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NPIC/TSSG/RED-141-70  
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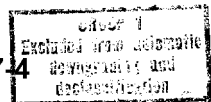
MEMORANDUM FOR THE RECORD

SUBJECT: EXRAND Interim Report on Development of Color Exploitation  
Equipment

1. An interim summary report is necessary since reports have not been received from Navy or CIA.
2. Following is a tabulation of information abstracted from the inputs of the reporting components:
  - a. Army, DIA, Navy (verbal) have no color exploitation development projects in their programs at present.
  - b. RADC
    - (1) Ultrasonic cleaner for color film
    - (2) Identifying EEI's for high alt color (Red Dot overlap)
    - (3) B&W Color comparison
    - (4) Man-made civil and military installations
    - (5) Natural targets-agriculture, trafficability
    - (6) Summary (RADC)
      - (a) Color EEI's
      - (b) Data for NIE's and planning
      - (c) Resource analysis
  - c. NPIC
    - (1) Color Training
      - (a) Literature Review
      - (b) Vocabulary, glossary, color signature description
      - (c) Generic Color PI Task Descriptions - Definition of Training Needs
      - (d) Comprehensive Training Implementation Plan
    - (2) Color Quality Evaluation
    - (3) Color Control Cell - instrumentation
    - (4) Viewing Systems Study
    - (5) Dry color reproduction
    - (6) Wet Processing Color Standards
    - (7) Color Analyzer

Declass Review by  
NIMA/DOD

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3. Major concern at NPIC is for color standardization, definition, comparison, viewing and reporting techniques, and equipment.

4. NRTSC cites a probable rear-projection light source problem in both intensity and illumination. Difficulty in reading data block recorded on color film has also been observed.

[REDACTED]  
NPIC EXRAND representative

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