PROJECT PLANNING FORM

Engineering Tripos Part IIB 2020/21

To be submitted to Group Centres by Friday 5 June 2020 at the latest.

Please write clearly	•				
Name of Student .	Samuel Drury			email:	spd38@cam.ac.uk
College Christ's	S Direct	ctor of Studies	Dr Sam Sta	anier	
Project is: Type (a)	/ Type (b) (delete as	appropriate)			
Name of Supervisor	Dr Sam Grimshaw	<i>!</i>			
Short title of project	Ducted Fan Propu	Isors for VTOL	Electric Vehic	les	
Aims of project					
vertical take-off and crucial in achieving. This project aims to of conventional and developed and will will run in parallel of access to the W. Preparatory work for	nd landing (VTOL); mage this improvement. To optimise VTOL per old counter-rotating during labeling to test new with Dr James Taylo hittle Laboratory is refer the long vacation year project reports	rformance by e ucted fan syste designs, alon r's project on e estricted the pr	exploring and usems. A flying te gside theory as e-VTOL propuls	and mining and erstand st-bed had CFD steel sion system as e its foother theory	simulations. The project ems. cus on CFD simulation. y and code
Signature of student	SIm				
Signature of supervi	Son & Ginhan				
Workshop facilities	needed (please tick):				
none O	insignificant	O	signific		(when access to the Whittle Laboratory is possible)
· -	nplicationstal work will be risk a				
IMPORTANT: ple	ase give project referen	nce no. A-SD	G33-2 eg	B-ANO2	2 7 / B-ANO2-type(b)