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HANDLE VIA BYEMAN CONTROL SYSTEM

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PRIORITY WHIG
GAMBIT

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

SUBJECT: LOCATION OF VEHICLE ^S 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 APTC, FILM SUPPLY, PRIMARY MIRROR, STEREO MIRROR AND RV'S WILL IMPACT. IT IS ESTIMATED THAT ALL OF THESE ITEMS IMPACTED BETWEEN 40 NAUTICAL MILES UP RANGE (SOUTHERLY) AND 160 NAUTICAL MILES DOWNRANGE (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 DOWNRANGE (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 COORIDOR ARE AS FOLLOWS:
(CALL DISTANCES ARE REFERENCED TO THE LOCATION OF THE RECOVERED STEREO FRAGMENTS.) THE PRIMARY MIRROR IS ESTIMATED TO BE 28 TO 33 NAUTICAL MILES DOWNRANGE

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(NORTHERLY). THE STEREO MIRROR IS ESTIMATED TO
IMPACT 38 TO 44 NAUTICAL MILES DOWNRANGE (NORTHERLY). IF
THE MIRRORS FRAGMENTED DURING REENTRY, THEN FRAGMENTS
MAY BE LOCATED FROM 40 NAUTICAL MILES UP RANGE (SOUTHERLY)
TO 44 NAUTICAL MILES DOWNRANGE (NORTHERLY).

THE RV'S, APTC AND FILM SUPPLY WOULD IMPACT
DOWNRANGE (NORTHERLY) AND COULD BE RELATIVELY CLOSE
OR AS MUCH AS 70 NAUTICAL MILES FOR THE RV'S, AND
160 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
REFINE/CORRECT THE ESTIMATES PROVIDED ABOVE.
PORTIONS OF BRIEFING TO BACK UP THESE PROJECTIONS FOLLOW
IN CHARGE 5983.

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