

LOAD

Total Maximum Thrust Load on Cylinder(s): _____ pounds force Number of Cylinders: _____

Maximum Thrust Load on any one Cylinder: _____ pounds force
(Note: load can rarely be assumed to be equal on all cylinders)

TRAVEL

Inches: _____ Orientation: vertical horizontal other (arc, diagonal, etc)

TRAVEL RATE

Optimal Speed: _____ inches/minute

Minimum Acceptable Speed: _____ inches/minute Maximum Acceptable Speed: _____ inches/minute

DUTY CYCLE

Distance per cycle _____ inches (One cycle = extend and retract)

Number of cycles per time period: _____ cycles per

Maximum Distance Traveled in any Year: _____ inches

Life Desired: _____ (Important: If load varies significantly, please explain below.)

OPERATION

Cylinders are Loaded in: Tension Compression Both

Driven Motor type: Servo AC Induction motor Other Type of motor (describe)

APPLICATION

Please briefly describe the application. State type of machine, function of jack(s), load guidance system and environment (shock or impact loading, vibration, temperature extremes, corrosive, dirty, or other extreme operating conditions). Attach any sketches and other relevant information. Also, if a tentative selection has been made, please give the reference number or model and description below.
