

VEHICLE DYNAMICS TESTING

JANUARY 28, 1981

10:30 A.M.

A G E N D A

- . Discussion of APC Results
- . Future Testing Requirements and Plans

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APG RESULTS SUMMARY

J-Turns (Loaded)

<u>Speed</u>	<u>Direction</u>	<u>Throttle</u>	<u>Steering Wheel Angle</u>	<u>Results</u>
30	Right	Coast	360°	Outrigger Contact
30	Right	Coast	540°	Outrigger Contact
30	Left	Coast	360°	Inside Front Lift
30	Left	Coast	540°	Inside Front Lift
30	Left	Coast	700°	Inside Front Lift
30	Left	Power	360°	Outrigger Contact

J-Turns (Unloaded)

30	Right	Coast	360°	Inside Front Lift
30	Right	Coast	540°	Inside Front Lift
30	Right	Power	270°	No Lift
30	Right	Power	320°	Both Inside Lifted
30	Right	Power	400°	Outrigger Contact
30	Left	Coast	270°	No Lift
30	Left	Coast	360°	Inside Front Lift
30	Left	Coast	540°	No Lift
30	Left	Power	270°	No Lift
30	Left	Power	360°	Inside Front Lift
30	Left	Power	540°	Inside Front Lift

Ramp Steer Inuit

..60 MPH, 0.6 G, curb, 2 stage spring	Both Inside Lifted
..45 MPH, 0.6 G, curb, single stage spring	Inside Front Lift
..30 MPH, 0.6 G, loaded, single stage spring	Inside Front Lift

NOTES

- Right turn direction consistently worse than left
- Left front tire wear worse than right after same number of tests in each direction

RAT/1-27-82

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