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Gravity Probe B Relativity Mission

Room Temperature SM Gyroscope Commissioning Tests

GP-B P0272 Rev -A

December 5, 1997

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Room Temperature SM Gyroscope Commissioning Tests

Cleanliness precautions: As per specifications for individual tests.

ESD precautions: As per specifications for individual tests

Preparation: Completion of P0296

Procedure: Successful completion of the following tests and procedures satisfy the room temperature portion of the gyroscope commissioning process:

<u>Test/Procedure</u>	<u>Description</u>
P0111	Room Temperature Gyro Installation and Removal Procedure
P0203	UV Charge Control Commissioning Procedure for SM Gyroscopes (optional if testing completed prior to room temperature commissioning)
P0279	Magnetic Screening of the SM Gyroscopes in the Large Scale Magnetics Testing Facility (optional)
P0299	Procedure for SM Gyroscope Levitation with the DDC Suspension System
P0298	Additional Information on Gyroscope Geometry (optional)
P0307	Confirmation of No Charging of the Gyroscope During Levitation
P0321	Low Spin Speed Tests in R.T 3 or R.T. 4