

998125

TID/TAB - 96/66  
26 September 1966

MEMORANDUM FOR THE RECORD

SUBJECT: Trip Report [REDACTED]

25)

1. The purpose of this trip was to run preliminary acceptance tests on the AP-3 Analytical Plotter.
2. The materials used in performing this test were:
  - a. Panoramic photography from Mission GT 64-225 over Phoenix, Arizona.
  - b. Terrestrial photography from the test materials in front of the [REDACTED] building.
3. A relative and preliminary absolute orientation was made on the Panoramic model. While setting up this model, a few errors were discovered in the program. These corrections were made immediately by the [REDACTED] people. The distance routine was checked in both the 5 micron and 1 $\frac{1}{2}$  micron accuracy modes. In both cases, all the distance checked within plus two percent. This we attributed to the lack of true altitude of the aircraft and the lack of aircraft attitude for this 112B Mission.
4. An attempt was made to set up the terrestrial model. Due to the lack of a parallax routine to place in the computer, an analytical parallax solution couldn't be performed for this model. A reiterative method of clearing parallax was attempted, but there wasn't enough time to complete this test. Therefore, this test will be completed when the instrument is set up in NPIC.
5. Delivery of the Anamorphic Optics and the Beaver Ball Screws are behind schedule. These will be retrofit in NPIC instead of delaying delivery of the instrument while awaiting delivery of the Anamorphics and the Ball screws.

Declass Review by NGA.

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6. Upon completion of the evaluation test, [REDACTED] told [REDACTED] to go ahead and ship the AP-3. The tentative pick-up date for shipment to NPIC is 28 September 1966.

[REDACTED]  
Production Section  
Technical Analysis Branch

Distribution:

- Orig. - Chief, NPIC/TID/TAB (Route to C/TID and return)
- 1 - Asst. for P&D, Attn: [REDACTED]
- 1 - Chief, NPIC/TID/TAB/P
- 1 - Chief, NPIC/TID/TAB/P
- 1 - Chief, NPIC/TID/TAB File