



## TABLE OF CONTENTS

COVER .....	i
THESIS ENDORSEMENT .....	ii
DECLARATION OF ACADEMIC INTEGRITY.....	iii
ACKNOWLEDGEMENTS .....	iv
TABLE OF CONTENTS.....	v
LIST OF TABLES .....	viii
LIST OF FIGURES .....	x
LIST OF ABBREVIATIONS .....	xii
ABSTRACT.....	xiv
CHAPTER 1 INTRODUCTION .....	1
1.1 Study Background.....	1
1.2 Objectives.....	2
1.3 Limitation.....	2
1.4 Originality .....	3
CHAPTER 2 LITERATURE REVIEW .....	4
2.1 Indonesian Air Transport Situation.....	4
2.1.1 The Role of Airport.....	6
2.1.2 Airport Usage .....	6
2.1.3 Airport Hierarchy .....	7
2.1.4 Airport Class .....	8
2.1.5 Indonesian AirNav .....	8
2.1.6 ASEAN Open Sky .....	10
2.2 East Java Airport System .....	11
2.3 Juanda International Airport .....	13
2.3.1 Overview .....	14
2.3.2 Traffic.....	16
2.4 Abdul Rachman Saleh Airport.....	18



2.4.1 Infrastructure .....	20
2.4.2 Traffic.....	22
2.5 Blimbingsari Airport .....	24
2.5.1 Infrastructure .....	27
2.5.2 Traffic.....	28
2.6 Noto Hadinegoro Airport .....	30
2.6.1 Infrastructure .....	32
2.6.2 Traffic.....	33
2.7 Trunojoyo Airport .....	33
2.7.1 Infrastructure .....	35
2.7.2 Traffic.....	36
2.8 East Java Area .....	37
2.8.1 Surabaya.....	39
2.8.2 Malang .....	40
2.8.3 Banyuwangi .....	41
2.8.4 Jember .....	42
2.8.5 Sumenep.....	43
CHAPTER 3 THEORETICAL BACKGROUND.....	45
3.1 East Java Transport .....	45
3.1.1 Road Transport.....	45
3.1.2 Rail Transport .....	47
3.1.3 Sea Transport .....	48
3.1.4 Air Transport.....	49
3.2 Air Traffic Forecast.....	50
3.2.1 Juanda Air Traffic Forecast.....	50
3.2.2 Abdul Rachman Saleh Air Traffic Forecast.....	51
3.2.3 Blimbingsari Air Traffic Forecast.....	52
3.3 Airport Income Sources .....	53
CHAPTER 4 RESEARCH METHODOLOGY .....	55



4.1 Research Area .....	55
4.2 Research Data.....	55
4.3 Research Process .....	56
CHAPTER 5 ANALYSIS AND DEVELOPMENT STRATEGIES .....	58
5.1 SWOT Analysis .....	58
5.2 Development Options.....	61
5.3 Implications.....	65
5.3.1 Air Traffic Shifting .....	65
5.3.2 Infrastructure Establishment .....	68
5.3.3 Other Recommendations.....	70
5.4 Airport Surface Access .....	70
CHAPTER 6 CONCLUSIONS AND SUGGESTIONS.....	72
6.1 Conclusions .....	72
6.2 Suggestions and Further Research .....	73
REFERENCES.....	74
APPENDICES .....	84
Appendix A Population and Land Area of East Java Region .....	84
Appendix B ATR 72-600 Specification.....	86
Appendix C Infrastructure Budget.....	87