



SAFSS

ZCZCFTC490/2 12 03 0Z

BT
XXXXX
GUARD 185

SECRET 212013Z FEB 68 CITE CHARGE 0697
WHIG

SECUR

FOR W YOST FROM W. RAWSON
THE FOLLOWING IS A GENERAL OUTLINE OF THE PREPARED STATEMENT OF
ADOLPH THIEL, TRW, TO BE GIVEN TO THE CONGRESSIONAL COMMITTEE
EXAMINING THE EARTH RESOURCES SURVEILLANCE PROGRAM:

- I. CURRENT SPACECRAFT TECHNOLOGY IS ADEQUATE TO SUPPORT THE MIS-
SION.
- II. SENSORS ARE NOT ADEQUATE.
 - A. IMPROVED TECHNOLOGY NEEDED IN:
 1. MULTISPECTRAL IMAGERY
 2. DATA HANDLING
- III. A SUGGESTED PROGRAM DEFINITION WOULD INVOLVE SIX MAJOR FAC-
TORS:
 - A. MEASURE
 1. SEA STATE
 2. SURFACE TEMPERATURES
 3. EXTENT AND HEALTH OF VEGETATION
 4. DENSITY OF TREE TYPES

DISTRIBUTION		
SAFSS	A	I
SS-1		
SS-2		
SS-3		
SS-4		
SS-5		
SS-6		
SS-7		
SS-8		
SS-9		
SAFRD-1		
SAFRD-2		
COMP		
SAFSL		
AFRDR		
RF		
FILE		

PAGE 2 CHARGE 0697 SECRET

5. AIR POLLUTION
6. SNOW COVER
7. LOCATION OF MIGRATORY ANIMALS AND FISH
8. CONCENTRATION OF MINERAL DEPOSITS
- P. SENSORS.
 1. DEVELOP HIGHER RESOLUTION AND LARGER FIELD OF VIEW.
(A CHART DEPICTS A CURRENTLY FEASIBLE SYSTEM SENSOR
HAVING 300 FT. RESOLUTION FOR MULTISPECTRAL IMAGERY.)
- C. VEHICLE DESIGN
 1. SELECTION BASED ON COST EFFECTIVE EVALUATION.
- D. DATA RECEPTION
 1. DEVELOP DATA RELAY FOR WORLD WIDE TRANSMISSION.
- E. DATA FORMATING
 1. IMPROVE DATA MANAGEMENT
- F. DATA DISSEMINATION
 1. TECHNIQUES FOR GETTING INFORMATION TO THE USERS.
- IV. AT PRESENT, AN ECONOMICAL PATTERN FOR DEVELOPMENT MUST BE
FOUND.
AFTER REVIEWING THE ABOVE STATEMENT WHICH WAS PREPARED BY UNCLEARED
PERSONNEL. THE TRW SECURITY OFFICER WAS TOLD TO REVIEW THIEL

PAGE 3 CHARGE 007 U E Approved for Release: 2019/05/02 C05107396
OF HIS SECURITY RESPONSIBILITIES SINCE HE IS BRIEFED ON COVERT
ACTIVITIES. IN PARTICULAR, MR. THIEL WILL BE ENJOINED TO BE ESPEC-
IALLY CAREFUL WHEN ANSWERING QUESTIONS AFTER DELIVERING HIS STATE-
MENT.

NO CHANGES TO THE PREPARED STATEMENT HAVE BEEN RECOMMENDED.

~~SECRET~~

BT

N

N

N