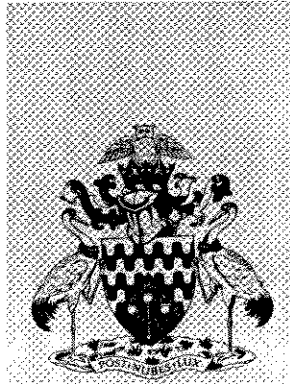


Cranfield

The Cranfield Institute of Technology



This is to certify that

PABLO PITA LEIRA

has on 12 June 1992 been admitted to the
Degree of Master of Science
in Astronautics and Space Engineering
in the College of Aeronautics

Professor

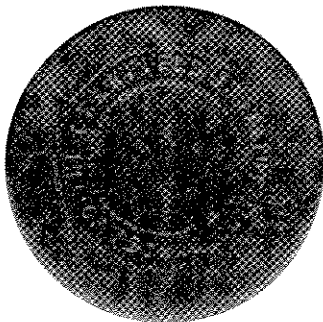
Registrar

Universidad de Cádiz

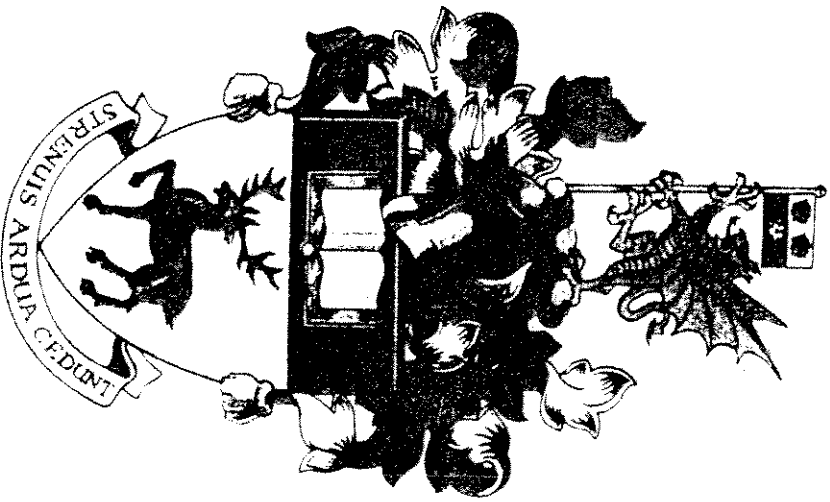
COMPULSADO Y COPIADO

Cádiz, de ... de ... de 1992

El Rector



10



AERONAUTICS & ASTRONAUTICS

Faculty of Engineering and Applied Science
University of Southampton

This is to certify that

.....
P. PITA LEIRA

has attended the

SPACECRAFT SYSTEMS ENGINEERING COURSE

held at Estec, Noordwijk

18 - 22 May 1992

Signed *Graham Swinerd*
Dr Graham Swinerd
Course Organiser