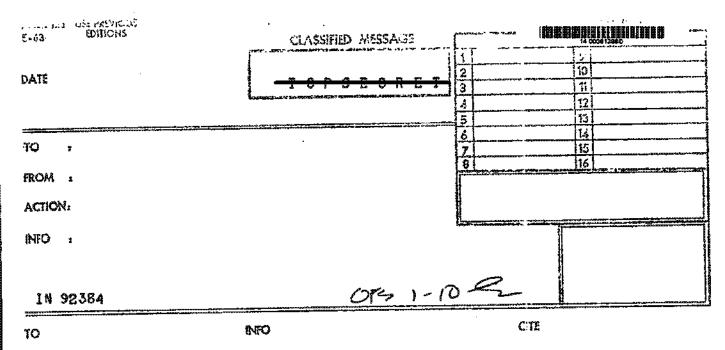
Approved for Release: 2023/10/18 C05147073



TOP SESRET 042051Z CITE BIRD 8242

PRIORITY WAHOO INFO PRIORITY ADIC, CHARGE, MAGIC, WADDY, WHIG

REAGIN-X A. 1043 Bo REF: A

A. BIRD 8012, RADIOMETRIC REQT'S

- B. WAHOO 8265, RADIOMETER CALIB
- C. BIRD 8241, RADIOMETER CALIB

C. SPECIAL ENGINEERING OPERATIONS HAVE BEEN ADDED TO THE 1843
FLIGHT PROGRAM TO ALLOW FOR ACQUISITION OF CERTAIN FIXED AND MOBILE
CORN DISPLAYS. ACTIVATION OF THESE DISPLAYS IS REQUESTED TO EXERCISE
THE MOBILE CORN UNITS IN A COMPARABLE MANNER TO THE 1844 (CR-1)
PLAN, AND TO TAKE BASELINE J-ONE ENGINEERING MATERIAL FOR SYSTEM
COMPARISON, OVER SIMILAR SITES PLANNED FOR J-THREE.

TARGET LOCATIONS AND THE NOMINAL SCHEDULE ARE LISTED BELOW:

D.I. FIXED TARGET ACTIVATION IS REQUESTED AT MECHANICSBURG NAV

DEPOT, PA., WEBSTER NAF, VA., SHAW AFB, S.C., WRIGHT-PATTERSON AFB,

OHIO, INDIAN SPRINGS, NEV., AND PAHRUMP, NEV. ACTIVATION REQUIREMENTS

INCLUDE CLEANING, AND INSTRUMENTATION DURING THE PASS- SERVER S AND DESCRIPTION OF THE PASS- SERVER S AND DES

REPRODUCTION BY OTHER THAN THE ISSUING OFFICE IS PROHIBITED. COM NO.

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D.2. MODILE TARGET DEPLOYMENT IS REQUESTED WITHIN A TEN MILE RADIUS OF THE FOLLOWING LOCATIONS, ONLY ON DAYS SCHEDULED:

44:70 N 75:MAW WATERTOWN, N. Y.

WILLIAMSPORT, PA. 41:28N 76:58W

PHOENIX, ARIZ. 34:00N 112:00W (20 MIL RADIUS)

VICTORVILLE, CALIF. 34:30N 117:15W

MOFFETT WAS, CALIF. 37:25 N 122:05W

MOBILE TARGET ARRAYS SHOULD INCLUDE:

51/51 T-BAR TARGET

IND FT EDGE ANALYSIS TARGET

- GREY SCALE - 8 PANEL PREFERRED

TARGET ORIENTATION SHOULD BE FOR A FLIGHT LINE HEADING OF 170 DEG.

- D.3. RANGE INSTRUMENTATION AT EACH FIXED AND MOBILE SITE SHOULD INCL UDE:
- A. PHOTOMETRIC DATA, USING A WRATTEN 23A OR 21 FILTER, AND A FILM WITH SPECTRAL SENSITIVITY SIMILAR TO KODAK TYPE 3404 OR SO 243. FILM. FILTER. AND EXPOSURE ACTUALLY USED SHOULD BE REPORTED.
- B. TARGET COMPONENT REFLECTANCE, USING THE SPECTRA BRIGHTNESS SPOT METER OR EQUIV.
 - C. CLOUD COVER PHOTOGRAPHY.
- E.I. ACCORDING TO THE NOMINAL FLIGHT PLAN, THESE SITES SHOULD BE ACRUTRED:

REV 3M SHAW AFB, S.C.

REV 46 WRIGHT-PATTERSON AFP, OHIO

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REV 79 PHOENIX, ARIZ.

REV 95 PHOENIX, ARIZ.

REV 111 INDIAN SPRINGS & PAHRUMP, NEV.

REV 127 VICTORVILLE, CALIF.

REV 141 WATERTOWN, N. Y.

REV 157 MECHANICSBURG, PA., WILLIAMSPORT, PA., WEBSTER NAF, VA.

REV 159 MOFFETT NAS, CALIF.

REV 175 MOFFETT NAS, CALTF.

REV 221 SHAW AFB, S.C.

ACTUAL TIME OF DAY FOR THE DISPLAY AND INSTRUMENTATION SHALL BE CABLED ASAP AFTER LAUNCH.

- E.2. IN THE EVENT OF A NON-NOMINAL ORBIT, YOU WILL BE ADVISED ASAP OF ANY REQUIRED MODIFICATION TO THE ABOVE SCHEDULE. IN CASE OF SOLID CLOUD COVER OR STEADY RAIN, THE SITES DO NOT NEED TO BE ACTIVATED.
- F. RADIOMETRIC MEASUREMENTS ARE TO BE MADE IN THE FIELD BY WADDY PERSONNEL, LOCATED AT THE ABOVE PHOENIX TARGET SITE.

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