

## Cryptome

8 February 2013

[Formatted from email and PDF images.]

A sends:

Is this something you would be interested in publishing? It is a handwritten 51 page notebook about the development of Drones in the US. What makes it so interesting is the man who wrote it, Joseph Hyman Lakritz, is a convicted felon, and as such, is not able to get a security clearance. Also of interest is the recurring references to a man named Mead. I traced the information connected to the mentions of the name, and it is Mead Treadwell, the Lt. Gov of Alaska. The notebook is dated in several places in 2008, at a time when Sarah, the then Governor was out of state running for VP, leaving him in charge of the state. It appears he may have also been profiting from inside information.

In 2008, three classes of drones were in the first testing stage, Scan Eagle, Raven and Wasp. These were still in the early testing stages, so they were still not public knowledge at that time. During the development and testing of the guidance systems, there was a problem with jitter, what an ordinary person would call wobble. It can be compared to spinning a top and as the top slows down, it wobbles instead of staying on a straight line, until it falls. Drones were prone to the same type of problem. Part of the problem was light and radio waves. Light and radio waves travel straight, but the earth is curved, so unless the drone flies higher and higher to receive proper communications to tell it what to do, it cannot operate. Eventually, the drone would get so high, it would be of no use. In order to correct the problem, we needed to come up with a device called a Wave Front Sensor, but none existed, though it was being worked on by the Pentagon.

There is a think tank by the name of Miter. Miter buys technology and perfects it for military use. Out of no where, Joe Lakritz came up with a Wave Front Sensor. He has no background in science, in fact, I wrote all his science papers for him, he was never a pilot and never in the military. He was able at least show the Sensor to Miter. If you read his notes, he didn't even know how to sell it, that is how bad he was with understanding the basics of wave front.

Joe is a felon, convicted in 1956 of robbing a grocery store, Key Food on Avenue J in Brooklyn NY. He also had a Class A Misdemeanor convicted in 1969 or 70 in San Mateo County, Redwood City, CA. In connection to the misdemeanor, he skipped the state and never went to see a probation officer as was required because all but 6 weeks of his 1 year sentence was suspended. When we moved back to California in 1999, he was afraid to do so because he worried about being arrested for the probation violation. He sent someone to the court in San Mateo, and poof, it disappeared. Convictions for that year had not yet been put on the computer system, so it would have been easy to just file the paperwork for it in someone's pocket and discard it. Both of these convictions were found on background checks of him by employers, so I know they existed. He was demoted at jobs for not declaring them on his employment forms.

In order to be present at top secret testing, and more importantly, to be able to talk to test pilots, you have to have a security clearance. With his convictions, Joe cannot get one. Clearances are issued by the person you work for, and that I know, he has no employer and is acting as a go between, so someone in the military is either covering up his record,

or a private party, like a politician, issued a security clearance knowing he couldn't get one on his own.

Enter Mead Treadwell, Lt. Gov of Alaska. Mr. Treadwell is named in a few places in the journal, along with his contact information. I called and verified the phone numbers and who they belong to. One note says to call him at home. In 2008, Treadwell was in charge of the State of Alaska, as Sarah Palin was governor and spent much of the year away from home campaigning for Vice President. She didn't resign until July, 2009.

On page 46 of the journal is a payment to an account at Wells Fargo. The account is noted as HQ at Langley. If you sell the government technology, or if you sell them a product, they pay you, you do not pay them. Even, as a contractor, if you are fined, you pay either the US Dept of the Treasury or The Pentagon, not an account labeled HQ. From notes on other pages, I believe the amount may have been \$20,000 and that was only the 3rd of 4 payments for 2008. The reason I think that is the amount is that Joe drives a car, so I am told, with an MSRP of \$375,000. \$80,000 wouldn't be enough to support his expensive habits (he claimed in court papers to only earn \$1850 per month. At the bottom of the payment information is a note to call Mead Treadwell at home, and I have to assume it is to confirm that a payment was made. Because the account is labeled HQ, it couldn't be a payment to Treadwell, but it had to be something he had to know about or Joe Lakritz wouldn't have included it in the bracket that sets the payment out. The Joe listed on the payment is Col. Joe Skaja, in charge of top secret project development at Langley AFB. Just above the record of the payment is log in information for FAA computers. It was probably used to confirm a good test result on a test flight as FAA has to be apprised of all tests so they can clear civilian aircraft from the area where the tests are to take place.

Hypothesis for payments.

1 - The Wave Front Sensor was actually developed at Langley on Pentagon time with Pentagon money and the developer and Col. Skaja saw the value and decided to sell it to the Pentagon for a tidy sum ( something like that would be worth millions). It would also have had the blessing of a higher up, a General. Records would have to be changed or falsified. There is a conversation Joe Lakritz recorded that sounded like someone was talking to him about making illegal payments to high ranking military.

2 - Skaja was able to make sure Joe got the contract for the Wave Front.

3 - Skaja is the one who gave Joe the security clearance and arranged for his convictions to go away. Take your pick. All would be illegal.

The Air Force Inspector General has copies of the notebook. When I gave them the copies, they never asked the name of the man who wrote the notebook, nor did they issue and investigation file number. From speaking with others, I know that they must issue that number to the person who tells them about waste, fraud or bribery. They must not have any intention of investigating and feel they can cover it up.

I have hidden the notebook and it would take 2 days to get to and back home. I do have PDFs of the entire notebook, which includes notes on hacking. It appears there may have been a hacking into Air Force computers. I have learned to never keep anything like that here with Joe breaking in all the time. When I talked to the Inspector General's office,

they screwed up, so I know they were not serious about even looking into it. They never asked me for Joe's name, though he is the one who is violating security clearances.

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A sends follow-up:

Attached is the first 18 of 51 pages. Along with them are my findings and suppositions on those pages. Admittedly, I had no knowledge of the subject prior to finding the notebook. Not only is it a testament to the amount of information that can freely flow to someone who does not qualify for security clearances, it is also bespeaks of the free flow of information to the investment community so that profits can be had by those who are "insiders". I will continue working on the remaining pages.

[Part 1]

### **The Notes of Joseph Hyman Lakritz On Drone Development**

This notebook was written in 2008 by Joseph Hyman Lakritz. It is in his distinct hand, and I have samples of his handwriting as proof that it is his. It speaks to the development of 3 classes of drones, the 3 now being used over the United States, Scan Eagle, Raven and Wasp. It also indicates that the intent in the development was for use over the US as well as other countries.

As a means of background, Joseph Hyman Lakritz was convicted of felony robbery in or about 1956 in Brooklyn, NY. He worked at Key Food on Ave J and waited with a friend until closing, hiding in the basement, and proceeded to rob the store of the days receipts. He was caught and found guilty. In about 1965, he lost his right to drive in California after an uninsured accident. He was suspected of drunken driving, but it took too long to administer the Breathalyzer test, and he squeaked by on that charge. After the accident, he returned to his home in Brooklyn, acquired a New York license and returned to California. He was caught driving in San Mateo County in Dec, 1968 or 69 and found guilty of a Class A Misdemeanor in the Redwood City Court. He was fined \$480 and given 1 year in jail. The sentence was suspended to 6 weeks with the remainder of the year to be under the supervision of a probation officer in late Jan. of 69 or 70. Within 1 week of being released from jail, he returned to Brooklyn, refusing to spend a year of his life reporting to a probation officer. In 1993, as head of Institutional Options Sales and Trading, he was fired from Oppenheimer and Co. for insider trading and blackballed from employment in Wall Street for 5 years. He was running ahead of orders. Oppenheimer did not report or prosecute the infraction of rules; it would have left them open to law suits that may have resulted in settlements in the millions. I never knew what happened to the gains from those illegal trades. He has made sure to again friend his ex-boss who fired him on Face Book. In 2004, he was fired from City National Beverly Hills security division for anger problems with superiors.

In addition to his arrests, 2 separate background checks conducted 1 year apart turned up an alias of James A Cavanaugh with an address in New Jersey. It is my feeling that, because he had access to costumer files he may have taken the birth certificate of a deceased client while in the employ of AG Edwards. I attempted to track down the date of death for Mr. Cavanaugh, but was not successful. The use of the alias appears to have first surfaced in 1978 when they did not stamp birth certificates as deceased. He could have used this for insider trading, running ahead of orders. I was also able to trace a

secret account at a firm that was later purchased by Pershing, FiServe. Joe had worked with Pershing at several firms. They did the clearance functions for the firms he worked for, the same relationship FiServe had prior to purchase of the firm. I have a letter from the Legal Officer at City National confirming Joe transferred money to FiServe.

One, little own, all of these problems would have precluded him from getting a security clearance with the US Government or with a defense contractor, yet it appears he does have some sort of clearance, given that the journal notes several conversations about the development of drones and that he had access to drone test pilots and even appears to have had a conversation about bribes and wrong doing on the part of military personnel. He also appears to have had free access to one Mead Treadwell, including his home phone number.

Mr. Treadwell, and I did confirm that the information listed for him is indeed his contact information, was the Lt. Governor of Alaska in 2008, as he is again today. He was in charge of the state in the absence of Sarah Palin while she was running for Vice President much of that year. Joseph never mentioned Mr. Treadwell in the past, though he had mentioned Bill Richardson on a few occasions.

I have made at least 4 attempts to get this information to the correct hands. The FBI said it wasn't important and just mail them the original. I know enough not to send an original through the mails. Once in their hands, it could get lost or destroyed. I was told by both Homeland (ICE) and the Coast Guard that it wasn't in their departments, but they also cautioned me to destroy any copies I had made of it while not directing me to the proper department. I contacted the Federal Whistle Blowers office, who said it wasn't in their domain, but finally told me to contact the Inspector General of the Air Force, which I did.

Several days after contacting them I was contacted by a Carla Sanders who had me send her copies of the notebook via email. 2 things struck me to make me think they will do nothing with it. 1) She never asked me the name of the author and 2) she never gave me a case number. Having dealt with both the Coast Guard and with the Whistle Blowers Office, I know that the case number is always given to anyone who reports fraud, waste or corruption if you furnish them with your name. Carla Sanders did not do that, leading me to believe that nothing will be done to investigate how and who arranged for Joseph to get clearance to speak to high level people about a secret program, who gave him a password to FAA and Air Force computers, how he could have access to specific flight paths over major cities (he was not a pilot, was never in the military, and I was advised by private pilots that all flight plans are filed at the airport of departure just prior to takeoff, not via computer) and how he was allowed to speak with test pilots.

I am willing to take any type of test, lie detector or the more advanced and touted to be twice as accurate, fMRI. The only manner in which I have altered the original notebook was to number the pages. These numbers appear in the upper right hand corner of each page and are circled. I found it necessary to do this to assure I did not leave any out during the process of copying. Where I must draw conclusions, I will try to clearly state it as such.

MAGS 541 386 1747 x 213

(1)

(1) MULTI SPECTRAL CAPABILITY  
WHITE LIGHT

MAGNITUDE MODULATION TWEAKING

(2) AMPLITUDE MADS AMPLITUDE  
JITTER

MAG INFO STRONGER ~~WEAKER~~ SAME  
MIRROR

BURIED IN TASKS JUST BELOW SERVICES

TTP → WFE

INCOHERENT VS COHERENT

ASSUMED FIDELITY

MAGN

ARBITRARY ABERRATIONS ?

DEEPEST LEVEL

FUNDAMENTAL

ZERNIKE ?

HOW TO HANDLE

DISTORTION DESCRIBE RESULT

SPATIAL

HIGHER FREQ

ZERNIKE POLYNOMIALS

WHY DIRECT CORRELATIONS AND

WOBBLES OF DISK

DEF

ASTIGMATISM

WITH CAVEAT SNR

ELWOOD

703 808 4012

This is obviously not the first notebook in what must have been a series of notes.

Mains- Jeff Mains, President & CEO, Advanced Navigation and Positioning Corp, Hood River, OR.

Jitter is a problem that appears to be similar to wobble. A drone is not accurate when jitter is a problem. It can go way off course or cause a bomb to hit the wrong target, as has happened. They were aware of the problem in 2008 and attempting to decide if it was a single occurrence or if it was inherent in the drone systems. I believe the problem still exists on a more limited basis from news reports of wrong targets being hit. There is another explanation for wrong targets being hit that is touched on further in the notebook, and I will call that to your attention.

Joseph Lakritz did not do well in science classes. I wrote most of his science papers for him in college, so I cant imagine his developing a navigational instrument as complex as what would be needed for a drone.

Ellwood -- Wayne Ellwood, Chief, Research and Development, Canadian Coast Guard. I believe this to be his home number. I called the number very early in the morning and a woman answered.

MORE MIRRORS LESS DEGREES OF FREEDOM (2)

ULTIMATELY DEAL WITH

2 USES

- (1) TEMPORAL BASED VIBRATION STRUCTURAL MODES
- (2) SETTLE TIME ISSUES HELT
- GREATLY SHORTEN (1) TO WEAR ACQUATIA
- (2) AFTER TAG FACT

BELL RINGING

NOISE CANCELING MICROPHONE

IMPORTANCE OF SYMMETRICAL IF MECHANICAL MODES ARE SYMMETRIC

CHECK

HARMONIC BELOW FRAME RATE OF MIRROR

DIFFERENT JITTER BANDWIDTH

OVERSAMPLING IMAGE LARGELY

WHERE WE ARE TRYING TO

DEAL W THAT

UNLESS MOUNT ST. HELENS

STABILITY IN SCENE

MOTION IS NOISE

QUANTIFY CORRELATIONS

COMMON OBJECTS AND

NOISE REDUCTION

SIGNAL ENHANCEMENTS

FRAME SIZE / FRAMES MOTION

2 PIECES

NET MOTION OF SCENE

EDGE EFFECTS

This shows that Joe was getting information on the systems of drones. Not only was he privy to the fact that they were in development, but to which fixes for the jitter would not work. OPINION -- It could be compared to someone telling you in 1944 that a stick of dynamite wouldnt set off an atom reaction when no one was supposed to even know about an atom bomb.

I believe this to be a discussion of wave front. Waves, both light and sound, travel in straight lines, but the earth is curved. In addition, environment, such as extreme heat can affect instruments and a pilots ability to discern distance. Wave front, or my simplified understanding of it, relates to the distance a wave can travel and still be accurate in guiding a vehicle. There comes a point at which the curvature of the earth and environmental conditions interferes with both visual transitions to pilots thousands of miles away and computer issued commands to the drone as it approaches a target. To overcome such conditions, a device known as a Wave Front Sensor to alert pilots that the conditions are affecting performance. The US Government had been working on such a device.



3

ASSUMING WE THE SCENES  
RADIANT BLUE SCENES

DESERT

MOTION

UNIVERSAL SIGA LOW SNR

MISTY LOW CONTRAST

TEMPORAL PD VS OTHER

M  
WFE

ADOBE 1118-1297-2193-9176-8137-3700

8 AM MONDAY JIM BARRE

FAX: 518 798 3152

BRENDA WISHART 413 530 7408

JUL 18

FORMAT MP4 ? AVI, MPEG

ORTHO REC

KAVI JPEG,

ANSWERS REALCON a.b.c. JPEG

LOCATION: DESCRIPTION

L-1 JOAN ISHAM

DIGIMARC  
WEB CAST

I could not find a match for the Adobe PDF.

MPEG 4 is the file format that was used in the project.

The phone numbers go directly to the people, so there was no way to determine which company they are for.

4

SEP 11

ETHERNET STP  
 ITU 8261  
 62  
 63  
 64 DISTRIB OF TIMING 2008

IEEE 1588 PTP

IETF ~~TIC~~ TOC NTP V4 IETF PTP

SSM SINGLE SOURCE MULTICAST

SONNET SDH

FREE RECOVERY IS INDEPENDENT OF  
 TRAFFIC PAYLOAD  
 ETHERNET PACKETS ALWAYS ASYNCHRON

SSM NEW PROTOCOL

ESMC ETH SYNCH MESSAGE CHANNEL

ACR ADAPTIVE CLOCK RECOVERY

AREA VARIANCE MTR, TDEV

JITTER + WANDER

DIFFERENT TERMS

NO WAY TO DEFINE PACKET NETWORK  
 IN TERMS OF STABILITY

I showed this page and page 5 to 3 people. 2 had degrees in computer science and one was my friendly neighborhood hacker. All 3 agreed it was an attempt at hacking into a secure cloud network. I of the educated ones said the hole has been closed and it would not work today.

NOTE Mr. Lakritz has a son, Maxwell. Maxwell is into gaming and has hacked my computer at least twice that I know of using programs he installed on my computer while in my home. I found both of them and deleted them. I found the notebook when he confessed to having broken into my home and living here when I was out of the country. He was in jail when I returned, but there were 6 strangers in my home, all drug addicts. The police in James City County have repeatedly denied anyone was living in my home, and that I did all the damage to my home myself. This despite the fact that numerous neighbors witnessed what was going on.

Maxwell is said to be on drugs, and I have found the evidence of it as well. Because he was in jail, when the others fled, they did not take his things, only their own. He was given 90 days to pick the things up, but did not do it, so I packed it up for disposal. Among his things was a green cloth zippered binder. Inside the binder were two applications for life insurance preprinted in my name, a piece of paper with my signature traced twice, some loose graph paper and the notebook. I did not pay attention to the notebook at first, worrying more about the life insurance forms.

9-18-08 Long Sync WS  
PTP PACKET  
Two way time transfer

(5)

NO STANDARD CLOCK RECOVERY  
ALGORITHM

MONITORING ~ MEASURING

PTP SMALL NUMBER > BOTH ASSUME  
NTP SYMMETRY

EPOC

.5 MICRO SECOND WIMAX OVER NETWORK  
MOBILE TIMING EQUIPMENT  
CONCENTRATES ON PHASE

HOWARD MAC EWEEN (C) 703 927-7172  
808 6273

BECKY NEWBORN 4363

PASSWORD RE PROUREMENT

VAA @ 1007 W 3rd Ave  
83. 0530

TYLER 9-8-08  
ANDY CULBERSON

DEPPE

ZT NEW GUY BRENT RILEY

BRINDA, INTEL ~~BY~~ JAY EMANUEL

ATHROS DRIVER 80211 N LINEX DOESN'T WORK

More of what may have been a hacking attempt, followed by the notation password AF Procurement. AF is Air Force. This is followed by an email address. That email address is located in the same building as the office of Mead Treadwell, Lt. Gov of Alaska. I cant be sure, but the numbers below the email address may be the password for the Air Force computer.

Howard MacEwen

This sounds pretty harmless, unless you are into space weapons and drone warfare.

SEE WG, October, Space Environmental Effects Working Group

Dr. Howard MacEwen

703-808-6273

80211 n is a wireless home router. It could be referring to needing specific devices in order to have access to certain computer systems

(6)

STRAT ADVOCACY MAJ JAMIE SILENCE  
G-8 15 JIMMY COLASKO

TEST ROCKET PROPOSAL

TPDO JAY MERKLE, JOE PALERMO  
ARBUCKLE (NASA)

FRED KLEIBERGER AGC CEO

ANPC 800.228.1857 x246

SWARMING UAVS NAVY DEBORAH FUREY

L-3 MIKE ANDREWS 703.236.7410

NRO SECURITY (NSA) ERIN UPCAURCH ~~703~~  
BRIDGEY 5914

JOHN BERG 310.336.2466  
EDDIE EMILE 310.653.3680

ROB MORGENSTERN MITRE 703.983.7846

HART

HETER AIRBORNE RECCE TEAM

RAVEN

WASP

SCAN EAGLE

JEFF MAINS 541.386.1747 x213

BILL CANDA 303.971.3537

DAVID. ~~SE~~ SEAGER

I could not trace Major Jamie Sillence nor GS 15 Jimmy Colfsky. A GS 15 is the highest government pay grade making between \$99,000 and \$130,000 per year, but well below what can be made in private industry for someone of such high rank. In private industry, he would be compared to the most Sr. VP of a company, making in the millions. Was Joe telling them to start advocacy for one device over another? Government employees are not supposed to act as lobbyists.

We also encounter the names of 3 people who work for NASA. The note TPDO is wrong. It is JPTO. Yes, Joe does make errors, though he is loath to admitting them. There are also the names of 3 people at NASA, Jay Merkle is a Chief Architect, Joint Planning and Development Office. The other 2 names could not be narrowed down. Fred Kleibecker the CEO of AGC, a provider of Internet security. He has since moved on to a new endeavor but still dealing in defense work.

ANPC is Advanced Navigational and Positioning Corporation out of Hood River Ore.

Debra Furey was a Research Navel Architect, US Navy.

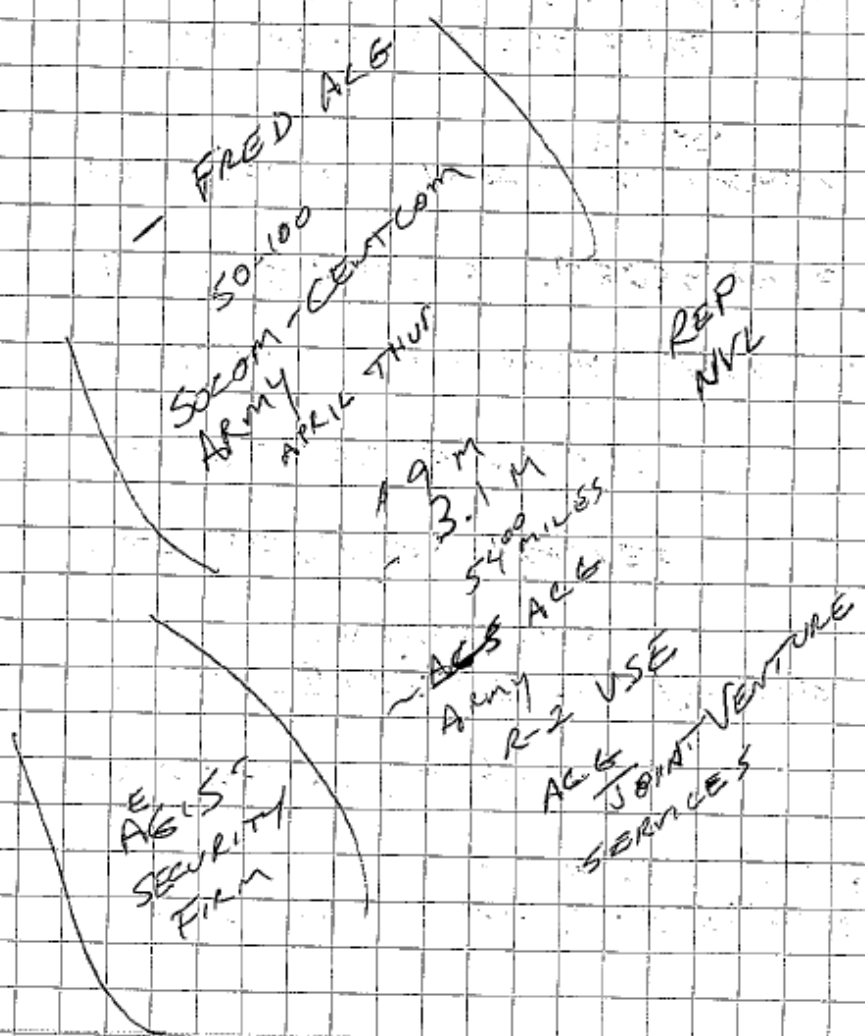
Mike Andrews L-3 Communications- Research

NRO- National Security Agency, Department of Defense.

The most important thing on this page is at the very bottom. The three names, Raven, Wasp and Scan Eagle. Those are the names of the drones used here in Hampton Roads to train drone pilots. This notebook is dated 2008 and it was only on Jan 3, 2013, this year, that the names of the drones were made public locally. This notebook was written 4 years ago, so how did Joe get the names ScanEagle, Wasp and Raven, the names of the drones that are used to train drone pilots?



(7)



I have come to realize that when Joe writes on the reverse side of a page, it is because it is information he wants to stand out so he can find it quickly. This is one of those pages.

There are 2 things I can think of that these figures mean:

An end cost, or the cost to the taxpayer for a good or a service and the actual cost to produce, leaving a profit of almost double the actual cost to produce. It would be something akin to the \$100 toilet seat.

Or, the 3.1 million is the cost to purchase a company. If there are contracts directed towards the company by the US Military worth 9 million, there would be a 5.9 million immediate profit.

It is interesting that there is also the notation of 50-100 Socom-Centcom. It is located at MacDill AFB near Tampa FL. So Com is the Southern Command and Cent Com is Central Command. There are thousands of troops based at MacDill, so the number of 50 to 100 cannot be a reference to the number of people. Nor can it be the number of drones based at MacDill, that number would be a solid number. Is it the amount that is paid for something? It would be too small for a military contract when there is a notation in the millions. These are the people that are investigating General Allen's dalliances and who have gotten the FBI agent involved in uncovering the Allen mess suspended from normal duty. In plain language, you don't screw with the military or with the brass.

**ACG JOINT VENTURE WAS A RUSSIAN OWNED COMPANY until 2011,** 3 years after this was written. Why did Joe have connections to a Russian company when having security clearance, or at least acting as if he had, with the US Government? This is the second foreign connection to him, and I know of at least one more mentioned in the notebook. This would indicate to me that there was interest in the Russians having a financial position in our drone program, allowing them access to information on it. The Russian Mafia is supposed to be very active in Hampton Roads, and many of their fronts, I gather from media reports, are financial firms. It is also possible that it was a CIA owned firm, formed for the same reason in reverse, to spy on the Russians. The CIA has their training facility here in Williamsburg.

(8)

LAURA HARTMAN GPS NAVWAK J8 SCUTOR

MIKE McCORMACK SBC 703569 2111

MICHAEL FAGELS DARPA

RICHARD T. CERVISI @ BOEING.COM

WILSON FELDER 609 485 6641 TELGA

JEFF MIDDLEMAN MITRE 703 298 7833

DAN STAPLETON MITRE  
JAYS MIT

63 JIM LUCKY LONNIE'S BOSS

NRO  
ASST

RE: NEWBERRY JULY 16

MARCUS SCHULTHESS 703 488 4806

BILL WEBSTER PMA 2PM

RICHARD BERG 4<sup>TH</sup> F08

① NETWORK XCO GEOFF

② OMNI PATH RESISTENCE TRENT

③ SELF IMPROVING COM HUGH

④

67-68-

DUSTIN MOORE

MEMS

FIENUP

MARRIOTT 8242 4294

BOB FLINT 703 906 5987 (M)

Lots of names and phone contact numbers.

Mitre is a think tank run by the government to purchase technology useful to the military.

As he makes notes of names of women, I have to assume he was using women who were assistants to gain information. Their names reoccur obviously connected to social situations. This is not a new tactic, and if he had security clearance, they would not be worried about divulging information.

9

BILL CANDA  
COOKIE 571.243.8239

- ① VISIBILITY SKETCHY
  - ② DATA MARK MISTAKE
  - ③ BOARDS YOU'RE EATING COST
- BOB FERRIS  
ADVISORY

ALASKA AEROSPACE  
DEVEL CORP

☐ CALL PM PAUL MEYER

GLOBAL HAWK MISSION PLANNER  
PILOT

RSTS ~

DUSTIN MOORE SANDERS  
503 780 2721

BOUNDRY

ROBBIE MARTIN  
SCOTT RADER

- CARL JOHNSON

JIM  
9AM STUDENTS 585 275 8009  
NDA U OF R NDA  
BLD<sup>6</sup> ROOM

Frankly, by this point, unless something glares at me, I will not be tracing phone numbers. I do know that some of the numbers, from having done random checks of the numbers, are home land lines.

Visibility sketchy - inability to discern targets.

Data mark mistake - hitting the wrong target, possibly due to jitter.

Boards are eating costs - possibility of burning through mother boards, but not knowing that much about drones, I can not be sure. It is apparent that it is a problem in development costs.

The note to call Paul Meyer, Global Hawk mission pilot. Pilots are not supposed to be speaking to anyone without security clearance about the specifics of missions.

Robert E. Hopkins, Professor of Optics  
Professor of Electrical and Computer Engineering  
Professor in the Center for Visual Science  
Senior Scientist at LLE  
University of Rochester

10

YSTRAINED MITRE, ORL  
703 983 7739

ROB C  
ROBERT STRAIN MITRE  
MATTHEW DE GARMO  
J CHRIS MOODY  
703 8836000  
CRASD

Names and phone numbers at Mitre. The one for R. Straina is an unlisted land line.

**The significance of unlisted land lines in corporate and government offices.**

Very often, unlisted lines are also referred to as back lines. These are lines that are unmonitored, and where recording of all conversations are required, they are unrecorded. They are out of sequence in the numerical number listing, often having, as Mr/Ms Straina's line is, a different prefix so no one is aware of the existence of the line. They are used extensively in many different situations where corruption is present, such as Wall Street and government offices. Because they are not listed as belonging to a certain institution, it becomes almost impossible to prove who they belong to. I do not know if this is the case with the above mentioned phone.



(11)

CONCEPT DEVELOPED

9-15-08 ADSB TECH FOLLOW-UP

WILSON FELDER 609 485 6641

NICK SABATINE ~ JOANNE

RICK DAY AIR TRAFFIC

MITRE BOX MOD

SOE.gardner@FAA.gov 907 223 8900

JERE HAYLETT @FAA.GOV (W) 907 271 5782  
C 202 841 5460

PAUL FONTAINE @FAA 202 267 3468  
MGR TECH DEV & PROTOTYPING

CENT VINNIE CAPEZZUTO @FAA.GOV PM ADSB  
W 202 385 8237 C 202 284 333

JEFF MITTELMAN 703 298 7833  
MITT @ MITRE.ORG

WE WOULD LIKE TO SEE WAVE FRONT  
SENSOR

SEVERAL WAYS PICK ONE  
SHOW HOW IT WORKS  
PICK A WAY

ACTIONABLE OPTIONS  
VERY VIABLE AUTONOMOUS STABLE;  
MATURE: WE WANT TO  
LEVERAGE

Notable are the contacts at the FAA, the Federal Aeronautics Administration. FAA is in charge of all air traffic. Prior to a drone being launched, the FAA is notified so that no civilian aircraft enters the area of operation for the drone. At the end of the year, FAA releases the data on the number of drone flights for the year and what areas they operated in. Contacts can furnish information about before they are cleared for takeoff.

There is a note of direct contact with Air Traffic Control, Rick Day.

Mitre agrees to a presentation of the Wave Front Sensor Joe Lakritz is peddling. Of interest is that Joe has to make a note of how to sell it, indicating he has limited understanding of what he is selling.

(12)

900 MERRILL FIELD RD  
ACCESS  
2ND STOP DIAG LEFT

ADS-B TECH  
400 AIRPLANES IN CHINA

7 GROUND STATIONS IN  
30 MORE IN PROGRESS  
EMERY RIDDLE  
NORTH DAKOTA } EQUIP  
MICH

SAME SENSORS  
MOPS COMPLIANT

THALES  
HONEYWELL  
SIEMENS

SANDIA LABS 56

WAN

The address is for ADS-B located at Merrill Field in Anchorage Alaska. I believe they make tracking equipment for aircraft. It is also in limited usage in America. Merrill Field is a private airport offering anonymity of people using its facilities. Joe gives driving directions to the ADS-B address on the airport grounds, indicating that he did not fly into the airport. This is also an indication that he does not have a pilots license.

If ADS-B makes tracking systems used by the Chinese, was this a point of contact to sell the wave front technology to the Chinese, the second largest producer of military hardware?

I believe the names of the companies at the bottom of the page may be also be involved in attempting to develop the sensors. Sandia is a top secret facility owned by the government.

(13)

CALL PEDRO SUN

JWG JOHN KEGAN

SCENE BASED  
MTF

50 Hz

HOW DOES COMPUTATION SCALE  
LINEARITY

ENGINEERING PHASE NUMBER CRUNCHING  
MINUTES AT WORST

HOW STABLE IS TB

FAIRLY QUICK SETS OF ACTUATION?

HOW  
GRAPHICS NOT BURDENED

RAW DATA ITSELF REASONABLE  
SNR

ANOTHER LOOKING AT THE SAME THING

-HEADLINER - MOTION MTF. HELANS

14

MOST IMPORTANTLY AMPLITUDE  
NEED TO HANDLE THIS MAGNITUDE

UNOBSERVED MODES

SAME PROCS DIFFERENT ALGO

NO UNOBSERVED MODES

WITHOUT

SEEK BASE

SIM DIDNT HIT ON SYMMETRIC

AOSD

COM OPTICS DEMOS

DIANNE TH (310) 764 6705

ABSOLUTE MORON

TWIST YET AGAIN

ABSOLUTE WRONG CONCLUSIONS

STEWART DEVISS 937 344 5734

Jim STOWELL

GOVT INVESTMENT  
CAPABILITY GAPS

ADM

The top of the page, without a reference point to begin with, is also not decipherable to me. It does appear that tests were failed and the discussion on this and the previous page were reasons for failure as well as possible fixes.

I find it amusing that someone (Diane) is calling others morons. This points to how cut-throat the defense industry is. Was she speaking of a competitor, her employer or someone in the military? This number is one of those unlisted land lines, so I assume she could speak freely.

I did not track the other names on the page.

I assume the statement about gaps in military funding refers to the practice by the Pentagon of funding research and development of technology by private corporations, and then paying a second time to purchase what they have paid to have brought to market. **It has, in essence, the US taxpayer paying twice for the same technology.** In private industry, courts have ruled that if a technology is developed on the employer's dime, the employer owns the technology, not the person who developed it unless otherwise covered in an employee manual or employment contract. I guess the Pentagon does not operate on those principals.

9/16

NKR ELAM DARPA

DARPA  
MIST

1164083

600 PSEL

PETE HOWE Timing EXPERT

ROBUST SURFACE  
NAV DARPA

STEPHANIE TOMKINS

PNT STUDY

GAP

ACCURACY w INTEGRITY

NOTIFICATION

ELECTROMAGNETICALLY IMPEDED

PHYSICALLY IMPEDED

KAREN

ARCH STRATEGY IMPLEMENTATION MEMO

BIM

NATIONAL SECURITY CAPABILITY

SPECTRUM

STORMY TIME SAILING

FOOTING BILL

GNSS PROVIDERS BILL PAYERS



DARPA - Defense Advanced Research Projects Agency, Part of the Department of Defense. Joseph Lakritz was talking to them and they are the ones who are in charge of R&D for all security agencies. Doesn't anyone realize that this stuff is supposed to be kept secret?

**This is the page where there is a reference to drones having National (internal) Security Capability, indicating that the application had already been discussed.**

Stormy Time Sailing was linked to Joes name on the Internet in 2007, a year previous to this notebook. I was never able to discover what the link was. *GNN to be a high priced meet and greet between defense contractors and members of the military. I wonder how many of them declared the receipt of a boating outing on their taxes. This would have involved top brass only, so they not have anyone above them to report it to. S* appears to be *Global Navigation Satellite System*, a publication to the defense industry.

(16)

REGULATORY WORK  
E911

SPECTRUM  
COOPERATION

REDUCTION OF CO2  
REDUCTION OF FUEL

MONITORING ?

SAV V3 FLO V157 FAY V136 RDU

RDU V136 SBV V39 MRB V501  
PSB V35 SRK V164 ELZ  
V119 ROC

BOB  
MICHELE DAVE

LANDMARK RDU 919 840 2200  
FLT GUEST 919 840 4444

The 2 long sequences of numbers on this page are specific flight plan information. I have no explanation for them, unless they actually flew drones on these flight paths, which is supposed to have been forbidden in 2008. At that time, as now, all development and training flights are supposed to take place over the Atlantic and sparsely populated land in southeast Virginia. SAV is Savannah, RDU is Raleigh-Durham and ROC is Rochester, NY.

Flight Gest is a charter company and flight school. This would indicate that Joe did not have a pilots license at the time of writing this journal. He may or may not have been seeking one.

(17)

JIM DALBERG  
BULLWORK

ED

COL BUCKMAN

LTC HUFF

MIKE DOWN

PETE HUNTER

BRIAN BROTTLAND

NEVIN

MIKE ELLIOT MS BD  
RUSH

9-18-08 ROCHESTER

CHARIS

ITT

BOB FIETE

UNCONVENTIONAL IMAGING MODALITY

MATT BULGAR

SPECTRAL ESTIMATION

TOM ZELNSKI

DOCEDECHEDRAN  
PHASE DIFFERENCE 'VS' SPIN'

SLIDE 29 X AXIS P PIE

2006 NEW WINDOW IN WAVE FRONT

SENSING

SYMMETRIC MODES

CALIBRATION TIME RUN TIME

The name of 2 high ranking military men, Col. Buckman Air Force Space Command, specialist in GPS Lt Col. Huff. He is possibly the commander of the AWG Concepts and Integration Squadron which works to recognize terrorist threats.

Calibration of the GPS systems seems to be a problem at this stage. There are repeat entries referring to the calibration. The rest of the page is beyond my understanding.

BALL 1/2 STEP GET INTO FOCUS

FIGURE JITTER  
LINE OF SITE JITTER

2 MICRONS JUST CENTER

RED TO 26 MICRONS

BOYAY 9

CONVOLUTION  
APPLIED OPTICS

ER CRISTO

MIKE MEYER

MMSD

DAVID

MIKE WILSON

UNBLEMISHED BY SUCCESS

GEOEYE

16" O4

WORLD VIEW DIGITAL GLOBE

AOA

MMSD

TEASE OUT

DAVID GERWE  
19"

These appear to be random notes. I cannot tell if they are connected to each other or not.

It does appear that they are asking test pilots to adjust for jitter instead of correcting the problem. My question is what do they do if they adjust when jitter on the occasions when jitter is not a factor? Wouldn't that cause a missed target?

[End Part 1]