CONTENTS

LIST OF TABLES page xiv
BIBLIOGRAPHY xv
NOTATION xvi

CHAPTER 1 PERSPECTIVE PRINCIPLES
Photogrammetry, 1. Anharmonic Ratios, 4. The Scheimpflug Condition, 6.

CHAPTER 2 MEASUREMENT OF ANGLES FROM OBLIQUES

CHAPTER 3 PERSPECTIVE GRID AND FOUR-POINT METHODS

CHAPTER 4 MEASUREMENT OF HEIGHT FROM A SINGLE OBLIQUE

CHAPTER 5 VERTICALS: FUNDAMENTAL CONSIDERATIONS OF COVER, PARALLAX AND STEREOSCOPY

CHAPTER 6 PARALLAX AND ELEVATION CALCULATIONS
CONTENTS

CHAPTER 7
RADIAL-LINE TRIANGULATIONS, GRAPHICAL AND MECHANICAL

CHAPTER 8
RECTIFICATION MEANS

CHAPTER 9
SUBDIVISIONS OF AN AIR SURVEY MAPPING OPERATION

CHAPTER 10
PRINCIPLES OF STEREOSCOPIC PLOTTING INSTRUMENTS

CHAPTER 11
THE MULTIPLEX PROJECTOR

APPENDIX 1
STANDARD MAPPING PROCEDURE
ROYAL CANADIAN ENGINEERS

INTRODUCTION, 148.

PROCEDURE IN DETAIL, 148.
2. Interpretation, 149.
   2.0. Introduction. 2.1. Colour Code. 2.2. Interpretation Drill. 2.4. Remaining Interpretation. 2.5. Checks by Interpreter Himself. 2.6. Responsibility.
3. Compilation Drill, 152.
   3.1. Transference of Control. 3.2. Setting up in Rectifier, and transferring detail. 3.3. Joining Strip Blocks, Checking. 3.4. Checking of Compilation. 3.5. Churches. 3.6. Preparation of Pencil Compilation for Camera.
4. Topography, 155.
   4.2. Stereo-compararagraphs. 4.3. Topographic Compilation.
CONTENTS

5. Camera and Helio, Preparation of Blues, 160.
   5.1. Fair-drawing Medium and Scale. 5.2. Ferro-prussiates.
7. Final Photography and First Proof, 164.
   7.1. Camera work. 7.2. Proof. 7.3. Proof-reading and Photo-writing.

PROOF-READING FORMS, 166.
   Form 1, Surround Check to Fair-Drawing. Form 2, Edge Check. Form 3, Surround. Form 4, Detail. Form 5, Contours. Form 6, Water.

APPENDIX 2
MULTIPLEX AND STEREOPHOTOGRAPH: CONSIDERATIONS GOVERNING MINIMUM CONTOUR INTERVAL, 172.

APPENDIX 3
THE SELSHE PLOTTER, 174

INDEX page 177