SECRET 240226Z NOV 72 CITE CHARGE 5982.

PRIORITY WHIG

FROM: GEN ALLEN
TO: GEN BRADBURN
DELIVER 0000 HRS, 6 NOV 72

SUBJECT: LOCATION OF VEHICLE DEBRIS

1. IT IS RECOMMENDED THAT A SEARCH BE MADE OF A NARROW CORRIDOR ONE (1) NAUTICAL MILE TO EITHER SIDE OF A GREAT CIRCLE ARC, WITH A TRUE HEADING OF 324.4 DEGREE AND PASSING THROUGH THE LOCATION OF THE RECOVERED GLASS FRAGMENT. ALONG THIS CORRIDOR IT IS EXPECTED THAT THE APIC, FILM SUPPLY, PRIMARY MIRROR, STEREO MIRROR AND TV'S WILL IMPACT. IT IS ESTIMATED THAT ALL OF THESE ITEMS IMPACTED BETWEEN 40 NAUTICAL MILES UP RANGE (SOUTHERLY) AND 160 NAUTICAL MILES DOWN RANGE (NORTHERLY) OF THE RECOVERED GLASS FRAGMENT. DEBRIS WHICH ARE NOT OF INTEREST FROM A SECURITY STANDPOINT MAY IMPACT OUTSIDE THIS REGION BY UP TO 500 NAUTICAL MILES UP RANGE (SOUTHERLY) AND 160 NAUTICAL MILES DOWN RANGE (NORTHERLY) FROM THE RECOVERED FRAGMENT AND BY SEVERAL MILES IN THE CROSS TRACK DIRECTION.

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2. THE EXPECTED LOCATION OF SOME IMPORTANT ITEMS WHICH ARE EXPECTED TO SURVIVE AND IMPACT WITHIN THE ABOVE DEFINED CORRIDOR ARE AS FOLLOWS:

(ALL DISTANCES ARE REFERENCED TO THE LOCATION OF THE RECOVERED STEREO FRAGMENTS.) THE PRIMARY MIRROR IS ESTIMATED TO BE 28 TO 33 NAUTICAL MILES DOWN RANGE

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(NORTHERLY). THE STEREO MIRROR IS ESTIMATED TO IMPACT 30 TO 40 NAUTICAL MILES DOWN RANGE (NORTHERLY). IF THE MIRRORS FRAGMENTED DURING REENTRY, THEN FRAGMENTS MAY BE LOCATED FROM 40 NAUTICAL MILES UP RANGE (SOUTHERLY) TO 44 NAUTICAL MILES DOWN RANGE (NORTHERLY).

THE RV'S, APTC AND FILM SUPPLY WOULD IMPACT DOWN RANGE (NORTHERLY) AND COULD BE RELATIVELY CLOSE OR AS MUCH AS 70 NAUTICAL MILES FOR THE RV'S, AND 150 NAUTICAL MILES FOR THE APTC OR FILM SUPPLY. REQUEST WE BE INFORMED OF LOCATION AND DESCRIPTION OF ANY OTHER ITEMS DISCOVERED. ADDITIONAL DATA MAY ALLOW US TO REFINISH CORRECT THE ESTIMATES PROVIDED ABOVE.

PORTIONS OF BRIEFING TO BACK UP THESE PROJECTIONS FOLLOW IN CHARGE 5993.

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[Diagram]

HAUDE VIA ESKANDAR
CONTROL SYSTEM
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