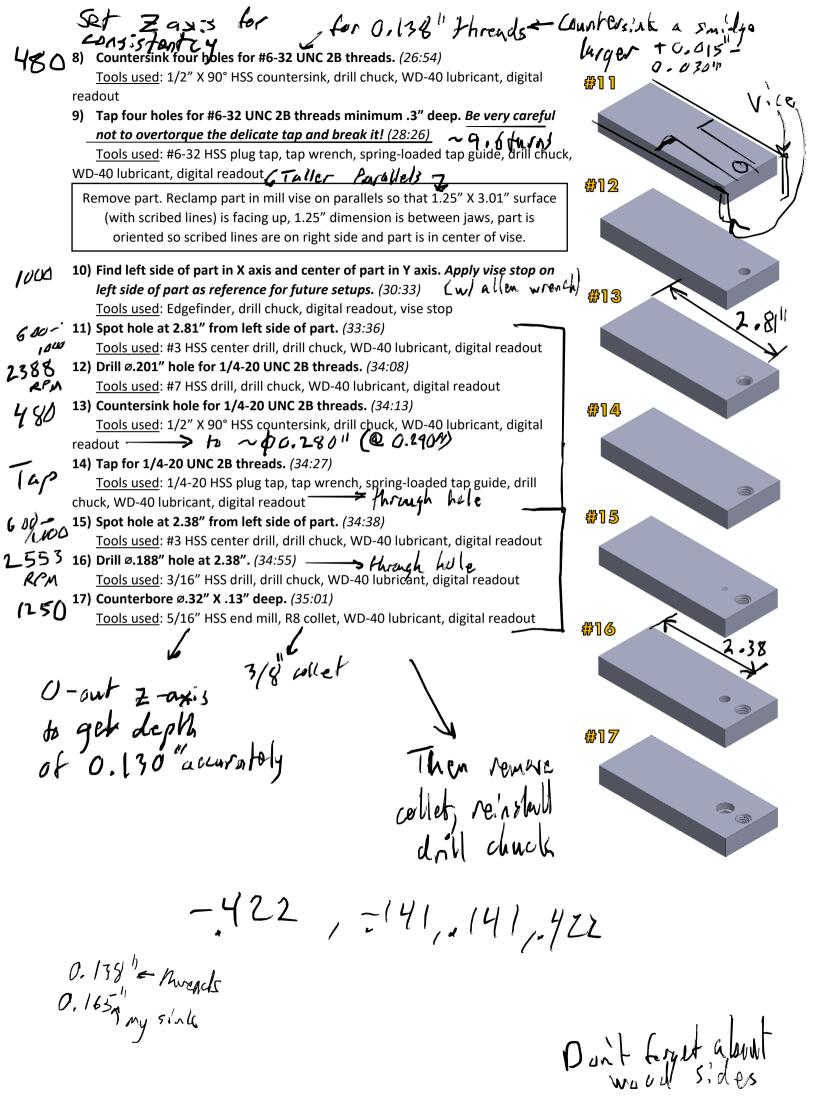
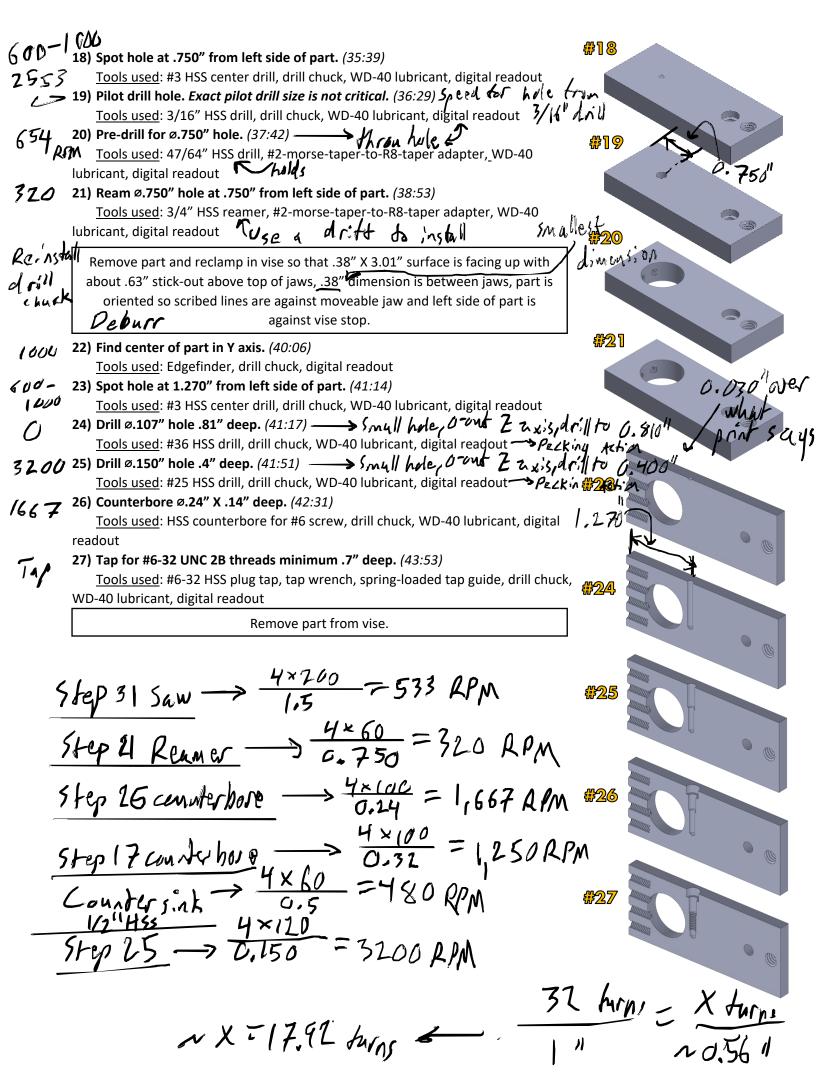
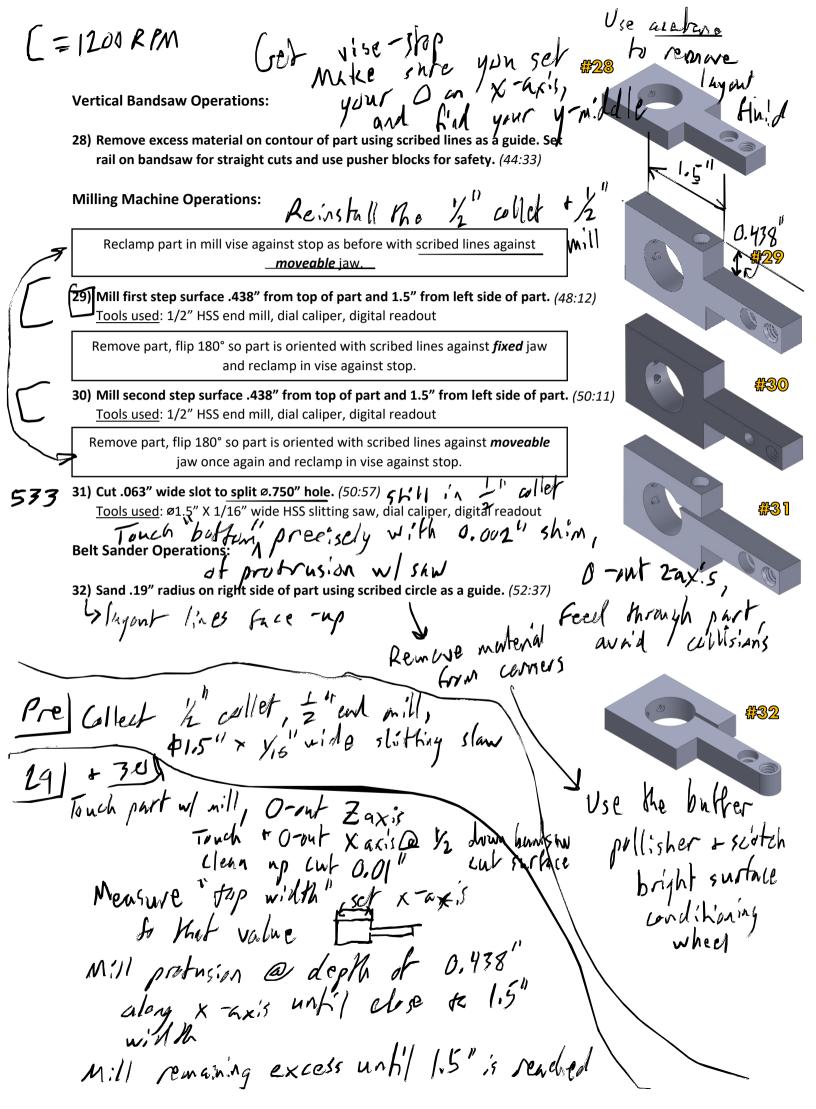
=1200RPM Center = 600-1000 RPM	
Mount Intermediate – Manufacturing Procedure	WATCH THE VIDEO!
1) Cut a piece of .38" X 1.25" 6061-T6 aluminum alloy rectangular bar to a length of	######################################
3.13" on bandsaw. (9:48) Tools used: Combination square	
Conventional - (2) table towards	
Milling Machine Operations: Climbing - I feel fable away	https://youtu.be/FjtUpLt6jsw
Install mill vise on table and ensure it is properly aligned to the table travel.	
Clamp part in vise on parallels with 1.25" stock dimension between jaws and about .5" stick-out on left side of jaws.	
2) Side mill one end to clean. (11:27) Tools used: 6" rule, 1/2" HSS end mill, digital readout Remove part, rotate 180° and reclamp as before. 3) Side mill other end to 3.01" overall length. Use conventional, rather than climb, milling technique for roughing cuts. (12:27) Tools used: 1/2" HSS end mill, dial caliper, digital readout Remove part from vise.	×1
Remove part, rotate 180° and reclamp as before.	de then
3) Side mill other end to 3.01" overall length. Use conventional, rather than	re then sot
climb, milling technique for roughing cuts. (12:27)	c.s 12 port va
Remove part from vise. Layout Operations: Spray w surface plate is for layout and measurement only! It is not for storage or benchwork and must be kept clean! (14:08) Apply Dykem layout fluid to 1.25" X 3.01" top surface plate to scribe lines for outer contour 1.50" from left side of part and .438" from both sides of 1.25"	
Remove part from vise.	
height gauge with scriber and angle plate on top of surface plate to scribe lines for outer contour 1.50" from left side of part and .438" from both sides of 1.25" dimension. Also, scribe crosshair for location of 1/4-20 UNC 2B threaded hole at 2.81" from left side of part and on center of 1.25" dimension. Lightly punch location of 1/4-20 UNC 2B threaded hole using 60° prick punch on workbench. Set dividers to 3/16". Set one point in the small punch mark and the other on the part surface. Swivel the dividers to scribe a 3/8" circle. Tools used: Dykem layout fluid, height gauge with scriber, angle plate, 60° prick punch, 6" ruler, dividers, surface plate Milling Machine Operations: The Scriber Culs Dykem Paint to	mark 2 "How base of
,	
Reclamp part in mill vise so that .38" X 1.25" surface is facing up, .38" dimension is between jaws, part is oriented so scribed lines are against	
moveable jaw and part is in center of vise. Select shortest parallels available.	#8
Find center of part in X and Y axes. (22:06) Segun To Tenter of top	au obs.
Tools used: Edgefinder, drill chuck, digital readout	>~! 446 6
6) Spot four holes for #6-32 UNC 2B threads. (24:25)	
Tools used: #3 HSS center drill, drill chuck, WD-40 lubricant, digital readout Drill Man 7) Drill four Ø.107" holes .40" deep for #6-32 UNC 2B threads. (25:05) O -out 2 9 4	J / 1
Tools used: #36 HSS drill, drill chuck, WD-40 lubricant, digital readout	Then drilly
Steps 8:49 can also go hero for "/sf	day " Full de







1/2" HSS End Mill

1.528