

Memorandum

STATOTHR

Memo No: 1067 **Declass Review, NIMA/DoD**
 STATOTHR
 TO: Contracting Officer ✓
 FROM: [REDACTED] Project Engineer, E80 STATOTHR
 SUBJECT: Monthly Progress Report, Contract [REDACTED]
 DATE: 31 January 1964

A. General

The progress report is separated into several sections, the first of which is a percentage summary of the schedule. This is followed by a statement on the progress and remarks on work completed, work in process and planned work effort. Finally a table showing each task and the percentage complete is supplied.

B. Schedule

	<u>Major Project Tasks</u>	<u>Percent Complete</u>	<u>Percent Required By Project Schedule</u>
I	System Engineering	100%	100%
II	Subsystem Design	75%	75%
III	Construction and/or Purchasing and Assembly	15%	20%
IV	Testing and Debugging	0%	0%
V	Final Inspection	0%	0%

As indicated in the project completion percentages, the project is progressing according to schedule with the exception of the task identified in the listing in Table 1. It is expected that this will be advanced in February.

C. Summary of Progress1. Electronic Control

The major effort this month has been centered around the design of the special Electronic circuits for controlling the system clock frequency.

2. Coordinatograph

The table and related castings are under fabrication and two pictures of some castings are enclosed. The table itself is in the heat treating stage.

D. Planned Work Effort

The general schedule is as follows:

February

1. Complete cabinetry design
2. Specify temperature sensing system
3. Assemble servo test apparatus
4. Wire electronic racks
5. Begin Testing electronic racks

March

1. Test servo apparatus
2. Test cooling systems
3. Test electronic racks

April

1. Assemble and wire coordinatograph
2. System test

E. Detailed Progress Report

Detailed estimates of progress on all project tasks are listed in Table 1. The following is an explanation of the progress approximations listed.

- 0% Tasks not started
- 10% Tasks started but not 25% accomplished
- 25% Tasks over 25% accomplished but less than 50% accomplished
- 50% Tasks over 50% accomplished but less than 75% accomplished
- 75% Tasks over 75% accomplished but less than 100% accomplished
- 100% Tasks completed

<u>Project Tasks</u>	<u>Labor Effort</u>
	<u>Percent Complete</u>
IV. <u>Testing and Debugging</u>	
A. <u>Coordinatograph</u>	
1. Structure	
a. Support and Table	0
b. Gantry and Carriage	0
c. Vacuum Platen	0
2. Drive System	
a. Power Control	0
b. Power Supply	0
c. Test Apparatus	0
d. Cooling System	0
3. Human Engineering	
a. Manual Controls	0
b. Cabinetry	0
4. Paper Feed Subsystem	0
5. Writing Head	0
B. <u>Electronic Control</u>	
1. Logic Circuits	0
2. Axis Instrumentation	0

Project Tasks	Labor Effort	
	Percent	Complete
III. <u>Construction and/or Purchasing and Assembly</u>		
A. <u>Coordinatograph</u>		
1. Structure		
a. Support and Table	25	
b. Gantry and Carriage	25	
c. Vacuum Platen	25	
2. Drive System		
a. Power Control	10	
b. Power Supply	0	
c. Servo System Test Apparatus	0	
d. Temperature Sensors	0	
3. Human Engineering		
a. Manual Controls	50	
b. Cabinetry	0	
4. Paper Feed Subsystem	0	
5. Writing Head	0	
B. <u>Electronic Control</u>		
1. Standard Logic Board Fabrication	75	
2. Special Logic Board Fabrication	0	
3. Intra-rack Wiring	0	
4. Inter Rack wiring	0	
5. Axis Instrumentation	100	

Rough machined & in heat treating to be scraped after heat. — *End of March.*

Project Tasks	Labor Effort
	Percent Complete

II. Subsystem Design

A. Coordinatograph

1. Structure
 - a. Support and Table 100
 - b. Gantry and Carriage 100
 - c. Vacuum Platen 100
2. Drive System
 - a. Power Control 100
 - b. Power Supply 50
 - c. Test Apparatus 100
 - d. Heat Load Calculations 100
3. Human Engineering
 - a. Manual Controls 50
 - b. Cabinetry 75
4. Paper Feed Subsystem 50
5. Writing Head 100

B. Electronic Control

1. Detailed Logic 75
2. Special Circuit Design 75
3. Rack and Cable Allotment 25
4. Axis Instrumentation 100
5. Heat Load Calculation 100

TABLE 1

Progress Report on Project Tasks

Project Tasks	Labor Effort
	Percent Complete
<u>1. System Engineering - Develop Subassembly Specifications</u>	
<u>A. Coordinatograph</u>	
1. Structure	100
2. Drive System	75
3. Human Engineering	100
4. Paper Feed Subsystem	100
5. Writing Head	100
<u>B. Electronics Control</u>	100