

JOINT MESSAGEFORM		SECURITY CLASSIFICATION			
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<div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block;"> SECRET C-2 </div>					
CLASSIFICATION	MESSAGE	TYPE MSG (Check)	ACCOUNTING SYMBOL	ORIG OR REFERS TO	CLASSIFICATION OF INFORMATION
SECRET	PRIORITY	BOOK <input type="checkbox"/> MULT <input type="checkbox"/> SINGLE <input checked="" type="checkbox"/>			
FROM: AFSSO HQ USAF					SPECIAL INSTRUCTIONS
TO:					
<p>AFSSO FTD WP AFB OHIO</p> <p>INFO: AFSSO AFSC AAFB MD</p> <p>TOP SECRET BIKAR RUFF/THIS IS A ████████ MESSAGE/ HANDLE VIA COMINT-TALENT KEYHOLE CONTROL CHANNELS/ MSG PASS TO TOC'S/ FROM AFYIN ²⁴² /PERSONAL FROM GENERAL THOMAS TO COLONEL CRUIKSHANK/ THIS MESSAGE IN THREE PARTS. PART ONE. SUBJECT IS INVOLVING SOVIET SPACE TRACK NETWORK. DR. BROCKWAY MCWILLAN, UNDER SECRETARY OF THE AIR FORCE WAS RECENTLY BRIEFED BY AFYIN ON THE LARGE RADARS NOW BEING DEPLOYED AT SARY SEAGAN, ANGERSK, MOSCOW AND CHIRCHIK. HE WAS INFORMED THAT WE BELIEVE THAT THE SOVIETS ARE SIMULTANEOUSLY ESTABLISHING A NETWORK AT CHIRCHIK AND A SATELLITE DETECTION AND TRACKING NETWORK. DR. MCWILLAN IS VIBRANTLY CONCERNED</p>					
SIGNED: Major General, USAF Jack E. Thomas			SIGNATURE: JACK E. THOMAS Major General, USAF Assistant Chief of Staff, Intelligence		DATE: TIME: OFFICE: APO

JOINT MESSAGEFORM - CONTINUATION SHEET

SECURITY CLASS: TOP SECRET

FROM:

AFSSO HQ USAF

WITH THE POSSIBLE USE OF THIS SYSTEM IN AN ANTI-SATELLITE ROLE AND REQUESTED THAT A DETAILED ASSESSMENT BE MADE TO DETERMINE THE POTENTIAL THREAT TO U.S. RECONNAISSANCE SATELLITES. IN SUPPORT OF THIS REQUIREMENT WE PLAN TO PRESENT AN INITIAL REPORT (BRIEFING) ON/ABOUT 9 SEPTEMBER 1964, AND A MORE DETAILED REPORT ONE MONTH LATER. REQUEST FTD PROVIDE PRIORITY ANALYTICAL SUPPORT TO THIS EFFORT. SPECIFICALLY REQUEST STUDY OF THE FOLLOWING PROBLEM AREAS: (A) MOSCOW A FRAME - WHAT IS THE INTENDED PRIMARY ROLE OF THE MOSCOW A FRAME? ESTIMATE ITS PROBABLE ELECTRONIC PARAMETERS (FREQUENCY, SCAN PATTERN, COVERAGE, TRACKING ACCURACY, DETECTION CAPABILITY, ETC.). ESTIMATE IOC DATE. (B) LINEAR ARRAYS (SITE 13, ANGORSK) - WHAT IS THE INTENDED PRIMARY ROLE OF THE RADARS NOW BEING CONSTRUCTED AT ANGORSK AND AT SITE 13, SARY SHAGANY? ESTIMATE THEIR PROBABLE ELECTRONIC PARAMETERS (FREQUENCY, SCAN PATTERN, AREA OF COVERAGE, TRACKING ACCURACY, DETECTION CAPABILITY, ETC.). ESTIMATE IOC DATE. (C) TRIADS - WHAT IS THE INTENDED FUNCTION AND USE OF THE TRIADS? ARE THEY PASSIVE (BEACON TRACK) HIGHGAINS? DO THEY REPRESENT AN OUTGROWTH OR EXTENSION OF THE PLAN PLAN NETWORK? IF THEY ARE -

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APPROVAL

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JOINT AIRCRAFT - CONTINUATION SHEET

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SIMILAR TO FLIM FLAM WHY ARE THEY DEPLOYED IN THE PATTERN NOTED? WHAT IS THE FUNCTION/REASON FOR ELEVATING SOME TRIAD SENSORS TO A HEIGHT OF 200 FEET? IF PASSIVE, HOW MIGHT THEY WORK IN CONJUNCTION WITH THE ACTIVE RADAR TRACKING SYSTEM? ESTIMATE ICC FOR THE MOSCOW AND SARY SHAGAN TRIADS. (D) COMMAND AND CONTROL - ASSUMING THAT THE THREE FACILITIES (MOSCOW, SITE 13, ANCARSK) ARE PART OF A SPACE TRACK NETWORK, DESCRIBE A LIKELY METHOD OF OPERATION (TYPE OF DATA PASSED, METHOD OF DATA TRANSMISSION, SUPPORTING FACILITIES, ETC). (E) ANTI-SATELLITE ROLE - DOES THE SYSTEM APPEAR TO BE ORIENTED SPECIFICALLY TOWARD THE ANTI-SATELLITE ROLE OR DOES IT APPEAR TO BE PRIMARILY A DETECTION AND TRACKING FACILITY? WHAT APPEARS TO BE THE PRIOR ALTIMITUDE BAND OF INTEREST? SHOULD ADDITIONAL SITES BE EMPLACED AT OTHER LOCATIONS? IF THE SYSTEM WERE EMPLOYED IN AN ANTI-SATELLITE ROLE IS A FIRST PASS KILL (NUCLEAR, HIGH-NUCLEAR) CAPABILITY LIKELY? IF NOT, HOW MANY MISSILES WOULD BE REQUIRED FOR HIGH CONFIDENCE STALEY CARRIER DIRECT ASCENT AND OTHER REASONABLE INTERCEPT TECHNIQUES. IN ALL ANTI-SATELLITE CALCULATIONS ASSUME THAT THE DISCOVERER IS THE TARGET VEHICLE.

SECRET - CONTINUATION SHEET

AIRSO HQ USAF

PART II. THIS PROJECT HAS BEEN DISCUSSED INFORMALLY WITH SA WILLIAM LARON AND MR. PAUL NELSON DURING THEIR RECENT VISIT TO AFNIN. PART III. REQUEST YOUR INITIAL ANALYSIS BE FORWARDED TO AFNIN HQ AS TO ARRIVE NO LATER THAN 6 SEPTEMBER 1964. FURTHER REQUEST THAT A MORE DETAILED INITIAL REPORT BE PREPARED AND FORWARDED SO AS TO ARRIVE REMINA ABOUT 12 OCTOBER 1964.