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Castle

FOR R. C. SMITH'S APPROVAL

400924

JO-163

December 19, 1955

THIS DOCUMENT CONSISTS OF 1 PAGE(S)
NO OF COPIES, SERIES

Headquarters, Task Group 7.4
Kirtland Air Force Base, New Mexico
Attn.: Maj. G. L. Trimble

Dear Major Trimble:

Here are the 40,000 foot winds (direction/speed in knots) for the accepted shot soundings of Operation Castle. What are presented here are taken from what, so far as I can determine, was in each case, the last forecast or observation available before the favorable decision to shoot was made. This, rather than the observed winds at shot time, was taken by me to be the more representative of what you want.

In order of the shots, the 40,000 foot winds were

- 055/39
- 059/20
- 061/34
- 080/38
- 060/50
- 072/41.

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These have an average direction from 066 ± 09° T, with no greater deviation than 14° from the average.

These shot dates are probably known to you, but in any event, the data straddles the projected Cherokee time.

I hope this will be of help.

Sincerely,

L. Sherman

3462

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW	
1ST REVIEWER-DATE: <u>6-17-99</u>	DETERMINATION (CIRCLE NUMBER(S))
AUTHORITY: <u>DAOC/ADDC/DADD</u>	1. CLASSIFICATION RETAINED
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- 1A - G. L. Trimble - Receipt # 147856
- 2A - L. Sherman
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