



ENGINEERING TEST CENTER

December 22, 1976

REPORT ON VEHICLE TEST
1976 Camaro 2 Dr. Sedan
Front Material: ABB-912-7X16/17
"Riveted"
Rear Material: ABB-261-1/2
R.O. 2544 Test No.: 76 CAM-26

Objective: To evaluate ABB-912-7X16/17 disc brake material to verify it will pass FMVSS- 105-75 requirements. This being the first FMVSS-105 test run on this vehicle, there will be no comparison made with other materials at this time.

Material: ABB-912-7X16/17 made under W/11801.

Procedure: FMVSS-105A-75 (Abex A-106A).

Preparation: Front disc pads were installed as received, without insulators. Rear segments were riveted onto shoes, then ground .020 inches under drum diameter. New front brake rotors, and rear brake drums were installed for this evaluation.

Conclusion: Based on the attached test data, the 912-7X16/17 front disc brake material with 261-1/2 rear material passes and exceeds the FMVSS 105A government regulation. This material is adequate to be presented for O.E. application as a material that is quiet, giving performance that will qualify for FMVSS 105A.

Discussion: This combination passed all requirements for the FMVSS-105-75 procedure. There were 2 reports of noise, no reports of erratic action. At the conclusion of the test, all material was semi-glazed. Rotors and drums were smooth with some stain and some streaking.

WEAR TABLE:

Average Front Wear	.0337"
Average Front O.B.	.0320"
Average Front I.B.	.0355"
Average Rear Primary	.0061"
Average Rear Secondary	.0131"
Maximum Front O.B.	.044"
Maximum Front I.B.	.060"
Maximum Rear Primary	.013"
Maximum Rear Secondary	.023"

Attached data sheets and graphs give full details.

Harry E. Zibell

/kcl