

SECRET

NPIC/TDS/D-1141-67
15 November 1967

MEMORANDUM FOR THE RECORD

25X1 SUBJECT: [REDACTED]

25X1 1. [REDACTED] was visited on 13 November to discuss the d.o. of Project #02318, Alignment Device for Stereoviewers, and to become acquainted with their facility. [REDACTED]

25X1 [REDACTED] Vice President of the company, was contacted. 25X1

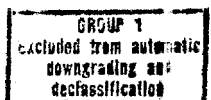
25X1 2. [REDACTED] is about five years old, occupies the back end of a building in [REDACTED] and employs approximately 40 people. Of this total employment, about 30 are in the production area and the remainder in engineering, management, and supporting groups. The engineering and design group includes [REDACTED] and two or three design and drafting personnel. The very few designs observed during the visit that were produced by this group appeared to be straight-forward problems with straight-forward solutions. 25X1

3. The shop facility is fairly extensive in floor area and numbers of machines. Age of the machines, and presumably quality and accuracy, would appear to vary rather widely. Included are about fifteen lathes of various sizes (with two or three turret lathes), a dozen milling machines (none taped, although one is being considered), three grinding machines (one of which is centerless), and two or three drilling machines.

4. A sheet metal department includes six or eight brakes and shears of various sizes. The welding area is capable of the usual hand operations plus Heliarc. However, welding aluminum is not a capability. This facility does not seem suited to quantity fabrication. A rather messy-looking glass-forming facility, which includes a lathe, is probably of somewhat limited capability. An inspection area appeared to consist of a screen projection comparator and a hand micrometer, although other unseen instruments could have been in cabinets. Paint spray equipment included a fairly large spray painting enclosure, a spray booth, and an oven. An assembly area and a shop foreman's enclosure completed the shop facility.

Declass Review by NGA.

SECRET



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Approved For Release 2005/02/17 : CIA-RDP78B04770A001400020010-5

25X1 5. The company is presently subcontracting part of a film printer for [redacted] a color printer drive for [redacted] builds some light tables for one of the military services, a portable viewing device, and some other miscellaneous jobs. The quality of machine work appears to be good. Production tolerances of .0003 are within their capability although they admittedly would have to use care in choosing a machine and machinist to produce this accuracy. The production of castings, or larger fabrications such as weldments of machine bases, is beyond their capability. 25X1

6. The company appears to be a possible source for the production of smaller machined parts and assemblies, sheet metal work of about any size we may be interested in, and limited glass-forming work. Any of their facilities would be available for work in jobbing quantities.

25X1 7. [redacted] is interested in the Alignment Device for Stereoviewers and intends to submit a proposal. [redacted] expressed interest in being contacted in the future for similar types of developments. 25X1



TDS/ESB

Distribution:

Orig - Rt & File

2 - ESB

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GROUP 1
Excluded from automatic
downgrading and
declassification

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TDS/ESB 25X1

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Orig - Rt & File

✓ 2 - ESB

25X1 NPIC/TDS/DS []

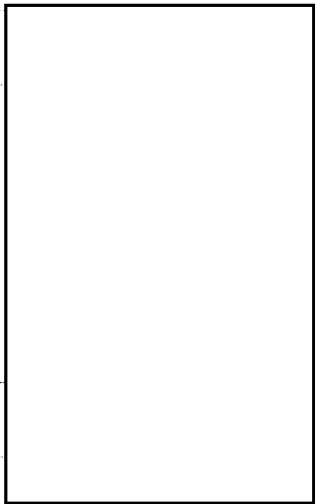
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02318

25X1



- Propose a design study contract for [redacted] three months duration.

25X1

25X1

- Does not really understand problem. Proposal in present configuration unworkable. Cost - [redacted] Time - 12/14 weeks

25X1



- Propose four alternatives:
 - 1 - Similar to design in d.o. Cost - [redacted] Time - 3 months
 - 2 - Refinements to (1). Cost - [redacted] Time - 3 1/2 months
 - 3 - Addition of central stand to support stages. Cost - [redacted] Time - 4 months
 - 4 - Study of 3 above alternatives, 2 additional concepts - cable drive, and servo controlled. Cost - [redacted]

25X1

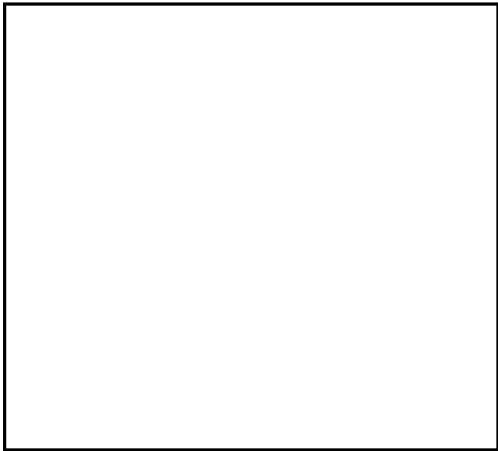
25X1

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25X1

Time - 4 1/2 months

25X1



No proposal

No proposal

Three-bar linkage. Best solution of any submitted.

Cost - Time - 14 weeks 25X1

Production cost - . A one-direction-of-operation device because of backlash 25X1