In-Class Activity (Machine Design): Artifact Box

Your name:Date	:
Object A: the object is, PLEASE DON'T TELL; allow everyone to actively participate by noticing and discussing various	have their chance to actively learn. You can still
Sketches (overall and/or of interesting features) – spe	
The following questions are meant to help you think questions.	about the object – you do not need to answer all
What material(s) is it made from?	
What does this thing do, and/or what is the purpose	or function of specific features (describe)
Any obvious design criteria the object was designed tolerances/precision, durable, operate in a corrosive example, why do you think it is low cost)?	
What market do you think it was made for: consume	r, testing/laboratory, manufacturing, industry, etc.
How was it made (casting, machined, injection moldi	ng, welding, etc.).
What are some things an engineer may need to undermay be studying or have studied in a class?	rstand or know in order to design it? Anything you
Questions you may have about the object:	