RESEARCH ORDER
(To be filled in by Division)
HD-62 - 8/66

REQUEST FROM:	DIVISION	DIVISION NO.: LWO2815
C. A. Martin	Friction Products-Sales	DATE: 12-18-86 PRIORITY: A

Objective of Research Program (Including technical performance specifications in detail) X2815

Oshkosh (Rockwell Axles) is searching for suitable non-asbestos material to replace MM8C5 on Tandem Axle Air Force Refueler - Rockwell 16-1/2 x 7 "P" brake. Determine by FMVSS 121 testing, plus 20,50, and 60 MPH post effectiveness, the most suitable of three recommended materials. Based on Dyno test results, Oshkosh wants to start field test by March '87. Timing is urgent!

Signed: *Date:*

Suggested nature of experimental program (Including field test requirements and any manufacturing process limitations.)

Run one FMVSS 121 plus 20, 50, and 60 MPH post effectiveness in the order listed below.

1st test - 1083-7

2nd test - 1083-17

3rd test - 3027-91

Test Parameters

Brake 16-1/2 x 7 "P" (cast shoes)

Rol Rad - 19.7

Whl load - 13000#

Al - 30 x 6-1/2

Note: Discuss results of 1-st test with R. Nelson/R. Boyd before proceeding to 2-nd test. Likewise with 2-nd to 3-rd test. Testing will terminate when acceptable material is found.

Signed: *Date:*

Competitive products or processes (Including pricing or cost data, if applicable)

The following hardware was sent to Mike Roam in 1983 by Rockwell (S. Narayan), which should be used for this test.

Spider - P/N A3211J3780

Shoes (cast) P/N A353722T436

Drums (3) P/N 32194291

Rivets - P/N RV31010 (1/4 x 5/8 long)

T. La Russo to contact R. Boyd if these parts can't be found.

Signed: *Date.*