

11 November 1971

SUBJECT: Procurement Coordinating Team Meeting
10 November 1971

1. Attendees:



AT

2. The primary purpose of the PCT meeting was to exchange operating and maintenance experiences/problems/deficiencies associated with the [] 1540 light tables recently purchased by the community.

AT

3. [] gave a brief on the 1540/240 viewing system. He pointed out that the table/optics combination was designed and purchased primarily for the scanning functions and not for mensuration.

4. Each user was polled as to his experience with the 1540 table/zoom 240 combination. A brief account of each organization's problems is listed below:

a. Navy.

(1) Microstereoscope mount and viewing surface not parallel.

(2) Microstereoscope ring not parallel.

Declass review by NGA/DoD

(3) No limit lock on downward movement of micro-stereo pod.

(4) Electric cord at rear of optical bridge hinders X and Y movement of microstereoscope mount.

(5) Single bearing supporting back plate of microstereoscope mount poorly designed, presenting a collimation problem.

(6) Undesirable flicker at low intensities, and inconsistent illuminant performance.

(7) Excessive emulsion deposits on rollers.

(8) Small shoulder of the idler spindle wears allowing flange to override the shoulders and ride on the spindle arm.

(9) Full spools (1000' x 9 1/2") are of sufficient weight to release lever on film drive.

b. Air Force.

(1) Film speed knob needs continued adjustment.

(2) Film guides don't work properly.

(3) Motors chatter.

(4) Power supply cord hazardous, electrically and thermally.

(5) Bearings in optics assembly are fragile.

(6) Light flickers at high intensity.

(7) On/off switch for film drive doesn't always work.

(8) Bare wires in underside panel.

(9) Underside latches poorly located.

(10) Auto tension release needed to prevent film breakage.

(11) Drive unit shear pins too easily sheared.

(12) Film scratching on take-up spool.

(13) Interchange of drive motors produces erratic operation.

(14) Bias cord assembly cards failure.

(15) Heat sink board transistor failure.

(16) Focus at high magnification poor.

(17) Bumpers to absorb shocks of carriage in X and Y directions.

(18) Carriage lock system poorly designed.

(19) Control knobs are poorly located.

c. NPIC.

(1) Ring on zoom 240 pod too large.

(2) Clips on pod too soft.

(3) Bearings in the Z direction loose.

(4) Knobs no good.

(5) Surface glass not flat.

(6) Dirt collects between glass and diffuses.

(7) Rollers fly out on film take-up loop.

(8) Lots of gear breakage, need to be redesigned.

(9) Drive transistors give poor service.

(10) Drive on/off switch points easily burned.

(11) Film drive tachometers slip.

(12) Switches and knobs are continually being loosened.

(13) Connection at wall plug poor, can cause fire, shock.

(14) Control knobs poorly located.

d. DIA.

Rejected the table for quality control and design reasons.

e. Army.

Generally endorsed comments of other agencies. Noted that their four tables at Hawaii are down for maintenance and parts.

5. It would appear that several of the factors which contributed to the above comments are poor quality control procedures by the manufacturers and lack of sufficiently detailed maintenance manuals and technical data.

6. The PCT members approved the Third Annual Report of the Procurement Coordinating Team. It will be tabled at the 17 November 1971 meeting of EXRAND.

7. Following items are planned for procurement by PCT members during the next few months:

<u>Item</u>	<u>Contracting Agency</u>
1540 light tables	NPIC
Zoom 240 optics	NPIC
Quick stereo modules	Air Force
Quick copy camera	NPIC
Dual view microstereoscope	NPIC

8. [redacted] announced that there were at present no zoom 70 optics available for distribution. He was given the community requirements for zoom 70 optics should they become available.

1 Atch
Excess Equipment
List from Hill AFB.

List of Serviceable and Repairable Excess Equipment
 Approved For Release 2005/06/23 : CIA-RDP78B05171A000400030033-4
 Airborne and Ground

As of 1 Nov 1971

Mgr Des	FSN	Nomenclature	Model or Type	Quantity
PE	4920 066 3132PK	Test Set		
PE	4920 754 4860PK	Flt Line Analyzer		
PE	4920 886 6644PK	Test Set, Radar CAM		
PE	6675 515 5172PK	Sketch Set Surveying		
PE	6675 925 2981PK	Photo Interp Station		
PE	6675 641 3559PK	Stereoscope		
PH	6720 298 9369	Camera, Still Picture		
PH	6720 298 9285	Camera, Still Picture		
PH	6720 713 2063	Camera, Still Picture		
P7	6730 018 4953PK	Viewer		
P7	6740 115 9802PK	Presoaker		
P7	6740 928 7593	Titler		
P7	6740 850 1958	Presoaker		
PC	6740 291 5503	Processor Unit		
AF	6740 928 5003	Printer		
AF	6740 891 6217	Temp Control		
AF	6740 922 4199	Silver Recovery Unit		
PU	6740 789 1250	Table, Viewing		
AK	6740 841 6015	Processor		
AK	6740 664 6824	Processor		
AK	6740 965 8780	Processor		
PB	6740 123 3839PK	Printer		
PB	6740 727 2752	Printer		
PB	6740 996 6930	Printer		
PB	6740 902 9867	Printer		
PG	6780 610 0629	Copying Kit		