	Name Ceepak H Chourasiya
	Roll Moi 77 Year Branch: 7 E/Computer Date:
	Subject: AI Signature: Deepak:
	Experiment Nos- 02
	Asscraft Autolander
	1. Identifying the Problem:
	Autoland describes the system that fully
	automates the lading phase of an arrowall's
	flight, with the human cores superstring
	the process Autoland ses or system which
	performe abstraft landing automatically.
	The authord needs when if the subility
	low because of bad weather.
14	The autholand dystem maker use of
	delibered syntems and components out as
	the autopilet, and components out as
	flight contrals, contrabases, on the
	leading gear and the note wheel
	Alexander.
	a Deac college
	2. PEAS Specification:
	1. Performence Measure:
	To Joseph Co.
- Beale	s. Lack of Samage to plane.
	ii. Lack of mjurier to pastengers or ground
	come or other mount observer
	iti. Cargo remains intact.
	sv. Lends at correct surpost on correct
	runway, coems

0 11



Date:____

2.	Engronment:

In this region is Troposhere. It begins at the Earth's Furface and extends from 6 to 20 km high), and surface of planet earth.

3. Sensors:

9. Cameras.

ii. Altimeter - or altitude meter measures the altitude of an object above a fixed level.

Id works by measuring evir pressure

iii Speedoneter - meanine the speed divertion or possition of the intating engine shaft. Presure differential, makes the pointer on the air speed indicator move.

of an engine typically in restations per minute (KPM).

- grides the armorph the ar craft on the correct glide per It also adjusts air craft heading in order to metch with the menwayis centre

33. Flight Controls - Andopylet leep the state of the sta axis of an arounded, alleron, midder

Throttle lever or Ahmed level - control
the ormand of fuel provided to the engine.

Sets the desped power level.

IV. Flap - reduce the stalling speed Catopping speed of an exist-aft wing, reduce the talcoff distance and landing distance

V. Autothnot - maintain the required thrust by adjusting the fuel flow to the engines during descend