

FIREARMSWOOD PRESS FORMINGMODEL 870, 12-16-20 GAUGE FORE-ENDS

R & D reported that tryout of the three-piece die assembly fitted with hardened steel pivot members was conducted earlier this month.

The problem of die separation during press forming has been eliminated although an out of squareness of the die cover plates was discovered which prevented successful press forming of Fore-ends.

The die assembly is presently in the tool room for corrections and was expected to be ready for tryout this week. However, completion of this work has been temporarily delayed due to the need of higher priority jobs which are temporarily over-burdening their grinding facilities. Work is scheduled to resume as soon as a grinder is available.

Fabrication of the new fixture components for the Onsrud carver is expected to be completed this month.

Fabrication of parts for the Special End Contour machine is expected to be completed in mid July with assembly to be completed by October 1, 1972.

Drawings of the special radii sanding fixture have been issued for fabrication.

SHOTGUNSMODEL 1100, 20 GAUGE LIGHTWEIGHT SHOTGUN

R & D reported that endurance testing of the three Model 1100, 20 gauge lightweight shotguns has stopped at approximately 16,000 rounds on each gun since all three Magazine Tubes are broken. This testing had been done with 75% heavy loads and 25% skeet loads.

Endurance testing was started with two new guns using skeet loads only. These have been tested thru 6,000 rounds each. Head space opened up 0.006" at about 1,000 rounds and has not increased further. Magazine Tubes show no sign of failure. Testing will continue with skeet loads.

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