

LIST OF FIGURE

Figure I. 1 Component of Tailboom Helicopter.....	1
Figure I. 2 Average Delay Of Cone Assembly	4
Figure I. 3 Cone Assembly	5
Figure I. 4 Delay of Cone Assembly.....	5
Figure I. 5 Fishbone Diagram	6
Figure II. 1 Types of Kanban	17
Figure II. 2 Supplier Kanban.....	17
Figure II. 3 In Factory Kanban.....	18
Figure II. 4 Production Kanban.....	18
Figure II. 5 Signal Kanban	19
Figure III. 1 Conceptual Model.....	32
Figure III. 2 Systematic problem solving.....	34
Figure IV. 1 Value Stream Mapping.....	40
Figure IV. 2 Material and Information Flow	41
Figure IV. 3 Design of Kanban Card	44
Figure IV. 4 Use Case Diagram	45
Figure IV. 5 Data Flow Diagram	46
Figure IV. 6 Mechanism of Using a Electronic Kanban.....	47
Figure IV. 7 Workstation of Cone Assembly.....	48
Figure IV. 8 Kanban System Mechanism	49
Figure IV. 9 Flow of Requests and Collecting Parts and Components.....	51
Figure IV. 10 Login Interface	52
Figure IV. 11 Dashboard Interface.....	52
Figure IV. 12 Input Product Interface	53
Figure IV. 13 Delete Product Interface	54
Figure IV. 14 Input Component Interface	54
Figure IV. 15 Product List	55
Figure IV. 16 Kanban Board Interface.....	56
Figure IV. 17 Kanban Board Assembly Line Interface	57

Figure IV. 18 Kanban Board Final Assembly Interface 57

Figure IV. 19 Notification Status Interface 58

Figure IV. 20 Report Interface 58

Figure IV. 21 Value Stream Mapping Future State 60

Figure V. 1 Kanban Card 65