production *cyff*

DOWNGRADED AT 12 YEAR  
INTERVALS, NOT AUTOMATICALLY

DECLASSIFIED BY: DDP/DIR 5200

DD FORM 1 FEB 50 96

REPLACES HMC FORM 88, 1 OCT 48

16-54801-3

U. S. GOVERNMENT PRINTING OFFICE: 1957 O - 28875

# DISPOSITION FORM

SECURITY ~~SECRET~~ ON (if any)

FILE NO.

SUBJECT

WEEKLY DIARY - 14 thru 20 March 1958

TO

MCPT

FROM

MCPTA

DATE

20 March 58

COMMENT NO. 1

## WS 117L Program

### Definitization of Letter Contract AF 04(647)-181: (UNCL)

This contract, for the acceleration and augmentation of WS 117L, has been scheduled for complete definitization in June 1958. Toward this end, BMD invited representatives from the ARDC Centers to visit this headquarters and assist in the preparation of a work statement. This activity has been progressing satisfactorily throughout this week. It is expected that a draft of the work statement will be available before the conference adjourns on 21 March.

### Reorientation of Letter Contract AF 04(647)-181: (UNCL)

A conference was held at Lockheed to outline the contractual actions required to effect the reorientation of the WS 117L augmented program. The contractor had two proposed subcontractors working in anticipation of receipt of a subcontract at the time notice was given them by WDG that certain of this work would not be required. At this conference, appropriate contractual action was outlined.

### Program Reorientation: ~~(SECRET)~~

An amendment providing for the use of a recoverable capsule with Aero-Medical concepts is being added to Letter Contract AF 04(647)-181. It is anticipated that the amendment will be forwarded to the contractor for signature by 21 March.

### WS 117L Preliminary "Ops" Plan: (UNCL)

A final draft of SAC's preliminary "Ops" plan was received by the WSP0 on 19 March 1958 for final review of amendments incorporated by the SAC-MIKE groups. The review was completed and comments submitted to DPL on 20 March. The Materiel and Maintenance Annexes to the plan were reviewed by MCPTL and comments are being submitted directly under separate correspondence.

### IMSD Van Nuys Facility: (UNCL)

WS 117L EMO personnel visited IMSD's Van Nuys facility on 19 March to review general status of tooling and manufacturing being accomplished by this facility in support of the WS 117L. The master planning for manufacturing

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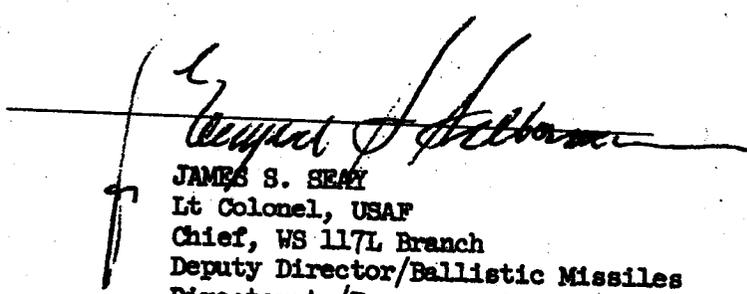
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U. S. GOVERNMENT PRINTING OFFICE: 1949 O - 98875

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presently outlines the nose, mid-body and adapter sections of the basic vehicle plus some related ground handling equipment to be fabricated by the Van Nuys Division. This facility handles both Air Force and Navy missile fabrication to support the Sunnyvale-Palo Alto operations. They presently employ approximately 2100 people and it encompasses approximately 600,000 square feet of floor space. The ratio of effort is 65% Air Force, 35% Navy with forecasts revealing Air Force to increase to 85% by the end of CY 58.

  
JAMES S. SEAY  
Lt Colonel, USAF  
Chief, WS 117L Branch  
Deputy Director/Ballistic Missiles  
Directorate/Procurement & Production

# DISPOSITION FORM

SECURITY SSII ION (U/eng)

FILE NO.

SUBJECT

WEEKLY DIARY - 21 thru 27 March 1958

TO

MCPT

FROM

MCPTA

DATE

27 March 1958

COMMENT NO. 1

WS 117L ProgramFacilities Requirements (UNCL)DOWNGRADED AT 12 YEAR  
INTERVALS; NOT AUTOMATICALLY  
DECLASSIFIED. DDG DIR 5200.10

The subject program does not include any industrial facilities as of this date. However, the contractor submitted a request for certain industrial facilities, including nonseverables. The contractor plans to make a presentation of this requirement to WDG this date.

Review of Subcontracting and Internal Purchasing Procedure: (UNCL)

In view of the fact that this program is based on a weapon system concept, and does not include associate contractors, the importance of the subcontracting and internal purchasing procedure assumes a greater than usual significance. In recognition of this, this Branch is presently conducting a survey of the contractor's procedures to assure that they are adequate to accomplish the desired objectives in a manner consistent with Air Force policies.

UDMH: ~~(CONF)~~

The WS 117L Project Office is contemplating a program of propulsion system improvement in order to achieve a better payload capability. The program under consideration includes a shift in fuel to unsymmetrical dimethylhydrazine (UDMH) and an increase in area ratio. It is anticipated that a program of this kind will provide a 4% increase in specific impulse.

5 ✓ WS 117L R&D Logistic Plan: (UNCL)

WSPO BMD/EMO personnel convened with Lt Colonel Hebner's staff (WDEM) on 24 March to assist in establishing ground rules for an R&D Logistic Plan. WDT 56-1 for the 107A-1 System was used as the basis for format. It is tentatively scheduled that the rough draft will be completed for general review by project and staff functions during the week of 7 April.

Test - GSE: (UNCL)

A new work statement was drafted during the week of 24 March for test ground support equipment required to support the 117L in-plant and off-site test program proposed under Letter Contract AF 04(647)-181. Under this concept, all test GSE and related spares will be a separate item of work on an equal level with all major subsystems. Operational GSE is limited under this contract to

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study and some preliminary development. Continuation and hardware for operational GSE will be considered on the follow-on contract.

Facilities Meeting: (UNCL)

5 A meeting was held at the BMD installation office (WDI) on 26 March. It was attended by representatives from the WS 117L WSPO, Ralph M. Parsons Company, Lockheed Aircraft Corporation and installation personnel. Discussions were held relative to the funding and evaluation of the maintenance and checkout facilities required at Cooke AFB for this program. The original estimate of \$56,000 for rehabilitating certain existing ordnance buildings was now being proposed at \$124,000. It was recommended that possibly a more austere approach to the A&E and construction plans be taken.

*James S. Seay*

JAMES S. SEAY  
Lt Colonel, USAF  
Chief, WS 117L Branch  
Deputy Director/Ballistic Missiles  
Directorate/Procurement & Production

# DISPOSITION FORM

SECURITY CLASSIFI *IN (None)*

FILE NO.

SUBJECT

WEEKLY DIARY - 28 March thru 3 April 1958

TO

MCPT

FROM

MCPTA

DATE

3 April 1958

COMMENT NO. 1

## WS 117L Program

### Contractor's Purchasing System: (UNCL)

DOWNGRADED AT 12 YEAR INTERVALS; NOT AUTOMATICALLY DECLASSIFIED. DOD DIR 5200.10

As a result of a study of the contractor's procedures relative to subcontracting, it was recommended that further utilization should be made of contractor personnel in the area of cost analysis and selection of source. The new procedures will give the contractor purchasing agent greater assistance in these supporting areas.

### Definitization of Letter Contract AF 04(647)-181: (UNCL)

This contract is for the acceleration and augmentation of the 117L program. A draft of the definitive work statement was received from BMD for review. The work statement is being studied by this Branch, and comments have been prepared. A conference will be arranged to discuss the results of the review within the Project Office, and it is anticipated that a request for proposal will be forwarded to the contractor approximately 10 April.

### WS 117L Mockup: (CONF)

The contract requires delivery by Lockheed of a mockup on 31 March. The contractor has submitted this mockup for acceptance by the government, with the request that such acceptance be performed on an "as is" basis. Apparently, certain portions of the mockup have not been completed on time. The contractor's request is presently being examined by the Project Office to the end that a decision can be made to either reject the mockup, in which case it would be delinquent; or accept the mockup "as is".

### Review and Finalization of Quality Control Concept: (UNCL)

Finalization of the quality control concept for Contract AF 04(647)-97 is now in progress. The contractor is in general agreement with MIL-Q-5923C and AMC Regulation 74-5. WSPO personnel are convening with AFQCR Lockheed, Sunnyvale and MCPTR-1 personnel on 4 April 1958 for detailed discussion and system acceptance details. The WSPO will further pursue this subject with all concerned at the contractor's facility during the week of 7 April 1958.

*James S. Seay*  
JAMES S. SEAY

Lt Colonel, USAF

Chief, WS 117L Branch

Deputy Director/Ballistic Missiles Office  
Directorate/Procurement & Production

DD FORM 1 FEB 50 96

REPLACES NAME FORM 96, 1 OCT 1949

16-54201-3

U. S. GOVERNMENT PRINTING OFFICE: 1950 O - 28871

# DISPOSITION FORM

SECURITY CLASSIF ON (If any)

FILE NO.

SUBJECT

WEEKLY DIARY - 4 thru 10 April 1958

TO

MCPT

FROM

MCPTA

DATE

10 April 1958

COMMENT NO. 1

WS 117L Program

## Lockheed Corporate Support of the WS 117L Program: (UNCL)

A recent conference was held between the president of Lockheed Aircraft Corporation and the Commander, BMD. One of the items discussed at this conference was the requirement that Lockheed provide more corporate support, in the form of experienced people, to the WS 117L Program. Pursuant to an agreement arrived at in this conference, Lockheed agreed to transfer a total of 375 people from their California Division and Marietta Division. This agreement has been implemented by Lockheed, and the Lockheed Missile Systems Division has been authorized to select individuals by name from these two divisions. A total of 375 people will be transferred for assignment to the WS 117L and Polaris Programs. At this time there is no proration defined between the two programs, and therefore it is not known how many of these experienced people will be applied to the WS 117L Program. This relocation will include reimbursement under the contract for expenses incurred by the affected personnel.

## Interim Reimbursements to CPTF Contractors - DOD Directive 7800.6: (UNCL)

During a recent discussion with MCPTPR, the applicability of the DOD directive was considered with respect to Contract AF 04(647)-181. It was the opinion that these contracts are exempt from this directive, since they are in the R&D stage. This view has also been accepted, at least temporarily, by MCPHH pursuant to a submittal made by Lockheed directly to Hq AMC. The current Finding and Determination is for R&D, and authorizes procurement of prototypes only. This branch concurs in this interpretation therefore, and intends to reopen this question at the time the follow-on contract is negotiated with Lockheed in June 1959. In the event the contemplated ASPR revision is issued and it indicates that contracts of this type are within the purview of the directive, the matter will be reconsidered.

## ↳ Definitization of Letter Contract AF 04(647)-181: (UNCL)

A definitive work statement has been drafted, and a RFP will be forwarded to the contractor leading to definitization of Letter Contract AF 04(647)-181. A meeting with the contractor was held at this headquarters on 9 April 1958 to discuss the ground rules for submission of their proposal and it is anticipated that this letter contract will be definitized in June 1958.

## ↳ Logistic Support of Lockheed at Cooke AFB: (UNCL)

The contractor has submitted a detailed list of facility requirements in connection with his test program at Cooke AFB. The compressed time

schedule caused by the accelerated program makes it necessary to provide this materiel in a very short time, in order to meet the program schedules. This matter has been referred to MCPTI for assistance in obtaining the necessary equipment. In addition, there are some relatively minor requirements for Military Construction Program work to be done prior to the first flight. This work consists primarily of catch basins for IRFNA. This matter is being handled between WDTSR and WDIR.

  
JAMES S. SEAY  
Lt Colonel, USAF  
Chief, WS 117L Branch  
Deputy Director/Ballistic Missiles  
Directorate/Procurement & Production

# DISPOSITION FORM

SECURITY CLASSIFI ~~TOP SECRET~~

FILE NO.

SUBJECT

WEEKLY DIARY - 11 thru 17 April 1958

TO

MCPT

FROM

MCPTA

DATE

17 April 1958

COMMENT NO. 1

WS 117L Program4 WS 117L Logistic Plan for R & D: (UNCL) *3d. col. Group*DOWNGRADED AT 12 YEAR  
INTERVALS; NOT AUTOMATICALLY  
DECLASSIFIED. DOD DIR 5800.10  
BY SMC

A draft copy of the WS 117L Logistic Plan for R & D was released to the WSPO for preliminary review. The plan appears to be similar in format to the other missile systems and establishes logistic support for the WS 117L in the R & D phase. It prescribes responsibility for the prime contractor in the areas of GSE, related vehicle and GSE spares, transportation, stockage and repair. Communication and associate or subcontractor functions and responsibilities are not included in the proposed draft and are subject to further discussion with BMD technical groups.

Manpower Status: (UNCL)

IMSD manpower status and overtime requirements were reviewed by WSPO personnel during visitation at IMSD during the week of 7 April 1958. The study revealed personnel employment is still lagging by approximately 300 people below their requirements, with overtime forecasted to exceed 25% during the month of April. The contractor implies that the overtime will absorb the major portion of the overload resulting from lack of personnel. The AFPR ACO has directed the contractor to furnish lists of persons by names that are working more than 54 hours per any given week with general reasons and substantiations.

Quality Control Procedures: (UNCL)

IMSD's quality control procedure, as agreed to by the AFPR quality control, was submitted to the WSPO on 14 April 1958 for review. The plan defines quality control procedures, as defined by MIL-Q-5923c supported by the policies prescribed by AMC Regulation 74-5. It is tentatively scheduled that a meeting will be held with BMD technical groups and quality control personnel to finalize details in establishing an Acceptance Team Concept.

S FY 59 Financial Plan: ~~(SECRET)~~

The Financial Plan for FY 59 projected a requirement for \$215.0 million. A TWX was received from AFPGM stating that \$152.0 million had been

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MCPTA, Subj: Weekly Diary - 11 thru 17 April 1958

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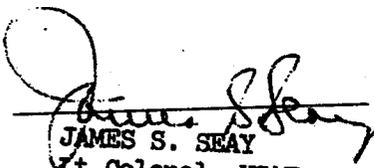
approved for planning purposes, and requested revision of the financial annex to the development plan to conform to this amount. It also requested that we maintain maximum flexibility on the possibility that funding may be approved up to the desired program level with a minimum slippage of program objectives. An exercise was conducted in the WSPO on 8 April to decide on possible stretch-outs to carry on the program within the prescribed limitations. It is proposed to submit this to USAF with a request for reconsideration of the reduced budget.

S Definitization of Letter Contract AF 04(647)-181: ~~(SECRET)~~

A work statement has been prepared which will definitize Letter Contract AF 04(647)-181. This work statement is based on the originally contemplated development plan including \$215.0 million for FY 59. It was decided that a request for proposal should be forwarded to the contractor, notwithstanding the above mentioned budget reduction. This was done in anticipation of (1) obtaining a more favorable funding estimate from Hq USAF and (2) the understanding that boosters would be funded from SM-65, and SM-75 program funds respectively.

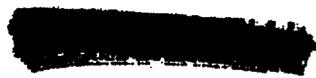
CBS Strike: (UNCL)

The Columbia Broadcasting System is a second-tier subcontractor under Eastman Kodak. Nevertheless the work being performed by this contractor is of considerable importance to the WS 117L program, and the progress of settlement of this strike and its impact are being watched very closely by the WSPO and by MCPTFM.

  
JAMES S. SEAY  
Lt Colonel, USAF  
Chief, WS 117L Branch  
Deputy Director/Ballistic Missiles  
Directorate/Procurement & Production

# DISPOSITION FORM

SECURITY CLASSIF ON (U) (S)



FILE NO.

SUBJECT

WEEKLY DIARY - 18 thru 24 April 1958

TO

MCPT

FROM

MCPTA

DATE

24 April 1958

COMMENT NO. 1

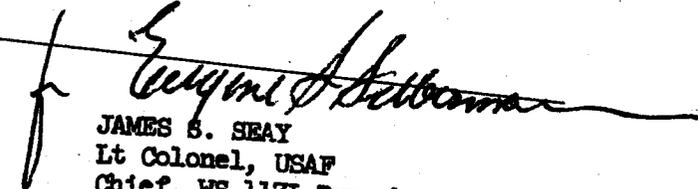
WS 117L Program

GSE for Boosters: (CONF)

It is the current policy that GSE applicable to Atlas boosters for the WS 117L will be funded with WS 107A-1 funds. In order to provide the necessary data to permit budgeting for this item, the WS 117L WSPO must furnish the WS 107A-1 WSPO with a list of the items of GSE required to support the Atlas boosters. To this end, a team consisting of LAC, BMD, BMO and Convair is holding discussions at Convair to formulate a GSE list. It is expected that this list will be completed this week.

Inspection and Acceptance: (CONF)

Discussions have been held with the contractor concerning establishment of the place where inspection and acceptance of the WS 117L vehicles will take place. One viewpoint is that this should be done at the contractor's plant in Palo Alto. There is an opposite viewpoint that this acceptance should take place at the contractor's Santa Cruz test facility after full system checkout, including engine and static test. No firm in-house position has been established on this as yet.

  
JAMES S. SEAY  
Lt Colonel, USAF  
Chief, WS 117L Branch  
Deputy Director/Ballistic Missiles  
Directorate/Procurement & Production

DOWNGRADED AT 12 YEAR  
INTERVALS; NOT AUTOMATICALLY  
DECLASSIFIED. DOD DIR 5200.10



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DD FORM 96  
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REPLACES NME FORM 96, 1 OCT 48, WHICH MAY BE USED

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U. S. GOVERNMENT PRINTING OFFICE: 1950 O - 58875

# DISPOSITION FORM

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FILE NO.

SUBJECT

WEEKLY DIARY - 25 April thru 1 May 1958

TO MCPT

FROM MCPTA

DATE 1 May 1958

COMMENT NO. 1

WS 117L ProgramVisit to Major IMSD Subcontractors:DOWNGRADED AT 12 YEAR  
INTERVALS; NOT AUTOMATICALLY  
UNCLASSIFIED. DOD DIR. 5200.110

A visit was made by members of the WS 117L WSPO and the Administrative Contracting Officer, IMSD, during the week of 20 April 1958 to six major IMSD subcontractors located in the Middletown Air Materiel Area. The purpose of the visit was to review the status of the subcontractors in the area of procurement, production and quality control. All subcontractors were on schedule and a number of contract administration problems were resolved which had resulted from secondary delegation by the primary Administrative Contracting Officer.

Inspection and Acceptance: ~~(CONF)~~

Discussions were held with the contractor concerning inspection procedures and point of acceptance. It was agreed that the contractor would categorize his inspection and testing procedures into component qualification, subassembly, and composite engineering evaluation. At such time as demonstrated quality permits, the contractor will phase from an engineering evaluation type inspection to a production acceptance inspection. A decision concerning particular point at which government acceptance would be effected was not reached due to an undivided position among contractor personnel. The contractor will submit the recommended acceptance point for consideration by the WSPO.

CBS Strike: (UNCL)

The Columbia Broadcasting System, a second-tier subcontractor under Eastman Kodak Company on Subsystem "E", reached a settlement with the union on 22 April 1958. The impact of the strike was reported by CBS to be a 30 day slippage in the scheduled delivery of the engineering evaluation model with follow on deliveries to the original schedule. Eastman Kodak Company has reported the ability to absorb the 30 day slippage without any known delay in delivery of completed systems to Lockheed.

GSE for Boosters: ~~(CONF)~~

Discussions at Convair regarding the Atlas GSE to support the WS 117L program at Cooke AFB were completed. A basic requirement was established and priced for budgetary purposes. The list of GSE was furnished to the WS 107A-1 WSPO with the request that these items plus spares be provisioned concurrently with their present provisioning action. It is intended that joint working agreements will be established between the WS 107A-1 WSPO and this office to assure timely and adequate support.

DD FORM 1 FEB 50 96

REPLACES NME FORM 96, 1 OCT 48, WHICH MAY BE USED

16-54801-3

U. S. GOVERNMENT PRINTING OFFICE: 1948 O - 98875

587MCPT-2450

[REDACTED]

Statement of Work Changes: (UNCL)

Supplemental Agreement No. 3, Contract AF 04(647)-97, forwarded to the contractor for signature, includes a number of engineering changes resulting in a decrease in estimated cost and fee of \$728,619.00

Logistic Requirements: (UNCL)

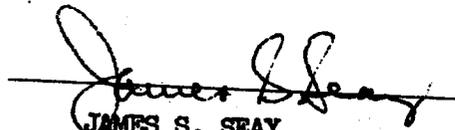
Included in Supplemental Agreement No. 3, Contract AF 04(647)-97, were Exhibit WDT 57-3, "Failure and Consumption Data Reporting System for Ballistic Weapon Systems" and WDT 57-7, "Maintenance Analysis Program for Ballistic Missile Weapon Systems".

Acceleration: (UNCL)

Amendment No. 2, Contract AF 04(647)-181, included a revision in the flight test schedule. This document was returned by the contractor unsigned because of disagreement with the revised Flight Test Schedule. BMD reviewed the suggestions of the contractor and prepared a compromise to the revised Flight Test Schedule to be included in Amendment No. 2. The amendment will be re-forwarded to the contractor for signature.

Definitization of Letter Contract AF 04(647)-181: (UNCL)

Contractor's proposal is scheduled to reach this office by 19 May 1958.



JAMES S. SEAY  
Lt Colonel, USAF  
Chief, WS 117L Branch  
Deputy Director/Ballistic Missiles  
Directorate/Procurement & Production

# DISPOSITION FORM

SECURITY CLASS

ION (U) (S)

FILE NO.

SUBJECT

WEEKLY DIARY - 2 May thru 8 May 1958

TO

MCPT

FROM

MCPTA

DATE

8 May 1958

COMMENT NO. 1

WS 117L Program - Lockheed Aircraft Corporation - Contract AF 04(647)-97

Visit to Lockheed-Van Nuys Facility: (UNCL)

A visit to the IMSD, Van Nuys facility where major vehicle components are being fabricated was made by WS 117L WSPo Production and Ground Support personnel. The visit revealed work to be essentially on schedule. However, all shipments to date have required material review board action which requires close coordination between engineering personnel at IMSD, Palo Alto, California and manufacturing at IMSD, Van Nuys, California. To avoid possible future delay, an attempt is being made by engineering to define weldment standards for X-ray inspection which is the major cause of MRB action.

GFP Processing: (UNCL)

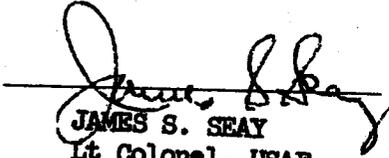
To avoid unnecessary duplication of effort within the WS 117L WSPo in processing GFP requirements and effect positive control, a procedure was drafted and agreed to by BMO and BMD personnel for processing GFP requirements. The Production Section, BMO, will be responsible for processing and coordinating all GFP requirements.

Logistic Support Plan: (UNCL)

The final draft of the Logistic Support Plan for the Advanced Reconnaissance Vehicle Test Program was received for concurrence and comments prior to publication. Also, the Logistic Plan in support of the operational program is being reviewed by this office.

FY 58 Fund Deficiency: (UNCL)

Funds programmed for the subject contract do not meet the fund requirements estimate submitted by the contractor, reflecting a deficiency of approximately \$6.8 million dollars for FY 58. This difference between funding and requirements is caused by additional work added during the year.



JAMES S. SEAY

Lt Colonel, USAF

Chief, WS 117L Branch

Deputy Director/Ballistic Missiles

Directorate/Procurement & Production

# DISPOSITION FORM

SECURITY CLASS

ION (if any)

FILE NO.

SUBJECT

WEEKLY DIARY - 9 thru 15 May 1958

TO

MCPT

FROM

MCPTA

DATE

15 May 1958

COMMENT NO. 1

WS 117L Program - Lockheed Aircraft Corporation - Contract AF 04(647)-97

WS 117L Acceptance Procedure: ~~(CONF)~~

A proposed draft for the acceptance of vehicles was given to BMD personnel for coordination and inclusion therein of performance and associated testing procedures. It is anticipated that a final draft of general acceptance criteria will be forwarded to the contractor within the week.

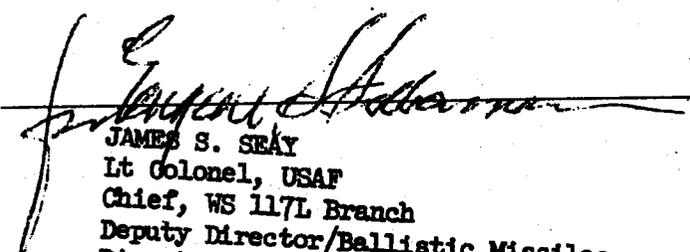
Expedited and/or Airlift Transportation Requirements: (UNCL)

A procedure for processing airlift and expedited transportation requirements was forwarded to Lockheed during the week. This procedure essentially requires the contractor to forecast his requirements six months in advance. Arrangements have been made with the Transportation Division to provide urgent action on a two day basis in those instances which cannot be forecast in advance. A Contractor/AFPR team will be designated to plan and forecast all expedited transportation requirements.

Tracking Stations: ~~(CONF)~~

It was necessary to activate certain tracking stations to be available for the first WS 117L flight. Site selections of the tracking station for the R & D phase have been accomplished. From a contractual viewpoint, a decision must be made with respect to the maintenance and operation of these locations. A decision must be made between the alternatives of (1) weapon system contractor operation (subcontractor or otherwise), (2) separate Air Force contracts for the services of a company to maintain the sites; or, (3) have Air Force crews maintain the sites.

DOWNGRADED AT 12 YEAR  
INTERVALS; NOT AUTOMATICALLY  
DECLASSIFIED DID DIR 5200.10

  
JAMES S. SEAY  
Lt Colonel, USAF  
Chief, WS 117L Branch  
Deputy Director/Ballistic Missiles  
Directorate/Procurement & Production

DD FORM 1 FEB 50 96

REPLACES NME FORM 86, 1 OCT 48, WHICH MAY BE USED

16-54301-3

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U. S. GOVERNMENT PRINTING OFFICE: 1954 O - 588975

# DISPOSITION FORM

SECURITY CLASSIFICATION (U) (S) (TS) (C) (CS) (S) (SS) (TS) (CS)

FILE NO.

SUBJECT

WEEKLY DIARY - 23 thru 29 May 1958

TO

MCPT

FROM

MCPTA

DATE

29 May 1958

COMMENT NO. 1

## WS 117L Program

### Logistic Management: (UNCL)

Sacramento AMA Supply, Maintenance, Transportation and Planning groups assigned to the 117L program convened at this facility on 28 May 1958 with the BMO staff and project members. Colonel A. A. Shumsky officiated the general briefing, with Mr. Silberman presenting the program status. The principal issues involved BMA's responsibility in the 117L program, underscoring the fact that R & D will be solely supported by BMD. It was mutually agreed no positive action can be taken to incorporate the various logistics exhibits until an approved OPS plan is established.

### WS 117L Communications: (UNCL)

IMSD with Philco, presented in detail their communication requirements to the Communications Division of BMD. Conclusions reached establishes long line interstation and intrasite communications, including all telephones, intercoms, teletype, and the major switchboards will be government furnished. Telemetry data transmission from vehicle to blockhouse will be IMSD's responsibility, contracted through Philco. IMSD's communication plan will be revised to reflect this arrangement and the IMSD contract amended accordingly. WDMC will evaluate IMSD's cable and equipment requirements, and advise WDTSR what funds will be required to support the AT&T & Kellog (communications contractors) effort.

### GFP Processing: (UNCL)

The GFP list, both as exhibited in Contract AF 04(647)-97 and additional proposed items of GFP, has been reconciled by BMO and endorsed by WDTSR. The contractor has been asked to present a master list of GFP for subsequent definitization in the pending contract negotiations. This list will be streamlined into a more readily operable format designed to curtail the current detailed attention that is necessary in processing of individual items.

### Flight Vehicle Acceptance Point - WS 117L: (UNCL)

As a result of extensive BMO/BMD-contractor discussions, the contractor has presented an official proposal covering "Point of Acceptance" of the

DECLASSIFIED AT 12 YEAR INTERVALS  
AUTOMATICALLY

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**SECRET**

end item flight vehicle.

The contractor proposes that the Government accept:

- a. The first flight vehicle at the Santa Cruz Test Facility upon completion of "hot firing" tests at said facility.
- b. Subsequent vehicles without significant changes to the propulsion system at contractor's Palo Alto Facility following in-plant checkout.

The WSPO has made no decision on this matter as yet.

WS 117L WSPG: (UNCL) - R 2111 6/11/58

The initial meeting of the WS 117L Weapon System Phasing Group convened at this headquarters on 21 May 1958. Representatives from USAF and various interested Air Force commands were present. The representation included designated members and observers. Briefings were given, and some problem areas of immediate concern were discussed. Subcommittees for two major areas of interest were designated, e.g., communications and scheduling. The second meeting was tentatively scheduled for July 1958.

Letter Contract AF 04(647)-181 Definitization: (UNCL)

This letter contract, providing for the acceleration and augmentation of the WS 117L program, is scheduled for definitization in July. The contractor had agreed to submit his proposal on 19 May. However, the contractor has now advised that his proposal will be delivered on 23 June. This will result in a slippage of the definitization schedule.

WS 117L Aero-Med Program: (SECRET)

Letter Contract AF 04(647)-181 provides for initiation of an Aero-Med Program, with WS 117L flights toward this end scheduled with approximately the third Thor flight. It is contemplated that this portion of the letter contract will be definitized as a separate contractual action. A definitive work statement has been received from representatives of the Aero-Med Lab, located in this complex. The contractor will be asked to submit a separate proposal for this work. In connection with this, a visit is being made to Lockheed by General Flückinger on Monday, 2 June 1958.

*James S. Beay*

JAMES S. BEAY  
Lt Colonel, USAF  
Chief, WS 117L Branch  
Deputy Director/Ballistic Missiles  
Directorate/Procurement & Production

[REDACTED]

[REDACTED]

# DISPOSITION FORM

FILE NO.

SUBJECT

WEEKLY DIARY - 30 May thru 5 June 1958

TO

MCPT

FROM

MCPTA

DATE

5 June 1958

COMMENT NO. 1

WS 117L Program

DOWNGRADED AT 12 YEAR  
INTERVALS; NO. AUTOMATICALLY  
DECLASSIFIED. DOD DIR 5200.10

*R S* STL Work Statement for WS 117L: (UNCL)

A work statement has been approved pertaining to STL's role in the WS 117L program related to the modification of both boosters and ground guidance. The development of guidance ~~acquisitions~~ *acquisitions* is also included as a requirement to STL.

Support of Hawaiian Tracking Acquisition Station: (SECRET)

Tentative arrangements have been made with the Pacific Air Command to provide initial housekeeping support for the Hawaiian Tracking Station. A list of requirements was submitted to PACAF for review and verification of their ability to furnish required items.

Fabrication of Steel Tanks: (UNCL)

The production problems associated with the fabrication of the steel propellant tanks have been alleviated with the availability of the primary program aluminum tanks. One aluminum tank is presently undergoing testing already having passed proof pressure and inertial loading tests.

Expedited and/or Airlift Requirements -WS 117L: (UNCL)

*S* AFPR/Contractor's FY 59 outsized airlift requirement forecast has been received. This requirement has been transmitted to the Transportation Division for review and incorporation into the overall FY 59 airlift requirement for this complex. It appears that the initial effort of the AFPR/Contractor airlift team has developed worthwhile information which should aid in subsequent comprehensive MATS funding and aircraft allocation.

*B* Visit to LMSD-Van Nuys Facility: (SECRET)

The Contractor's Van Nuys facility was visited by the Production Section of this office. As time would permit, a reasonably detailed review was conducted concerning WS 117L manufacturing methods. Close scrutiny of a cross-reference of shop planning, drawings, tooling, test equipment, etc., indicates the Contractor follows normally standard patterns of manufacturing operations.

It is observed, however, that the Contractor's precautionary methods regarding radiation potential; i.e., Mag-Thorium, X-ray equipment, appears to be

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[REDACTED]

loosely controlled. It was noted that workmen were hand-finishing Mag-Thorium without benefit of any protective wearing apparel or respirators. X-ray equipment is stationed for operation in populated areas without benefit of a complete protective shielding. The Air Force Quality Control office at Van Nuys is attempting to correct this condition, and is aware of the potential danger to personnel.

QPRI: (UNCL)

A general review of an original draft of the WS 117L QPRI was conducted at IMSD, Palo Alto on 2 thru 4 June 1958. Twenty-seven Air Force members representing Hq USAF, CINCAC, SAC-MIKE, BMD and BMO were involved in the review. IMSD's first cut of the operational phase support categorized approximately 12 groups of skills falling under the general categories of electronics, hydraulics, structure or airframe, maintenance analysis, data reduction, etc. Skill levels could not be accurately determined due to the lack of detailed job or title descriptions. It was mutually agreed that an approved operational plan must be available before an effective QPRI can be established. Periodic joint Air Force-contractor meetings will be scheduled to currently modify the basic QPRI as the program progresses.

*J. S. Seay*  
for *[Signature]*  
JAMES S. SEAY  
Lt Colonel, USAF  
Chief, WS 117L Branch  
Deputy Director/Ballistic Missiles  
Directorate/Procurement & Production

# DISPOSITION FORM

SECURITY CLASS

ION (if any)

FILE NO.

SUBJECT

WEEKLY DIARY - 16 thru 22 May 1958

TO

MCPT

FROM

MCPTA

DATE 22 May 1958

COMMENT NO. 1

## WS 117L Program - Lockheed Aircraft Corporation

### Logistic Management: (UNCL)

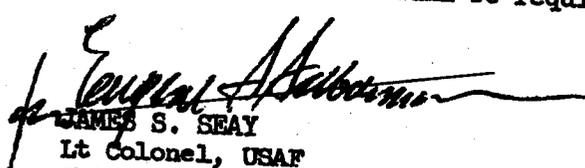
Information was received to the effect that SAAMA has been designated Weapon System Logistic Support Manager for WS 117L. Pursuant to a telephone conversation with Mr. John Winn, Assistant to General Price, a meeting has been arranged to discuss logistic requirements. This meeting will take place on 28 May 1958. SM/MA?

### Definitization of Letter Contract AF 04(647)-181: (UNCL)

A proposal for definitization of L/C AF 04(647)-181 was due from the contractor on 19 May. Lockheed has advised that this proposal will be delivered in June. As soon as this proposal is received, the evaluation will commence. However, some specific determination must be made on the FY 59 funding before this contract can be definitized, since the scope of the effort depends on the availability of funds.

### WS 117L - Communications: (UNCL)

BMD/BMO project representatives Major Houghten, Major Billick, Captain Buck and Captain Rhodes convened with IMSD groups at the new Philco plant at Palo Alto to reestablish an intra station communications required to support WS 117L R & D efforts. Presently, IMSD's work statement generally defines a study effort to determine the communication criteria with provisions leading to some hardware only in the breadboard or prototype stages. Lockheed, in turn, subcontracted this entire effort with Philco to furnish the criteria and design for the complete communication system involving normal and high speed data and voice transmission. The results of this meeting generally concluded that long-line communication requirements would be furnished by the Air Force to be contracted by CSAs through AT & T. The details of the intra station requirements remain to be resolved before any responsibilities are assigned to IMSD. BMD members presently are meeting at various stations and sites in the Alaska and Hawaiian area to physically examine conditions to ascertain what additional communication facilities will be required.



JAMES S. SEAY

Lt Colonel, USAF

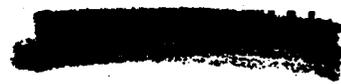
Chief, WS 117L Branch

Deputy Director/Ballistic Missiles

Directorate/Procurement & Production

# DISPOSITION FORM

SECURITY CLASSIFICATION (if any)



FILE NO.

SUBJECT

WEEKLY DIARY - 6 thru 12 June 1958

TO

MCPT

FROM

MCPTA

DATE 12 Jun 58

COMMENT NO. 1

WS 117L ProgramWS 117L Popular Name: (UNCL)DOWNGRADED AT 12 YEAR  
INTERVALS; NOT AUTOMATICALLY  
DECLASSIFIED. DOD DIR 5200.10

The popular name "Sentry" has been assigned to WS 117L. This name has been approved by the Advanced Research Projects Agency with provision that minimum publicity be given to the Weapon System or the popular name.

R & D Tracking Stations: (CONF)

Requirements have been established for five (5) R & D Tracking Stations for this program. This includes operation, support, and communications for and between the Tracking Stations. The communications requirements have been defined through a series of conferences, and action has been taken to place this on contract. The support and operation requirements are in process of clarification, and it is expected that a contractual amendment will be issued covering this area within 30 days.

FY 58 Fund Deficiency: (UNCL)

Additional funding for FY 58 has been received in the amount of \$6.4 million dollars, covering the additional fund requirements through FY 58. This amount will be placed on the Lockheed contract within the next five days to meet an immediate requirement.

Requirement for CL19J Aircraft for Use on the WS 117L Program: (CONF)

Tentative arrangements have been made with Middletown Air Materiel Area to modify nine (9) each CL19J aircraft to a configuration similar to that used on Project 119L. Hq USAF has agreed to allocate aircraft as identified desirable by an AFEMD team which will screen the CL19J inventory. The lead time on this requirement demands that this modification be accomplished immediately with a tentative schedule of two (2) each aircraft to be modified commencing 24 June 1958 and the remaining as soon thereafter as possible. Tentative arrangements have also been made to screen Air Force supply stocks for equipment that was used in the original Project 119L modification and later removed. Hq AMC has been contacted and requested to issue a Project Directive to Middletown Air Materiel Area for this modification.

58MCP-3600

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Clarification of Facility Appendix Presentation Requirements: (UNCL)

A meeting was held between contractor, MCPTA and MCPTI personnel to clarify questionable areas of facility requirements so that a mutual understanding could be arrived at on the contractor's presentation of requirements to be submitted by Appendix in the near future. MCPTI clarified to the satisfaction of IMSD the desired method of presentation and category of items to be included in the Appendix to be submitted for Air Force consideration.

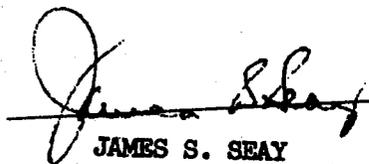
Air Force Acceptance Team Procedure for the WS 117L Vehicles and/or Ground Sites: (UNCL)

A procedure outlining Acceptance Team criteria for acceptance of WS 117L vehicles and/or Ground Stations was coordinated with and concurred in by Mr. Lancaster (MCPTI).

Visit to Sunnyvale-Palo Alto Facilities: (CONF)

The contractor's Sunnyvale-Palo Alto facilities were visited by the Production Section of this office 9 through 11 June. The contractor appears to be on schedule. Number 1 and Number 2 PTVA vehicles are in final stages of assembly. The first flight model was being assembled in the High Bay area at Sunnyvale. It is understood that the static model is undergoing tests at the IAC California Division.

The contractor is presently implementing a standard manufacturing plan designed to utilize control methods compatible with normal type production effort. This plan will be based upon a line flow manufacturing concept.



JAMES S. SEAY  
Lt Colonel, USAF  
Chief, WS 117L Branch  
Deputy Director/Ballistic Missiles  
Directorate/Procurement & Production

# DISPOSITION FORM

SECURITY CLASSIFICATION (U) [REDACTED]

FILE NO.

SUBJECT

WEEKLY DIARY - 13 thru 19 June 1958

TO

MCPT

FROM

MCPTA

DATE

19 June 1958

COMMENT NO. 1

WS 117L Program9 Visit to Palo Alto Facility: (UNCL)

A meeting was held at IMSD between WSPO and Contractor personnel to discuss both the R & D and IOC logistic plan. In general, the plans were pretty much acceptable as is. There were some changes suggested for the R & D logistic plan. The majority of them were accepted and will be included at the next re-write of the plan. It is intended to submit to the Contractor for formal comment prior to incorporating it into the contract. Formal comments to the IOC logistic plan will be handled at a later date.

DOWNGRADED AT 12 YEAR  
INTERVALS; NOT AUTOMATICALLY  
DECLASSIFIED. DOD DIR 5200.10

Discussions were also held on the subject of WDT Exhibit 57-7. The Contractor's plan for implementing this Maintenance Analysis Program is in process and will be in this office not later than 1 August 1958.

9 WS 117L Communications Requirement for Tracking Stations: (SECRET)

An amendment to L/C AF 04(647)-181 is being processed. It provides for the inter-station and intra-station communications requirements for the tracking stations required to be activated for the first flight. Provision for the actual operation of the tracking equipment and the support requirement will be added by an additional amendment within five days.

9 Airlift Requirements: (SECRET)

The AFPR/Contractor Airlift team submitted airlift requirements covering FY-59. Indications are that this requirement is considerably more extensive than had been previously anticipated. It appears that approximately eighteen (18) C-124 aircraft will be necessary to accomplish airlift of equipment from CONUS to Alaska during August. Preliminary planning indicates it may be necessary to consolidate the equipment being moved into staging areas and phase the effort throughout August and September. The Contractor has established 22 August as the availability date of all equipment.

Requirements for C-119J Aircraft for use on WS 117L Program: (CONF)

Extremely short lead time requires that these aircraft be available at an early date. In order to meet this schedule it is necessary that MAAMA award an immediate letter contract for modifications. In order to

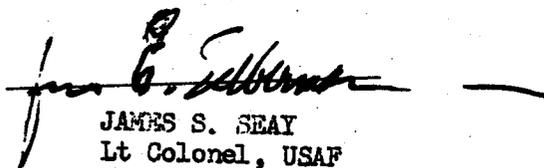
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do this they require a Project Directive and funds. Discussions with Headquarters USAF have resulted in initiation of the necessary action; however, it is anticipated that there will be some difficulty in obtaining funds within FY-58.

9 ✓ Contract Funding: (UNCLAS)

Although additional obligation authority has been obtained to fund the program through FY-58, the processing time for a PR may cause a problem in placing these funds on contract. Advance notice has been received from the Rochester APD that Eastman Kodak, a major sub-contractor, is completely without funds for commitment purposes, and intends to issue a Red-Flag Report on this matter. This Branch is taking every possible action to have the contractual document ready for distribution to the Contractor as soon as a PR is received. This is estimated to be 24 June 1958.



JAMES S. SEAY  
Lt Colonel, USAF  
Chief, WS 117L Branch  
Deputy Director/Ballistic Missiles  
Directorate/Procurement & Production

# DISPOSITION FORM

SECURITY CLASSIFK N (U) 

FILE NO.

SUBJECT

WEEKLY DIARY - 20 thru 26 June 1958

TO

MCPT

FROM

MCPTA

DATE

26 June 1958

COMMENT NO. 1

## WS 117L Program

Tracking Stations - Support: ~~(CONF)~~ **DOWNGRADED AT 12 YEAR INTERVALS; NOT AUTOMATICALLY DECLASSIFIED DEC 31 1970**

a. The procedures for support of WS 117L operation of R & D tracking stations have been established. Under the current concept, the contractor will provide complete support at the tracking station located at Annette Island, Alaska. All other tracking stations will be Government supported. To implement the Government support, a TWX was forwarded to Air Force Commands, by Hq USAF. This TWX enjoined the Commands concerned to provide the highest priority support from within the existing resources at the expense of lesser priority efforts. Where this is not possible, Commands will prepare budget requirements to provide such support and submit same to Hq USAF, Attn: AFQGM.

b. Initial Site Operational equipment shortage lists have been received from Elmendorf AFB to cover shortages on AN/FPS-8 Tower and Radome equipment. Holds are being effected with supply depots concerned to insure availability of shortage items. Subsequent shipping instructions will be forthcoming at the time manpower and equipment are available at the destination for processing and handling.

## WS 117L Funding: (UNCL)

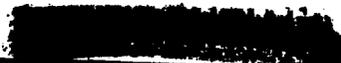
All FY 58 funds available for the project have been obligated.

## Labor Dispute: (UNCL)

There is a strike in process at Baldwin Piano Company, subcontractor to Reeves Instrument Company. An impact study was conducted on 24 June 1958 by IMSD and indications are that the WS 117L program will not be affected for at least the next thirty days. This potential problem area is being closely monitored to insure program schedules. A subsequent impact study is expected from IMSD on 15 July.

## Logistic Support Plans ( R & D and IOC): (UNCL)

A general review of the R & D and IOC Log Plan was completed 13 June at IMSD with members in attendance representing BMD/BMO/AFPR and Test and Logistic groups of IMSD. IMSD will submit comments on both plans

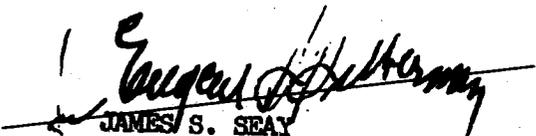
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officially during the week of 23 June 1958. IMSD major objections to the overall plan was that such action, as pre-provisioning and stock coding in the time period prescribed by the plan was too premature considering the "state of the art" especially in the field of Data Processing. The general impression was left that such expedients as Electronic Accounting Machines and fast reacting channeling was not applicable to a system where firing schedules were pre-arranged. Several meetings will be scheduled jointly with SMAMA and IMSD on these issues before the plan is contracted.

WS 117L Program Presentation: (UNCL)

A dry run of the WS 117L Presentation was made to Colonel Oder on 24 June. This is in preparation of a review directed under Colonel Terhune's memorandum to all concerned dated 11 June 1958 expressing General Schriever's desire to review the operational usage of the 117L System. The presentation covers four phases; SAC's Operational Plan, Logistic and Production, Organization and Production and Test Operation and Communication in the R & D phase. Several issues were raised on SAC's integration date for the operation of the WS 117L not being compatible with BMD's understanding of the Operational Plan. Separate meeting will be held on these matters before the charts are formalized.

  
JAMES S. SEAY  
Lt Colonel, USAF  
Chief, WS 117L Branch  
Deputy Director/Ballistic Missiles  
Directorate/Procurement & Production

# DISPOSITION FORM

SECURITY CLASSIFICATION (if any)

FILE NO.

SUBJECT

WEEKLY DIARY - 27 June thru 3 July 1958

TO

MCPT

FROM

MCPTA

DATE

3 July 1958

COMMENT NO. 1

WS 117L ProgramWS 117L Program Presentation: (SECRET)

BMD/BMO members, Colonel Oder, Lt Colonel Battle, Mr. Silberman, and Major Billick, convened in Colonel Proctor's office (General Large's Deputy) on 30 June to review SAC/MIKE's realigned 117L operational program. March 1961 remains to be the date when SAC will commence integration into the 117L program. Present planning reflects a small cadre of over-the-shoulder type training, starting as early as May 1960 on a non-interference basis. These new adjusted dates relieve the requirement for creating full scale training, personnel manning, and provisioning action until the latter part of calendar year 1959 or early 1960 in lieu of the calendar year 1958. This new presented plan was generally agreed to by all concerned and Colonel Polio (SAC/MIKE) tentatively plans to pass this by CINC/SAC review during the week of 7 July 1958.

Visit to Sunnyvale-Palo Alto Facilities: (SECRET)

The Contractor's Sunnyvale-Palo Alto Facilities were visited by personnel of the Production Section of this office on 25 and 26 June 1958. Number 1 and Number 2 PIVA vehicles have been shipped to the Santa Cruz Facilities and are now being prepared for tests. The first and second flight vehicles have completed final assembly testing in the stacking fixture at Sunnyvale. These vehicles are now at Palo Alto undergoing equipment installations. It is estimated that the first vehicle is approximately fifteen days behind forecast schedule; however, a recovery program has been put into effect which predicts the return to schedule by the time the vehicles are ready for shipment from the Santa Cruz test site.

WS 117L Graphic Analysis Chart: (UNCL)

The Contractor's proposed graphic analysis presentation was reviewed with Major Hakola of the Production Staff, and Lockheed personnel. It is planned to present this chart at the next BMO "Black Friday" presentation.

Modification of C-119J Aircraft for Use on the WS 117L Program: (CONF)

A contract was consummated between the Fairchild Aircraft Corporation and the Air Force for the modification of 9 each C-119J aircraft to the Project 119L configuration. At present, four aircraft have been delivered to the Fairchild St. Augustine, Florida facility and are undergoing the required modification. It is anticipated that scheduled required dates for re-delivery to the Air Force will be met.

58MCP-4060

  
S Letter Contract AF 04(647)-181, Definitive Proposal: (UNCL)

The contractor delivered his proposal for definitization of the letter contract. However, the estimated costs for FY 59 substantially exceed the budget. The contractor will be required to rework the proposal to conform to available funds. The definitization date is now estimated to be September 1958.

9 Alaskan Tracking Stations: (UNCL)

Arrangements are being made with Alaskan Air Command, Elmendorf, for a visit by the ACO to Alaska to discuss the Lockheed/Pan American sub-contract, Property Administration, and Subcontract Administration.

~~Mark Farnum, Major, USAF~~  
for JAMES S. SEAY  
Lt Colonel, USAF  
Chief, WS 117L Division  
Deputy Director/Ballistic Missiles  
Directorate/Procurement & Production

*Complete*

# DISPOSITION FORM

SECURITY CATION ( )  
[REDACTED]

FILE NO.

SUBJECT

WEEKLY DIARY - 4 thru 10 July 1958

TO

MCPT

FROM

MCPTA *Log*

DATE

10 July 1958

COMMENT NO. 1

WS 117L Program

IOC Log Plan Review: (UNCL)

DOWNGRADED AT 12 YEAR  
INTERVAL

S

General Funk and staff, with 117L WSPO personnel, initiated review of the draft IOC Log Plan with SMAMA on 7 and 8 July 1958. General Funk, in his opening remarks, called for strong liaison between the Logistic Systems Managers responsible for the integrated 117L/SM-65 program and the timely phase-in of supporting elements in the area of GSE spares and Data Flow. In the general review that followed, no major disagreements were presented from SMAMA's planning groups. It was agreed that the WSPO Logistic Section and SMAMA's planning groups convene periodically to resolve differences and establish compatible initial and completion dates relative to provisioning maintenance support, hand books, etc. SMAMA's comments and recommendations on the draft IOC Log Plan will be officially submitted within 10 days and the assignment of LSM's Maintenance and Supply personnel to the WSPO can be accomplished within six months if required.

WS 117L/SM-65 Coordination Conference: -(SECRET)

A combined WS 117L/SM-65 WSPO and Convair-IMSD conference was held on 7 July 1958 at this complex. Discussion centered around WS 117L booster requirements at launch site. Both contractors agreed to conduct a contractor level conference with the object of alignment of schedules to insure compatibility. Correspondence committing the two contractors to a definite plan was promised to the respective WSPO's by 18 July 1958.

*[Signature]*

JAMES S. SEAY  
Lt Colonel, USAF  
Chief, WS 117L Division  
Deputy Director/Ballistic Missiles  
Directorate/Procurement & Production

[REDACTED]

[REDACTED]

# DISPOSITION FORM

SECURITY

CATION

FILE NO.

SUBJECT

WEEKLY DIARY - 11 thru 17 July 1958

TO

MCPT

FROM

MCPTA

DATE

17 July 1958

COMMENT NO. 1

WS 117L ProgramTracking Station Equipment Shortage Lists: (CONF)

Equipment shortage lists covering AN/MPS-8 Radar set at Chiniak have been received from the Alaskan Air Command. The lists were coordinated and confirmed by IMSD and Philco jointly for accuracy and completeness. Procurement from AF supply of major components is now underway with an agreement that IMSD will furnish "local purchase" type items.

Spare Part Support of SCR-584: (CONF)

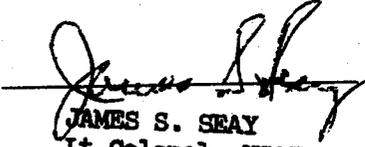
The initial list of SCR-584 components requiring spares support has been received from IMSD. Table 16 listings have been ordered and a determination will be made of the extent of spares support required for the above system.

WS 117L Thor Booster Requirement Schedule: (SECRET)

The Production Section of this office has reviewed WS 117L Thor booster schedules with the Thor WSFO. The Thor and WS 117L schedules appear to be compatible based upon the booster requirements furnished by IMSD except for very minor differences. Thor booster allocations, as presently established for the WS 117L, were forwarded to IMSD. It was suggested that the two contractors conduct contractor level coordination similar to that now being undertaken by IMSD-Convair.

Standard Facility Test Equipment: (UNCL)

An agreement has been reached with the ACO whereby screening, requisitioning or approval for procurement and shipment of the above type items will be performed by the ACO. Pre-release copies of each will be furnished to WDTSR for concurrent review and/or comment.

  
JAMES S. SEAY

Lt Colonel, USAF

WS 117L Division

Deputy Director/Ballistic Missiles

Directorate/Procurement &amp; Production

DD FORM 96  
1 FEB 50

REPLACES NME FORM 96, 1 OCT 48, WHICH MAY BE USED.

58MCP-4480

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