

PROJECT ASSIGNMENT RECORD

Approved For Release 2001/08/13 : CIA-RDP78B047A002100080003-8

997446

TO: SSS

DATE: 10-11

FROM: C/DB

TIME: 1430

SUBJECT: PAG Memo on Print Reqlmts.

1. This falls under Reproduction Materials. Do you know of any available equipment? I don't and doubt there is any with these specs.

DECLASS REVIEW by NIMA/DOD

Since this is a valid request, we need to assign a project to it and go out to industry with a devel. request. We need immediate memo to PAG saying we are taking action and will be coordinating with them.

ORM 241A (8/65)

ASSIGNED TO	SUBJECT	NUMBER	DUE DATE	DATE COMPLETED
	Approved For Release 2001/08/13 : CIA-RDP78B04747A002100080003-8			
	PI Print Enclosure			

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IPO/OSB/M-43/65
5 October 1965

MEMORANDUM FOR: Assistant for Plans and Development, NPIC
SUBJECT: Requirement for Print Enlargements
REFERENCE: IPO/OSB/M-35/65, Dated 4 August 1965

25X1A

1. The P&DS was contacted in response to a suggestion by [redacted] Deputy Director, NPIC, that the photo-interpreters have available to him a means of enlarging duplicate positive transparencies. The referenced memorandum requested P&DS to investigate the applicability of the enlarger used by NRTSC for enlargement of transparencies. No formal request for development was to be made until it was established that no commercial enlarger or government-sponsored equipment was not available for our use. [redacted]

25X1A

[redacted] were questioned concerning the availability of this equipment on Wednesday, 25 August 1965. According to [redacted] the Naval Photographic Center now uses an enlarger but it is limited in format coverage to 70 mm film. Samples taken from the duplicate positive transparencies were poor in quality.

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25X

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[redacted] stated that other samples that he had seen approached the polaroid camera in resolution capabilities and that he would try to get some samples for our evaluation. None have been received to date. All of these negative prints, he stated, were from duplicate positive transparencies. No capability for duplicate positive-to-positive prints were available with this equipment.

2. To further establish the type of enlarger that would be of interest to the Photographic Analysis Group, the following performance characteristics are desired:

a) Heat processed rather than chemical, although this is not essential.

b) Dimensions should be such that small elevating table mounting would not be inconvenient. This means approximately 2-feet by 3-feet and a depth not to exceed 2 feet.

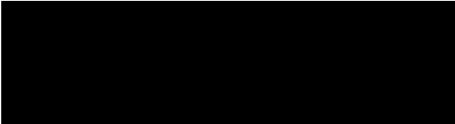
GROUP 1
Excluded from automatic
downgrading and
declassification

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SUBJECT: Requirement for Print Enlargements

- c) Magnification from seven to ten diameters.
- d) Reproduction of print should be available from any area on a 9 x 18 image format.
- e) Image area to be reproduced is approximately two-inches by three-inches maximum.
- f) Resolution should be no less than 80 lines per mm which is comparable to that obtained from polaroid photographs.
- g) Gray-scale range from 0.10 to 2.0 would be desirable.
- h) A positive-to-positive print with a processing time not to exceed $\frac{1}{2}$ -minute.

3. The Photographic Analysis Group would be interested in any survey made by the Plans and Development Staff concerning the availability of a printer/processor that would enable confirmation of data with the possibility of additional interpretable data being available from the enlarged prints. A saving in time would be realized if the instrument were available to the PI in his immediate area for production of prints, instead of the present procedure of ordering prints from the Photo Lab. The immediate availability of these prints will not, however, replace the requirement for Photo Lab support. Although the Polaroid camera is now used when possible, its coverage is limited to a 1.1" x 1.4" object area on the Model 316 and an object area of 0.5" x 0.6" on the Model 700. Targets to be enlarged are often larger than the Polaroid coverage; therefore, these targets would have to be covered with a number of overlapping or adjoining photographs which is not satisfactory.


Assistant for Photographic Analysis, PAG

Distribution:

- 2 - Addressee
- 1 - IPO/OSB/PAG
- 1 - Asst for PA

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Approved
To

DTE

Action

8 Oct.

Response required - Please have
memo prepared outlining our
position (if necessary) and indicating
action to be taken with some sort
of time reference - Draft to me
by 15 Oct. JAP

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