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Repeat of 5/2/73 Study of Low Field Orbit Harmonics

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NO .36 Glumberg m & Barton AGS Studies 0001 - 0600 5-SEPT- 73 Orbit Harmonics ~ 0125 actual start of work This effort directed towards repeat of 2-MAY-73 experiment but with more harmonics and horizontal orbit also. 1. Found slight improvement by decreasing cox 90 vertical by 1000 units, and increasing sin 90 by 1000. 2. No improvement in changing 80 or 100. as should be expected, found these n 3 - 4 times less sensitive than 90 corrections. Horizontal 90 corrections not very helpful. Sensitivity comparable to vertical case. Saw a somewhat anamolous situation on honzontal 80 + 100- en both cases sin no much more sensitive than cos no. may indicate an obstruction but data are not sufficiently convincing to point to it. Thes method needs a new computer program which would run automatically and could be parasited on HEP