

LAPORAN PROJEK TAHUN AKHIR
KURSUS DIPLOMA KEJURUTERAAN JENTERA
(KAJIAN) KEJURUTERAAN, I.T.M. SHAH ALAM

DESIGN OF GO-KART

BY

BASHIRUN BIN HARUN

AZIM BIN AZIZ

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Signed

Bashirun Bin Harun
(Student)

Shah Alam, Selangor,

Date : 27/5/86....

Shah Alam, Selangor,

Date : 27/5/86.....

Shah Alam, Selangor,

Date : 27/5/86....

Signed:

Azim Bin Aziz
Student

Approved

Encik Ahmad Suhaimi
(Project Advisor)

Approved

Encik Fakri Shaari
Ketua Kursus
Jabatan KejuruteraanAH ALAM
Jentera, Shah Alam.

Approved

Encik Abdullah Suhaimi
Ketua Kajian
Jabatan Kejuruteraan
Shah Alam. Ketua Kajian
Kajian Kejuruteraan
40150 ITM SHAH ALAM

Preface

Karts are basically four linked with high tensile tubing but although they look simple, a lot of engineering goes into the design of each frame as there is no suspension to speak of and the frame has to be able to take all the twisting and shocks of the road surface without adversely affecting handling. The wheels are either spun aluminum or cast magnesium. And on these are fitted tubed or tubeless tyres made with the same rubber and are of the hydraulic disc type although for some types of racing four wheel disc brakes are fitted. The driver's seat is usually made of fiberglass and is form-fitted. There are only two foot-pedals, the throttle on the right and the brake on the left. The karts is driven by the transmission of power from the engine to the shaft where tyres are fitted to each end. The engine is started by pushing the karts. However there are also engines which are started when the kart is stationery by the present of clutch and moves when the throttle is applied.

(ii)

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We glorify ALLAH and blessing on and salute upon the noble and his companions and those who follow in upholding the course of ISLAM(the ultimate religion).

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Bashirun Bin Harun

Azim Bin Aziz.

TABLE OF CONTENTS

	Page
Preface	i
Acknowledgement	ii
Table of contents.....	iii
Nomenclature	v
Chapter 1	
1.0 Introduction	1
1.1 Engine	2
1.2 Engine design	2
1.3 Checking of engine design	4
1.4 Calculation of bolt and nut for mounting of engine	5
Chapter 2	
2.1 Transmission	6
2.2 Calculation for shaft (subjected to fluctuating load)	7
2.3 Shaft specification for bearing fit	8
2.4 To check for deflection (Due to weight of shaft and torsion)	8
2.5 Design of Keyways	9
2.6 Bearings.....	10
2.7 To specify the bearing	11
Chapter 3	
3.1 Correct Steering	12
3.2 Calculation for correct steering	13
3.3 King pin inclination	14
3.4 Caster	15
3.5 Camber	16
3.6 Front axle (Stub axle)	17
3.7 Calculation for stub axle	18
3.8 Calculation for tracking rod	20
3.9 Calculation for tracking rod bolt and nut	21
Chapter 4	
4.1 Braking system	22
4.2 Foot pedals	22
4.3 Calculation for Brake	23
4.4 Framework	24