Approved for Release: 2021/03/23 C05133464

Handle via BYERA **Control** System 1305 UK 13

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REF A. MSN 4020

5277

A. 4020

(b)(1)

(b)(3)

- B. SATELLITE DID NOT ACHIEVE ORBIT DUE TO PREMATURE SHUT DOWN OF SUSTAINER ENGINE.
- C. PREDICTED IMPACT: 23.48N. 127.898

D. IMPACT TIME: 12/1909:53Z

E. DUE TO LOW VELOCITY AND ALTITUDE ATTAINED PAY LOAD PROBABLY SURVIVED RE-ENTRY HEATING.

F. PRELIMINARY DATA REPORTED IN REF B WAS CALCULATED BY HAND FROM ONLY AVAILABLE SOURCE OF INFORMATION AT THE TIME, IE, ASCENT TELEMENTRY FROM VANDEMBERG TRACKING STATION. ADDITIONAL INFOR-MATION OBTAINED FROM DOWN RANGE TRACKING AIRCRAFT LOCATED AT 19N. 127W HAS BEEN CORELATED WITH MORE UP DATED VANDENBERG TELEMETRY DATA TO ARRIVE AT ABOVE IMPACT COORDINATES. IT MUST BE CAUTIONED THAT THESE IMPACT CO-ORDINATES ARE THE MOST ACCURATE THAT CAN BE DERIVED FROM WHAT IS BELIEVED TO BE THE MOST VALID SOURCE OF USABLE DATA AND ARE ROUGH APPROXIMATIONS AT BEST. THE DOWN RANGE AIRCRAFT REPORTED SATELLITE BEACON FADE AT A TIME THAT WOULD NOMINALLY PLACE THE SATELLITE WELL NORTH OF THE AIRCRAFT. THIS CORELATES WITH THE COMPUTER SOLUTION, COMPUTING A BALLISTIC TRAJECTORY FROM THIS SOURCE OF INFORMATION WOULD INDICATE AN IMPACT POINT AS REPORTED IN PARAGRAPH C ABOVE. COMPUTATION OF THE BALLISTIC TRAJECTORY CONSIDERED KNOWN FIRST STAGE VELOCITY COMPONENTS AND AGENA BURN TO DEPLETION.

TOPSECRET

CFN1 5279

REGATTA 14 (REVISED)

REF A. USN 4020

5277 8.

A. 4020

B. SATELLITE DID NOT ACHIEVE ORBIT DUE TO PREMATURE SHUT DOWN OF SUSTAINER ENGINE.

(b)(1)

Control System

Approved for Release: 2021/03/23 C05133464

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TOP SECOLT Handle via DYEMAN Control System

C. PREDICTED IMPACT: 23,48N, 127.09W

D. IMPACT TIME: 12/1909:53Z

E. DUE TO LOW VELOCITY AND ALTITUDE ATTAINED PAY LOAD PROBABLY

SURVIVED RE-ENTRY HEATING.

PRELIMINARY DATA REPORTED IN REF B WAS CALCULATED BY HAND FROM ONLY AVAILABLE SOURCE OF INFORMATION AT THE TIME, IE, ASCENT TELEMENTRY FROM VANDENBERG TRACKING STATION. ADDITIONAL INFOR-MATION OBTAINED FROM DOWN RANGE TRACKING AIRCRAFT LOCATED AT 19N, 1274 HAS BEEN CORELATED WITH MORE UP DATED VANDENBERG TELEMETRY DATA TO ARRIVE AT ABOVE IMPACT COORDINATES. IT MUST BE CAUTIONED THAT THESE IMPACT CO-ORDINATES ARE THE MOST ACCURATE THAT CAN BE DERIVED FROM WHAT IS BELIEVED TO BE THE MOST VALID SOURCE OF USABLE DATA AND ARE ROUGH APPROXIMATIONS AT BEST. THE DOWN RANGE AIRCRAFT REPORTED SATELLITE BEACON FADE AT A TIME THAT WOULD NOMINALLY PLACE THE SATELLITE WELL NORTH OF THE AIRCRAFT. THIS CORELATES WITH THE COMPUTER SOLUTION. COMPUTING A BALLISTIC TRAJECTORY FROM THIS SOURCE OF INFORMATION WOULD INDICATE AN IMPACT POINT AS REPORTED IN PARAGRAPH C ABOVE. COMPUTATION OF THE BALLISTIC TRAJECTORY CONSIDERED KNOWN FIRST STAGE VELOCITY COMPONENTS AND AGENA BURN TO DEPLETION

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Handle via dyeliah Control System

Handle via BYENAN Control System

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-T o p s e c r e t 122330Z IMMEDIATE WAHOO WORTH WECEN INFO IMMEDIATE ADIC WHIG CITE 5277 REGATTA-14

(b)(1)(b)(3)

A. 4020

B. SATELLITE DID NOT ACHIEVE ORBIT DUE TO PREMATURE SHUT DOWN OF SUSTAINER ENGINE. SECO OCCURRED AT LIFT OFF PLUS 114 SEC VS PROGRAMMED 273 SEC.

C. PREDICTED IMPACT: 10 TO 15 DEG SOUTH. 139 TO 141 DEG WEST.

D. IMPACT TIME: 12/1911Z APPROX.

E. DUE TO LOW VELOCITY AND ALTITUDE ATTAINED PAY LOAD PROBABLY

SURVIVED RE-ENTRY HEATING.

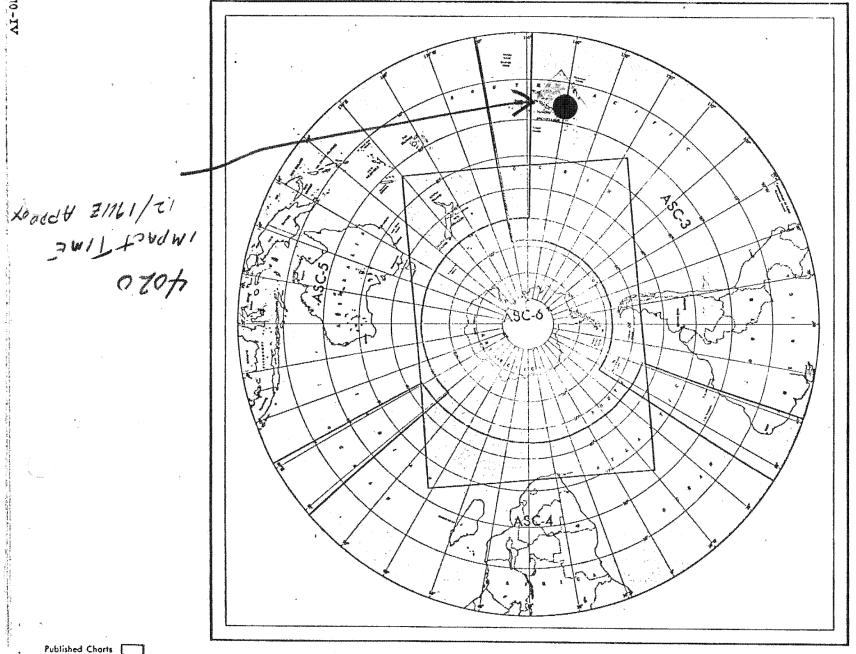
F. COMPREHENSIVE INVESTIGATION IS UNDERWAY AND RESULTANT INFORMATION WILL BE FORWARDED AS VERIFIED. ANTICIPATE MINIMUM OF 12 HOURS BEFORE VALID INFORMATION WILL BE AVAILABLE. MORE EXACT IMPACT COORDINATES WILL BE FORWARDED. AS SOON AS COMPUTED. TOPSECRET

CFN: 5277 14 4820 DID NOT ACHIEVE ORBIT 114 SEC 273 SEC 10 TO 15 DEG SOUTH 139 TO 141 DEG WEST 12/1911Z APPROX 12 HOURS

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Published Charts



CURRENT AS OF 1 MAY 196

Approved for Release: 2021/03/23 C05133464 EMAN CONTROL CHANNELS OF Page 1 of 2 Classification Originator; Mr. Mazza/mhr **1**965 ′13 Jų⁄l⁄y Date: Precedence Addrèssee(s) PRIORITY Action ADIC MANOR WHALE Info: WHIG

ADIC FOR MR. ROTH - PLEASE PASS TO MR. JESSUP AT WHITE HOUSE, MR. HUGHES OR MCAFEE AT STATE. MANOR FOR COL COLE AND MAJ BROTBECK, ALSO COL STEAKLEY OF JRC. WHALE FOR COL GEARY. TO MEMBERS OF INTERDEPARTMENTAL CONTINGENCY PLANNING COMMITTEE.

DUE TO ABNORMAL ASCENT TRAJECTORY, GAMBIT MISSION 4020
FAILED TO ACHIEVE ORBIT. IMPACT OF PAYLOAD, INCLUDING
CAMERA AND NORMALLY RECOVERED FILM CASSETTE (WITH ABLATIVE

HEAT SHIELD ATTACHED) ESTIMATED TO HAVE OCCURRED 12/1911Z

AT 10 TO 15 DEGREE SOUTH AND 139 TO 141 DEGREE WEST, IN

GENERAL AREA BETWEEN FRENCH HELD MARQUESAS ISLANDS AND

TUAMATU ARCHIPELAGO. DUE TO LOW VELOCITY AND ALTITUDE

ATTAINED, PAYLOAD PROBABLY SURVIVED RE-ENTRY HEATING.

Originating Officer

TOP SECRET

BYEMAN CONTROL CHANNELS ONLY

Classification

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Releasing Officer

Continuation Sheet

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Classification

Page 2 of 2

NO SEARCH ACTIVITY HAS BEEN INITIATED AND NONE IS PLANNED. AREA IN QUESTION IS FRENCH RESTRICTED.

Originating Officer:

BYEMAN CONTROL CHANNELS ONLY Classification

-100-310411-

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Releasing Officer: