THIRTY DAY COURSE OUTLINE

STATINTL

1 - General Information

   1.1   Photo Mapping

          Cartographic Photography
          Rectification by Projection
          Other types of Rectification
          Elemental Scanning Rectifier

   1.2   ███████ Photo Rectifier

          General Description (Major Components)
          Electro Optical System
          Program Control System
          Reference Data

   1.3   Scanning Parameters

          Panoramic and Oblique Geometry
          Scan Portioning
          Scanning Functions

   1.4   Operating Procedures

          Film Annotation
          Computation
          Set Up
          Equipment Operator

STATINTL

2 - Functional Description

   2.1   General

   2.2   Electro Optical System

          Flying Spot Scanner
          Resolution
          Exposure and Range
          Accuracy

Declass Review by NIMA/DOD

2 - Functional Description

    2.2   Electro Optical System (continued)

            Scanning Mechanism

                Scan Parameters
                Sweep Control
                Index Actuators
                Lens Drives
                P. M. T. Drive

            Control and Synchronisation

                Sweep Generator
                Video Processing
                Monitoring and Control
                Dodging

    2.3   Control System

            Program Tape

            Program Control

                Tape Reader
                Numerical Register
                Operating Sequence
                      Servos and Actuators
                      Logical Control
                      Clock Control
                Table of Functions

    2.4   Additional Functions

                Power Distribution
                Signal and Control Distribution
                Pneumatic System
                Film Transports
                Tape Transports

3 - Operating Features

    3.1   Film Annotation

    3.2   Computation

    3.3   Set Up

            Equipment Warm Up
            Calibration and Alignment
            Film Loading

    3.4   Equipment Operation

            Start
            Monitoring Operation
            Unloading

    3.5   Operating Maintenance

    3.6   Operating Tools

4 - Installation

            Unpacking
            Installation
            Visual Inspection

5 - Service and Repairs

            Emergency Maintenance
            Preventive Maintenance
            Corrective Maintenance