

TO: KEN SOUCY

FROM: MICHAEL KEENEY

DATE: 04/28/92

TOPIC: APRIL 1992 PROGRESS REPORT

o PROCESS DEVELOPMENT/RESEARCH OF NBAR:

A quote from Ingersoll Gmbh to develop the EDM operation was received on April 23, 1992. The development process would include electrode wear evaluation, cycle time optimization and repeated automatic operation of the process as would occur in a production atmosphere. The blanks will be shipped to Ingersoll by May 15.

Four test receiver blanks have been delivered to the tool room for machining of the locking lugs. Once completed, they will be assembled and subjected to destructive testing. The objective of the tests will be to evaluate the locking mechanism. Testing should begin by June 1, 1992.

A contingent process utilizing a hammer forging operation is under development. The forging operation would produce the external geometry, an undersized smooth bore and the internal locking lug geometry. Although an EDM operation would still be required, the cycle time would be greatly reduced.