

FINAL YEAR PROJECT REPORT



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TABLE OF CONTENTS

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OBJECTIVE

THE WORDS FROM LANDING GEAR OVERHAUL & MAINTENANCE

CHAPTER	PAGE
1. LANDING GEAR	1
1.0 Introduction	
1.1 Function of Landing Gear	
1.2 Time of Landing Gear In B737-400	2
1.3 B737-400 Landing Gear Life Limit	3
2. LANDING GEAR OVERHAUL & REPAIR IN MAS AEROTECHNOLOGY WORKSHOP	6
2.1 MAS Aerotech Landing Gear Workshop Capability	7
2.2 Documentation and References used during carryout Overhaul process in workshop.	8
3. OVERHAUL PROCESSORS	13
3.1 Main Objective of Overhaul	
3.2 Factors which influence Overhaul Interval	
4. CLEANING PROCESSORS	18
Picture 1	28
Picture 2	29
Picture 3	30
Picture 4	31
Picture 5	32
5. INSPECTIONS	33
5.1 Non Destructive Inspection	
5.1.1 MPI (Magnetic Particle Inspection)	
5.1.2 Preparations before the component do the MPI	34
5.1.3 Circular Magnetization	35
5.2 Penetrate Inspection	36
5.2.1 Penetrate Inspection	36
5.2.2 Some of the Landing Gear Component that sends to Penetrate Inspection	37

5.2.3	Preplanning before Penetrate Inspection	37
5.2.4	Inspection	38
5.3	Visual Inspection	39
6.	REPAIR	
6.1	Application of Rework Limits	40
	Picture 1	45
	Picture 2	46
	Picture 3	47
	Picture 4	48
7.	ASSEMBLY	
7.1	Main Landing Gear Shock Strut Assembly	49
7.2	Filling Oil in Stut	50
7.3	Inflate Nitrogen	51
	CONCLUSION & SUGGESTIONS	52
	REFERENCES	53

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LANDING GEAR

1.0 INTRODUCTION

Landing gear designs for aircraft vary from simple, fixed arrangement to very complex retractable systems involving many hundred parts. This report examines the process and the work done in MAS Aerotechnology in maintenance and overhaul of the B737-400 main landing gears.

1.1 Function of the Landing Gears.

The landing gear of an airplane serves a number of very important function and is classified by a number of difference characteristics. It function to support an aircraft during ground maneuvers, dampen vibration, and absorb landing shock.

The landing of an airplane often involves stress far in excess of what may be considered normal, therefore, the landing gear must be constructed and maintained in a manner that provides the strength and reliability needed to meet all probable landing conditions.

Landing gear also to dissipate slowly the pressure energy build-up inside them and prevent the aircraft rebounding into the air.