Code 5170

1 October 1962



Payload 110 and 130

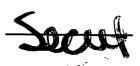
- 1. Payload experiment interface problems have led to this statement of requirements for the experiment of Code 5430:
 - a. Payload 110
 - Band D and C Six antennas oriented on the 36° latitude Length - 5 1/2"
 - D Six filter-detector mounts in the configuration 1"x1/2"x3"
 - C Six filters 1/2"dia. x 6" long Six mounts 5/8"dia. x 3 1/2" long
 - B Four antennas mounted on the equator equally spaced between the elements of the turnstile, each measuring 7" long.

 Six filters, tubular 1/2" dia. x 6" long
 Six mounts, tubular 5/8" dia. x 3 1/2" long.
 - A Two antennas elements mounted at the north and south pole and measuring 14" in length Four filters, tubular 1/2" dia. x 6" long
 Two mounts tubular 5/8" dia. x 3 1/2" long
 - b. Payload 130
 - Band D Symmetrical System of 6 antennas located at the 36 latitudes.

 Length approximately 1 and 1/8 inches long
 Six filter-detector mounts measuring 1" wide 1/2" thick and 3 inches long.
 - B and Consymmetrical system of 4 antennas 6" long located at the equator equidistant between the elements of the turnstile.
 - C Six filters, tubular 1/2" dia. x 6" long
 Six mounts, tubular 5/8" dia. x 3 1/2" long.







- B Six filters, tubular 1/2" dia. x 6" long
- B Six mounts, tubular 5/8" dia. x 3 1/2" long
- A Two polar mounted antennas measuring 14" in length
- A Four filters, tubular 1/2" dia. x 6" long Two mounts, 5/8" dia. x 3 1/2" long

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