

## DAFTAR ISI

	Halaman
<b>PERNYATAAN ORISINALITAS.....</b>	<b>i</b>
<b>HALAMAN PENGESAHAN.....</b>	<b>ii</b>
<b>KATA PENGANTAR.....</b>	<b>iii</b>
<b>ABSTRAK .....</b>	<b>vi</b>
<b>DAFTAR ISI.....</b>	<b>viii</b>
<b>DAFTAR TABEL .....</b>	<b>xi</b>
<b>DAFTAR GAMBAR.....</b>	<b>xii</b>
<b>DAFTAR LAMPIRAN.....</b>	<b>xvi</b>
<b>BAB I PENDAHULUAN.....</b>	<b>1</b>
1.1 Latar Belakang .....	1
1.2 Rumusan Masalah .....	3
1.3 Tujuan Penelitian.....	4
1.4 Ruang Lingkup.....	4
1.5 Sistematika Penulisan.....	4
<b>BAB II TINJAUAN PUSTAKA.....</b>	<b>6</b>
2.1 Bandar Udara.....	6
2.2 Fasilitas Bandar Udara .....	6
2.2.1 Fasilitas Sisi udara ( <i>Air-Side Area</i> ).....	6
2.2.2 Fasilitas Sisi darat ( <i>Land-Side Area</i> ).....	12
2.3 Karakteristik Pesawat Terbang.....	12
2.3.1 Dimensi Pesawat Terbang.....	12
2.3.2 Berat Pesawat Terbang.....	14
2.3.3 <i>Aeroplane Reference Field Length (ARFL)</i> .....	15
2.4 Kode Referensi Bandar Udara.....	15
2.5 Karakteristik Pesawat Rencana .....	17
2.6 Sistem Parkir Pesawat .....	18
2.7 <i>Ground Support Equipment (GSE)</i> .....	26
2.7.1 <i>GSE Motorize</i> .....	26
2.7.2 <i>GSE non motorize</i> .....	29
2.8 Radius Putar Pesawat .....	31

2.9	<i>Clearance Requirements</i> .....	32
2.10	Marka Pada Apron .....	33
2.10.1	<i>Aircraft Stand</i> .....	35
2.10.2	<i>Lead-in, Turning and Lead-out Lines</i> .....	36
2.10.3	<i>Taxi Lead-in Line Designation</i> .....	37
2.10.4	<i>Pilot Stop Line</i> .....	39
2.10.5	<i>Marshaller Stop Line</i> .....	40
2.10.6	<i>Apron Safety Lines</i> .....	41
2.10.7	<i>Parking Clearance Line</i> .....	42
2.10.8	<i>Aircraft Type Limit Line</i> .....	43
2.10.9	<i>Parking Weight Limit Line</i> .....	44
2.10.10	<i>Equipment Clearance Line</i> .....	44
2.10.11	<i>Equipment Storage Area</i> .....	45
2.10.12	Marka Aerobridge Safety.....	46
2.10.13	<i>No Parking Area</i> .....	47
2.10.14	<i>Equipment Parking Area</i> .....	48
2.10.15	Marka Fuel Hydrant .....	49
2.10.16	Marka Tug Parking Position Lines .....	50
2.10.17	Marka Apron Service Road .....	50
2.10.18	<i>Passenger Path</i> .....	53
2.10.19	Marka Apron Edge .....	54
2.10.20	<i>Boundary of Responsibility Lines</i> .....	55
2.10.21	<i>Typical Apron</i> .....	55
2.11	Studi Terdahulu.....	56
<b>BAB III METODE PENELITIAN .....</b>		<b>59</b>
3.1	Bagan Alir Penelitian .....	59
3.2	Pengumpulan Data .....	60
3.3	Penentuan Pesawat Rencana dan Kode Referensi Bandar Udara .....	60
3.4	Penentuan Sistem Parkir Pesawat dan Kapasitas Apron .....	60
3.5	Pengolahan Data.....	61
3.6	Pembahasan dan Kesimpulan.....	61
<b>BAB IV ANALISIS DATA.....</b>		<b>62</b>
4.1	Informasi Umum Bandar Udara .....	62

4.2	Penentuan Pesawat rencana.....	64
4.3	Penentuan Kode Referensi Bandar Udara .....	64
4.4	Penentuan Sistem Parkir Pesawat.....	65
4.5	Penentuan Kapasitas Apron.....	66
4.6	Penentuan <i>Clearance Requirements</i> .....	67
4.7	Desain Marka Pada Terminal Apron.....	70
4.7.1	Layout Desain Marka Terminal Apron .....	70
4.7.2	Desain Marka <i>Apron Edge</i> .....	76
4.7.3	Desain Marka <i>Taxi Lead-in Line Designation</i> .....	77
4.7.4	Desain Marka <i>Lead-in, Turning and Lead-out Lines</i> .....	78
4.7.5	Desain Marka <i>Marshaller Stop Line</i> .....	79
4.7.6	Desain Marka <i>Apron Safety Lines</i> .....	79
4.7.7	Desain Marka <i>No Parking Area</i> .....	80
4.7.8	Desain Marka <i>Equipment Parking Area</i> .....	81
4.7.9	Desain Marka <i>Aircraft Design Number Designation</i> .....	82
4.7.10	Desain Marka <i>Fuel Hydrant</i> .....	83
4.7.11	Desain Marka <i>Tug Parking Position Lines</i> .....	84
4.7.12	Desain Marka <i>Boundary of Responsibility Line</i> .....	84
4.7.13	Desain Marka <i>Passenger Path</i> .....	85
4.7.14	Desain Marka <i>Service Road</i> .....	86
4.8	Pembahasan .....	87
<b>BAB V KESIMPULAN DAN SARAN .....</b>		<b>90</b>
5.1	Kesimpulan.....	90
5.2	Saran.....	90
<b>DAFTAR PUSTAKA .....</b>		<b>92</b>
<b>LAMPIRAN.....</b>		<b>95</b>