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DL 100-10461

RPG:mja

Under date of December 31, 1963, the FBI Laboratory furnished the following information concerning a microscopic and firearms examination requested by the Dallas Office on December 21, 1963:

Specimens received 12/26/63

Q350 Blue jacket

Results of examination:

Several brown head hairs and head hair clippings were found in the debris removed from the Q350 jacket. These hairs match in microscopic characteristics the previously submitted K7 hair sample of Oswald and originated either from him or from another Caucasian person whose head hairs exhibit the same microscopic characteristics.

It is pointed out that hairs do not possess enough individual microscopic characteristics to be positively identified as originating from a particular person to the exclusion of all others.

Several brown limb hair fragments of Caucasian origin were also found in the debris removed from Q350; however, these hairs did not contain enough microscopic characteristics to be of value for comparison purposes.

None of the textile fibers previously removed from the K1 gun could be associated with the Q350 jacket.

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The jacket, Q350, was microscopically examined and chemically processed to determine if any gunpowder residues were present and no nitrates or nitrites such as would be present in gunpowder residues were found. It is pointed out that the absence of nitrates and nitrites does not necessarily indicate that the jacket was not worn by a person firing a weapon since such residues are not normally deposited on a shooter's clothing.