

As a result of the recent efforts to make the [] Chip Comparators operationally acceptable, it became apparent that a number of product improvement changes had to be made in addition to the interferometer modifications being made by [] at their own expense. The required changes for which the Government is obligated to pay for, are of both an overrun and increased scope nature. The recommended changes which are of an overrun nature are:

1. Fabricate new mounting mechanism for improved operation of negator springs.
2. Redesign ^{and modification:} of the curtain assembly for improved operation.
3. Reduced warm up time for inadvertent power turn off.
4. Replacement of name plate on front panel.
5. Update manual of operating procedures to the equipments latest configuration.
6. Update drawings, as provided by the contract, to depict final configuration.

The following tasks are of an increased scope nature:

1. Modification of the head rest structure for improved support.
2. Providing an access cover for ventilation and viewing of the pump assembly and water tanks.
3. Provide access cover in sheet metal covers (skin) for adjustment of X and Y interferometers.

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4. Wiring and placement of specified test points on front panel.

5. Installation of chassis guide rails for protection and easier axis to digitizer chasses.

The above changes are all considered necessary to insure reliable operation of the chip comparators.