



## HELPFUL HINTS FOR PREPARING THE SYNOPSIS FOR A TRO APPLICATION

The synopsis is a brief or condensed statement giving a general view of the proposed subject. For TRO purposes the subject is engineering design practice.

The synopsis must get across to the Membership Committee who are reviewing your application, that the completed Technical Report has the potential to fulfil the requirements of this application.

### Format of Synopsis

- Background - a brief description of your project - images help a lot don't be afraid to use them
- Rationale for selecting the subject - explain why the project has been chosen, how it will enable you to demonstrate you have the necessary *technical knowledge* of engineering design practice.
- Major challenges faced - clearly set out in bullet points the main technical challenges you faced as an engineer.
- Process and methods of investigation\* - you need to provide relevant narrative that demonstrates compliance with UK SPEC section B at either IEng or CEng whichever is appropriate (ie simulation, FEA, experimental work)

- Engineering design principles employed\* - you need to identify examples that align with UK SPEC section A at either IEng or CEng level whichever is appropriate

#### **Expected outcomes of the work**

- Lessons learned - as professional we need to reflect upon our work so identify what you learnt, or expect to learn, good and bad from the particular project in terms of engineering design practice.

The synopsis need be no more than 500 words, typewritten and double spacing. Being concise and precise is important. Leave the business and management elements to the Professional Review (UK SPEC C, D and E).

\* Remember the project you select is a vehicle for you to demonstrate that you have the underpinning *technical* knowledge equivalent to the academic knowledge which you would have obtained on a Bachelors or Masters course so these two points are the main focus and should use most of the words.