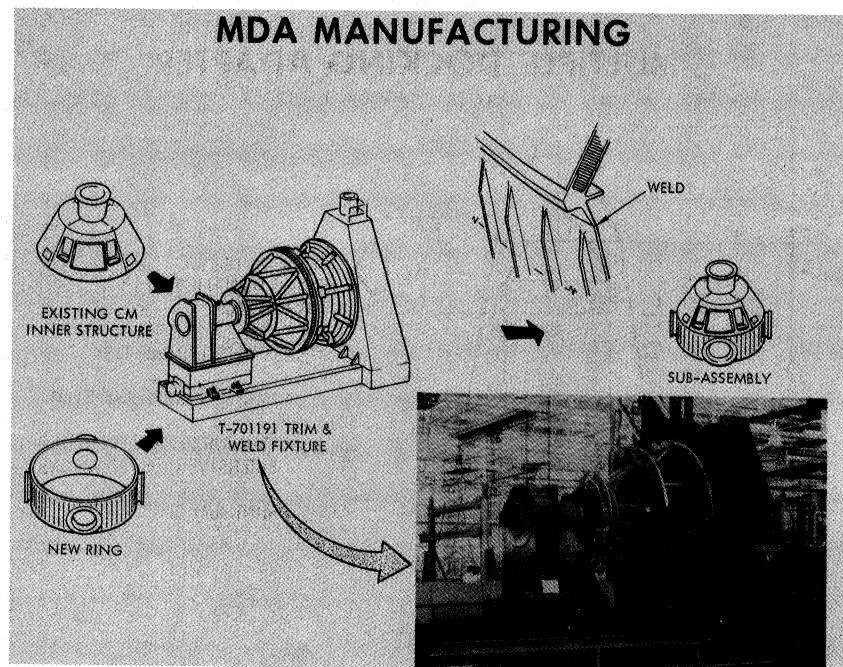


We have recently delivered to the Marshall Space Flight Center a proposal (this is a part which is a North American proposal) for the front end of the multiple-docking adapter to be built by us using all Apollo-qualified hardware to preclude the necessity for expensive and time-consuming development. This proposal is based on taking the same hardware that we designed and have built many times for the Apollo spacecraft and shipping that to the Marshall Space Flight Center for subsequent assembly into the total module (slide 60). This activity would employ some of the existing facilities and the experience of our Apollo personnel. This proposal takes the existing command module inner pressure structure, combines it with a 37-inch-long cylindrical section, and places at four positions around its periphery the standard Apollo docking mechanism—adapter rings, probes, and drogues. The assembly operation would be performed on this existing weld device, which under the Apollo program took us one year to qualify, so it would make full use of a very expensive and very effective piece of machinery. Now, switching to another area I mentioned earlier, we have begun some investigations on our own related to applicability of Apollo ground support equipment, to possible other program needs like those of the Air Force MOL program (slide 61). The kinds of applications that have been examined fall into two basic categories: the use of existing surplus, and I'll qualify the surplus terminology in just a moment, surplus ground support equipment; and the category of using qualified ground support equipment designs and simply building identical copies of these. In the former category,



SLIDE 60. MDA MANUFACTURING