**MIG-108 Dismantling and Re-assembly of a Plummer Block**

Make a sketch of the assembly.

Make a note of any spare parts you think you may need.

What PPE did you require for this task?

What risks were there, and what action did you take prior to completing the job to mitigate them (this means to reduce the risks).

Make a detailed list of the steps that you took to dismantle and reassemble the equipment.

How did you ensure that any parts could be re-assembled in the correct orientation?

Describe the bearing and type of rolling elements.

How would this type of bearing be lubricated?

Describe and name the type of seals within the bearing.

How could the load rating of the bearing be increased?

Comment on the ability of this bearing to withstand ‘thrust’ and suggest on how its capability to withstand thrust could be increased.