N6. NO. 37 UNITED STATES GC NMENT Belm Mohenorandum Callaha DATE: 6/2/64 FROM H. Jevons 197 d. SUBJECT: ASSASSINATION OF PRESIDENT JOHN F. KENNEDY, 11/22/63 DALLAS, TEXAS

On 5/12/64, Mr. J. Lee Rankin, General Counsel of the President's Commission, requested by letter that the cartridge cases C6, C7 and C38 recovered from the Texas School Book Depository be examined for loading, chambering, extraction and/or ejection marks. On 5/15/64, Mr. Melvin Eisenberg, staff member, orally requested that the aforementioned cartridge cases as well as the C8 cartridge found in the assassination weapon (C14) be examined to determine if they had been loaded into and extracted from the C14 rifle more than once. Mr. Eisenberg advised that this type of examination was actually meant in Rankin's letter of 5/12/64. As a result of the examinations conducted on these items in the Laboratory the following results were obtained and are set forth below:

Marks were found on the C6 cartridge case indicating that it has been loaded into and extracted from a weapon at least three times. One set of marks was identified as having been made by the magazine follower of the Cl4 rifle. It is pointed out that the extractor and ejector marks on C6 as well as on C7, C8 and C38 did not possess sufficient characteristics for identifying the weapon; which produced them. There are also three sets of marks on the base of this cartridge case which were not found on C7, C8, C38 or any 301 the numerous tests obtained from the Cl4 rifle. It was not possible to determine what produced these marks.

Marks were found on the C7 cartridge case indicating that it has been loaded into and extracted from a weapon at least twice. One set of marks was identified as having been produced by the chamber of the Cl4 rifle and one set of marks was identified as having been produced by contact with the bolt of Cl4; however, it was not possible to determine whether the two sets of marks which were identified were produced by one affective loading operations. in the Cl4 rifle

Enclosure Acret 6-2-64 62=109060:: ;!] , fi 1 - Mr. Belmont - Encl. Mr. Rosen - Encl. Mr. Sullivan - Encl. JUN 11 1864 1 - Mr. Rosen - Encl. I, (Mr.) Malley - Encl. I - Mr. Roge - Encl. ZhOr. CC:KO)(10)

Memorandum to Mr. Conrad Re: ASSASSINATION OF PRESIDENT JOHN F. KENNEDY, 11/22/63 DALLAS, TEXAS 62-109060 62-109060

Two sets of marks were found on the C8 cartridge (found in the Cl4 rifle) which were identified as having been produced by the magazine follower of the Cl4 rifle. Another set of follower marks was found on C8. The fragmentary nature of this set of marks could possibly account for the fact that these marks were not identified with the Cl4 rifle.

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Marks were found on the C38 cartridge case indicating that it had been loaded into and extracted from a weapon at least twice. One set of marks was identified as having been produced by the magazine follower of the Cl4 rifle and one set of marks was identified as having been produced by the chamber the two sets however, it was not possible to determine whether the two sets of marks which were identified were produced by one or two loading operations. In the Cl4 rifle. was identified as having been produced by the chamber of C14;

The results of the above examinations do not preclude the possibility that these items could have been loaded into and extracted from a weapon one or more times when insufficient force was used to produce marks. It is pointed out that if two or more cartridges are loaded into the clip of Cl4, only the bottom cartridge will be marked by the magazine follower.

Dallas is being furnished the results of these examinations.

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RECOMMENDATION: That the attached letter to Mr. J. Lee Rankin be furnished to the Commission.

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