

IOE

*OK to proceed  
from CIA  
about 8/10*

August 13, 1962  
JH-M-430

Dear Wendell:

The establishment of the clean area requested in our twx no. 985 was discussed with you and your technical people during my visit on 25 July. The technical decision was that the clean area was necessary, however the extent of Headquarters participation in the cost was left open for negotiation. This letter will serve to furnish additional information in support of our request.

25X1A

Early in 1959 it became apparent that a separate facility would be required for the engineering, assembly and test phases of the program. At that time we extended our lease on the [redacted] plant with the thought that one half of the plant area would be sufficient to house the program. Contract RE-518 was negotiated at this time to cover the rearrangement and equipping of the applicable half of the [redacted] plant. This work was completed for October '59 occupancy and the rear half of the building was set up as a Division machine shop. In the spring of 1960 it became apparent that the full area of the plant would be necessary for this program, the machine shop was moved out, and the rear half of the building was made suitable for the program at our expense.

25X1A

Of the equipment furnished by you under RE-518 and PR-8200 comprising a total value of the order of [redacted] we can identify approximately [redacted] as equipment peculiar to the items being furnished under PR-8200. About [redacted] of the remaining [redacted] equipment which will ultimately be shipped to the Area for use in the [redacted] building. The remainder will be held for later use on M & O and spares requirements. Thus your net investment here over the last three years approximates [redacted]. Our own investment in plant and equipment for use on government work over that period has been about [redacted] million of which [redacted] can be identified in direct support of PR-8200. (This is itemized in attachment "A".)

25X1A

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25X1A

Items not specifically identifiable as in direct support of this program also contribute in large measure to its support. In addition to direct capital investment we lease approximately [redacted] worth of machinery and equipment which is used to fabricate parts for your program as well as others. We believe that our support of PR-8200 as compared to other programs in progress is normal.

25X1A

25X1A

25X1A

Our specific request in regard to the Clean Room was in the amount of [redacted]. This included our standard G & A of 20 percent on the estimated cost of [redacted]. This estimated cost covered three main categories as follows:

25X1A

Air conditioning, humidity, and dust control

Ceiling, lighting, and electrical

General construction

These are costs above the normally required lighting, heating, flooring, and wall treatment for the addition to the building if it were used for a stock room.

Questions raised during our last meeting regarding -a) the consideration which we would give for final title to the equipment and building improvements and -b) the ultimate disposition of the building can be answered as follows:

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25X1A

a) In consideration for ultimate title we offer to complete the Clean Room as described in our memo dated 24 July 1962 from [redacted] to [redacted] for a total cost against PR-8200 of [redacted]

25X1A

b) Our purchase of the building at [redacted] was made in the belief that the program under PR-8200 would continue for a number of years, and that a purchase by us would eliminate any possibility at a later date that leasehold extensions might be uneconomical or impossible. We expect upon completion of this program the building will be disposed of since it represents a decentralized operation with its attendant inefficiencies and expenses. We wish to point out that maintenance costs, taxes, depreciation, etc. on this building are shared by others through overhead. Had this program been of a less sensitive nature security wise, we would have integrated it into operations at our main plant and used some of the equipment and facilities on a scheduled basis with other programs. To the extent possible this is being done in machining, electronic sub-assembly, optical fabrication and testing. However security precludes final assembly and testing at any facility other than Conn. Ave.

25X1A

Since our meeting at your office on 7 August, we have reviewed the requirements regarding permissible particle size and find no substantial reduction in either specification or cost is feasible.

We believe the above requested support of the Clean Area to be justified and reasonable and solicit your approval at the earliest possible time.

[redacted]  
25X1A

Charlie

CMH: jkh

Attachment

ATTACHMENT "A"

25X1A

25X1A

Machine Shop Move and Modification of Rear Half  
of [REDACTED] Bldg.

Sprinkler

Rental of special warehouse

25X1A

Purchase of [REDACTED] Bldg.

25X1A

P-E equipment at [REDACTED]

Shell of addition

Optical Shop Equipment

OXR-3821  
COPY 1 OF 2

504

August 3, 1962  
JH-M-432

Dear Wendell:

Subject: PR-8200 - Change in Scope

We wish to present the following three items for your review and approval as change in scope:

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1 - Modification of the C-123 Gimbal to isolate it from the aircraft vibrations 25X1A

2 - Fabrication of [redacted] windows for use in an interim test vehicle

3 - Addition of [redacted] data outputs for the proposed flight recorder as follows: 25X1A



25X1A

Of these items 1 is completed, Item 2 is in process and Item 3 is held pending your approval to proceed. 25X1A

Cost breakdowns for each item are attached and total [redacted] estimated cost with [redacted] fee including three each of Item 3 above. If six are required their cost is estimated at [redacted] additional with [redacted] fee. 25X1A

25X1A

Please call me if you require additional information. 25X1A

25X1A



Charlie

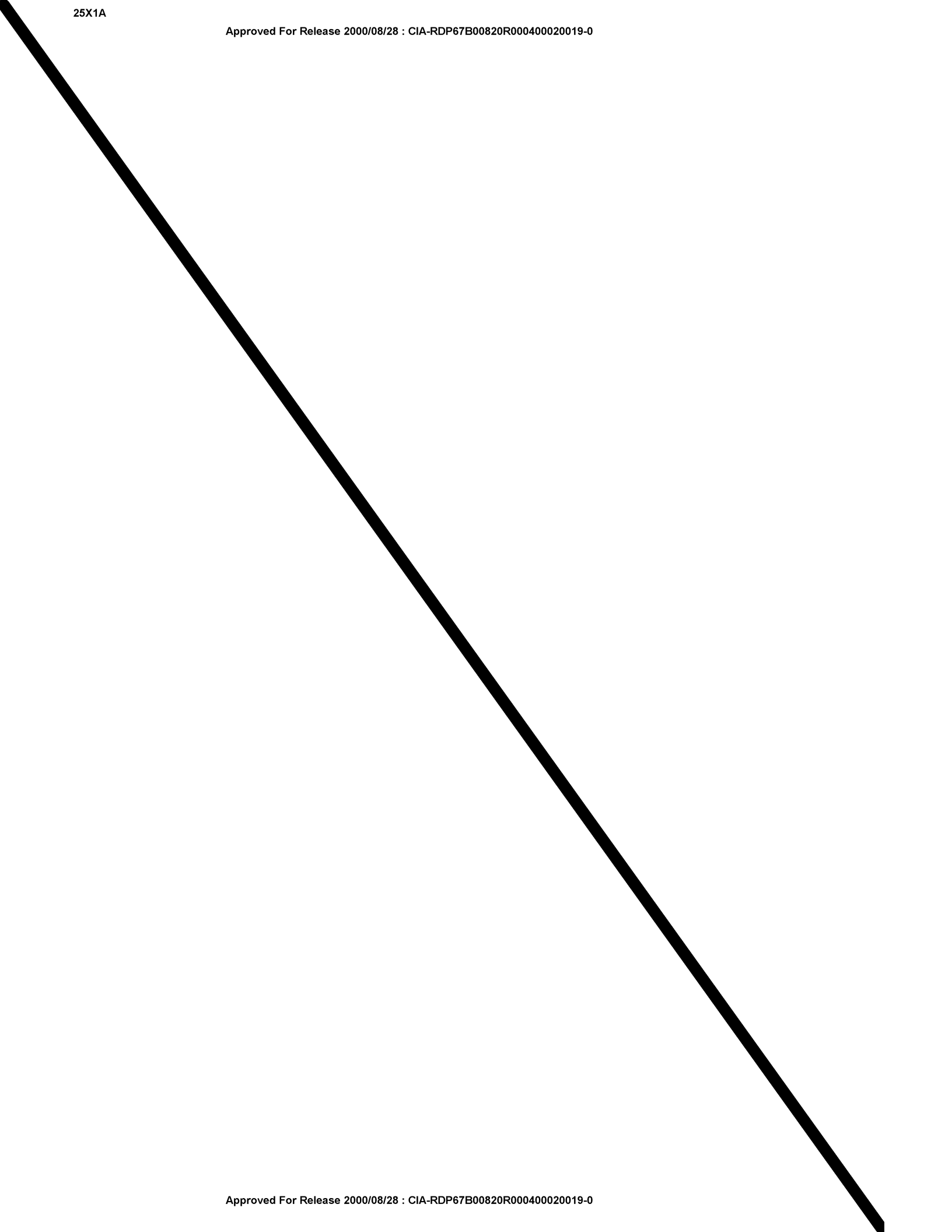
jkh

25X1A

*3) data output unit*

*Copy to [redacted]  
8/14/62*

*[Handwritten signature]*



SCHEDULE FOR SYSTEMS 1a THRU 1f

11/28/62

Approved For Release 2000/08/28 : CIA-RDP67B00820R000400020019-0

ATTACH D

1962

1963

1964

Nov. Dec.

Jan.

Feb.

March

April

May

June

July

Aug.

Sept.

Oct.

Nov.

Dec.

Jan.

Feb.

March

April

1a Accept. Test'g

1b Procurement

Assy.To Plat'fm.

In House Test'g.

AREA Testing

1c Procurement

Opt-Mech Assy.

Assy.To Plat'fm.

In House Test'g.

AREA Testing

1d Procurement

Opt-Mech Assy.

Assy.To Plat'fm.

In House Test'g.

AREA Testing

1e Procurement

Opt-Mech Assy.

Assy.To Plat'fm.

In House Test'g.

AREA Testing

1f Procurement

Opt-Mech Assy.

Assy.To Plat'fm.

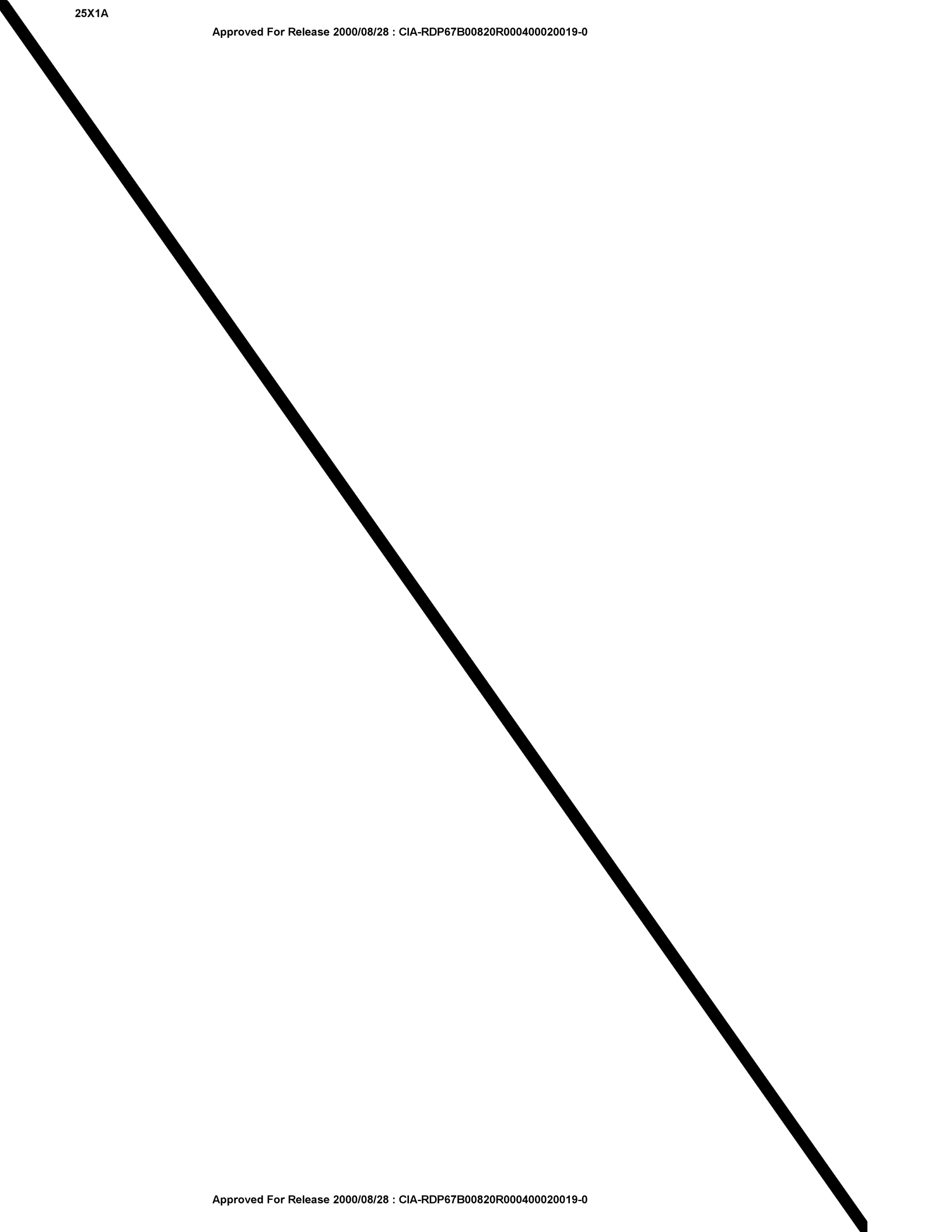
In House Test'g.

AREA Testing

Approved For Release 2000/08/28 : CIA-RDP67B00820R000400020019-0

ATTACHMENT "B"

<u>Item No.</u>	<u>Contract Item Description</u>	<u>Cost to Date</u> <u>11/2</u>	<u>Cost to Complete</u>	<u>Total Prime Cost</u>
1	Preliminary Design			
2	Final Design			
3	Type 1A			
4	Type 1B			
5	Type 1C			
6	Types 1D, E & F			
8	Field Support Equip.			
9	Spares ✓			
10	Manuals & Dwgs.			
11	Ammendment #2 Change in Scope			
12	M & O ✓			
13	Change in Scope 3 Aug '62 letter			
14	Facility Const..			
	TOTALS			





a single field location. The types of equipment to be provided are listed on Attachment "B".

8.2 Field Support Equipment will be delivered with the Type IA system, Item 3.

9. Spare Parts for support of Acceptance Tests

9.1 Spare parts will be provided sufficient to support each system in the field for the duration of its Acceptance Test program as described in item 7 above.

10. Instruction Manuals

10.1 The Contractor shall provide labor, materials, supplies and services necessary to prepare the following manuals:

1. Alignment procedures for each system and all subsystems
2. Handling procedures for each system and all subsystems
3. Operating procedures for the system
4. Maintenance procedures for each system and all subsystems

including:

- a. Preventive maintenance and inspection
  - b. Testing
  - c. Trouble shooting
  - d. Corrective maintenance
  - e. Removal and replacement
5. Description and principles of operation on major subsystems (black box) level. These categories will be covered for the entire system and all subsystems, including ground support equipment, special tools and equipment.

All differences between the <sup>three</sup> ~~two~~ systems will be documented as required. These will include design changes as well as those determined in the field.

- 10.2 Manuals described above will be similar to those supplied under contract #HF-20-80. It shall present a general understanding of the overall system and its function. Half-tone line drawings and other necessary illustrations shall be included.
- 10.3 Individual Instruction Manuals shall be loose leaf manuals similar to those supplied under contract #HF-20-80. Each manual shall present sufficient instructions to permit plant or field trained personnel to perform general and special maintenance of the equipment in the field.
- 10.4 Delivery of the first preliminary Instruction Manuals shall be made at the time of shipment of the first prototype from the contractor's plant to the customer's test site.
- 10.5 Delivery of subsequent manuals will be made at time of shipment of the respective system types.
- 10.6 *One set of blueprints of the drawings used by the*
11. The changes and additions in the contract work stated in Contractor's letter JF-M-230, dated 3 April 1961, and comprising the following shall be included in the performance of the contract work:
- 11.1 Changes, redesign and mock-up rework resulting from vehicle motion.
- 11.2 Engineering incident to contemplated computer for nonstraight courses.
- 11.3 Furnishing of two (2) each Century 409X recorders.
- 11.4 Additions to the vacuum furnace to provide a complete mission thermal and pressure profile.
12. The changes and additions in the contract work stated in the Contractor's letter JF-M-323, dated 19 October 1961, and comprising the following, shall be included in the performance of the contract work. Said letter is incorporated into and made a part of this contract by reference:

✓ Contractor in the manufacture of the systems will be furnished on request at any time after delivery of the last system.

12.1 Effective 1 July 1962 all Contractor Personnel comprising the flight test group at the Area and all travel and field adjustments relating thereto will not be furnished under this contract, but shall be provided by the Contractor under a separate contract for services of Contractor's Personnel to be drawn for this purpose.

12.2 The Contractor shall perform maintenance, repairs and overhauls of equipment provided the Government under this contract through 30 June 1963. This item covers only the work at the Contractor's plant.

13. The changes and additions in the contract work stated in Contractor's letter JH-M-432 dated 3 August 1962 and comprising the following shall be included in the performance of the contract work:

13.1 1 - Modification of the C-123 Gimbal to isolate it from the aircraft vibrations

13.2 2 - Fabrication of five windows for use in an interim test vehicle

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13.3 3 - Addition of [REDACTED] data outputs for the proposed flight recorder as follows:

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13.4 Data outputs per paragraph 13.3 are to be included in **I**tems 3, 4, and 5 above

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14. The changes and additions in the contract work stated in contractor's letter JH-M-430 dated 13 August 1962 and comprising the following shall be included

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in the performance of the contract work:

14.1 Modification to the [REDACTED] plant as described in contractor's letter JH-M-430 dated 13 August 1962 are chargeable to this contract to a maximum limit of [REDACTED] 25X1A

*15. Target Covers*

*15.1 The Contractor shall provide covers for*

[REDACTED] 25X1D

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ATTACHMENT "B"

FIELD SUPPORT EQUIPMENT

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✓ Collimator with six (6) large flats to permit observation of oblique positions.

Tools, meters, etc.

Elec.-mech. check-out consoles:

Configuration

Window

Hatch

Pilot control

Film viewing table and microscope

Film rewinds

Dollies, Lifts, Hoists, Stands

Desiccation Equipment

Power Cart

Cabinets, Benches, Vacuum Cleaner, Office Equipment

Special Clothing

Flight Test Instrumentation

Photographic Equipment and Supplies

Optical Test Apparatus

Strength Tester

Vacuum Tester

Cycle Tester