

PRATT & WHITNEY & COMPANY

SUMMARY OF MACHINE TOOL TIMES IN MINUTES PER ENGINE

Single Spindle Drill Press	332
Two Spindle Drill Press	641
Four Spindle Drill Press	837
No. 263 Barnes Drill	1995
Radial Drill	1221
No. 2 Horizontal Mill	825
No. 3 Horizontal Mill	738
No. 3 Vertical Mill	888
No. 2 Vertical Mill (Cam attachment)	60
No. 12 Pratt & Whitney Profiler	45
36' Bullard Vertical Lathe	371
24' Bullard Vertical Lathe	711
Boring Mill	30
Bryant Grinder No. 16-38	379
Bryant Grinder No. 24	352
Abrasive Surface Grinder	30
Norton Grinder	248
Norton Crankpin Grinder	60
Crankpin Lapping	30
Norton Lapping Machine	43
Spot Facing Machine	120
Hanson Whitney Thread Miller	154
Lodge & Shipley 18"	135
Lodge & Shipley 24"	208
P & W Surface Grinder	140
Potter & Johnson Turret Lathe	252
Gisholt Turret Lathe	60

Fay Automatic Lathe	360
Diamond Boring	16
Fellows Shaper Type 2	140
Flexshaft Grinders	664
Special Natco Borer (for valve rockers)	153
Special L & G Drill (for rockers)	153
Special L & G Drill (for spark plugs)	153
Hand miller	13
Crankshaft Lathe	23
Hydraulic Press	64
Balancing Machine	90
Polishing	870

Only Major parts are included

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A considerable amount, say 20%, of extra work on miscellaneous parts, requiring small & medium, turret lathes, mainly, must be added.

For Each NA 16 Aircraft.

Disc grinding	7 hours
Drilling Machines	67 "
Milling Machines	40 "
Turning	68 "

N.B. Times are bare with no allowances for time lost due to changing over jobs etc.