RISHU - Richly Innovative Solving Help Utility

Pencil and Paper Solving.   RISHU

I watch pencil and paper solvers viewing computer programming technicians spending an indescribable less amount ot time solving a *Cm* cipher construction and dreaming of the day their solving time may be cut in half or less. As an ACA mentor of beginning solvers, I am often questioned of when we might get into this programming routine.

My reply is always the same. You must become aware of the need of learning the intricacies of the solving process. There is no better learning process of determining how a cipher is put together than becoming aware of the construction process. *The ACA and You Handbook* is a precious source of describing how a construction is put together and provides insightfulness to the process of taking it apart, leading one to, perhaps, to computer programming, a path to developing programs which will reduce the solving process.

The Joy of Pencil and Paper Solving.

The *Cm* cipher title and cited common trigraph cribs provide extensive openings to employ the computer research tools at our disposal to unveil stores of input and knowledge of the world around us while working on the solving process with pencil and paper to uncover additional cipher plaintext. A path to a decipherment process using title information follows:

SO 2024. E-7. Morbit. From Mitch Hedberg. (code)   AILUROPHILE

You can gather quite a bit of this cipher plaintext by simply researching the author in its title along with the cipher crib. Sorry to make this one so simple but we must allow time for the tougher constructions which force us to burn the midnight oil.

Universal Phoebee Circular Cipher Slide, for Beaufort, Gronsfeld, Porta, Portax, Vigenere cipher solving. **(Free)**

The Tyro Tutorial

This is available at our ACA web site under Resources. It describes the solution process to some thirty different cipher types, a comprehensive listing of Null Variables by BION and the use of Google as a solving tool.

ZANAC's Gimme a Break – MA Aristocrats (may be digraphs / trigraphs)

A-1, that (2), A-2, you (3), A-3, the (3), A-4, I (3), A-5, that, A-6, the (2), A-7, the (2), A-8, and (2), A-9, to (2), A-10, the (2), A-11, the (2), A-12, the (2), A-13, that, A-14, the (5), A-15, that, A-16, car (2), A-17, an (5), A-18, ence(2), A-19, the, A-20, when (2), A-21, ing (2), A-22, you (2), A-23, the (2), A-24, ing (3), A-25, Troubled.

ZANAC's Gimme a Break - MA Patristocrats (may be digraphs / trigraphs)

P-1, hoax, P-2, the (3), P-3, the (2), P-4, you (4), P-5, the (3), P-6, the (3), P-7, The best way, P-8, that, P-9, Life, P-10, John, P-11, that, P-12, that, P-Sp-1, ing (2), P-Sp-2, Begins, Siu.

JF-1. Aristocrat. K2. Historical facts. Three appearances of the most used trigraph. **PEKKABO**
JF-4. Spanish Xenocrypt. Natural wonder. K2. (erig) Plaintext begins, "El desierta" **PELKABO**
JF-7. Complete Columnar Transposition. Popular pastime. (the world) Begins, "Known as" **PELKABO**
JF. A-24. Impact event. K4. Plaintext begins, "Vibrant" **PETROUSHKA**
JF. P-12. All physicists. K3. (FCEY) Plaintext begins, "In many" **TSIOLKOVSKY**
JF. X-8. Dutch Patristocrat. K2. Skilled observer. (artier) MSCREP: Begins, "Tycho Brahe" **WORD WIZARD**
JF. X-10. Afrikaans Homophonic. Hunting leopard. (van die) MSCREP: Begins, "Die Jagluiperd" **DONSIE**
JF. X-12. Spanish Myszkowski. De todo el mundo. MSCREP: Plaintext begins, "Los mas de siete" **EL CONDOR**
JF. X-Sp-1. French Numbered Key. Mysterious person. PARROT: Begins, "Le Capitaine" **BION**
JF. E-5. Morbit. Self-satisfaction. (eyes) Key positioned at 2-15. Plaintext begins, "Mediocrity" **APEX DX**
JF. E-7. Swagman. Power to change a planet. (JIQYLNINOLH-2) Period 5. Begins, "If you" **SHMOO**
JF. E-18. Ragbaby. Different ballgames. (fifteen) PARROT: Plaintext begins, "In soccer" **ROCCOBARBI**
JF. E-23. Tridigital. Stay in shape. (It toughens) Separator – 3. Plaintext begins, "One good" **CONFUOCO**
JF. E-24. Quagmire II. Member of the upper crust. MSCREP: Plaintext begins, "The chairman's office" **BION**
JF. E-26. Quagmire III. Small town life. MSCREP" Period 14. Begins, "Monowi Nebraska" **RIG R. MORTIS**
JF. C-10. Undecimal Square Root. (No word, 0-A) R = 0, C = 4, N = 7, A = 9 **ARIES**
JF. C-11. Magic Square. (One word, 0-9) R = 1, N = 5, I = 7 **SHMOO**
JF. C-12. Undecimal Multiplication. (One word, 0-B) N = 2, D = 5, B = 9 **LIONEL**
JF. C-13. Undecimal Multiplication. (Two words, 1-0) F = 1, T = 6, M = 9 **THE DOC**
MA. MA-1. Ornamental. Patristocrat. Begins, Arabic **DONSIE**
MA. A-25. Sullen solo argument. K2. Second plaintext word – "bachelor" **LE CRAPAUD**
MA. P-11. A hangover cure? K3. (QCNB) Look for "Franz Liszt's" **TSIOLKOVSKY**
MA. X-5. Spanish. K2. (English key. (abajo) Plaintext begins, "Un hombre" **AILUROPHILE**
MA. X-10. Italian Phillips. Italiano magistero (-mini grandi) Plaintext begins, "Debbe un uomo" **LIONEL**
MA. X-Sp-1. German Numbered Key. The moon. (ends: -YCNMVUHX) (English key) **BION**
PARROT: Crib extension: "mildes lient und streutzauberuebers"
MA. E-1. Railfence. Unexpected geography. (QYMN) Four rails, two offsets. Plaintext begins, "Reno" **SHMOO**
MA. E-2. Gronsfeld. Compassion. (empathy) Period Six. Plaintext begins, "Snow-" **CONFUOCO**
MA. E-4. Homophonic. Pretensions of grandeur? (says) Look for "Mark Twain" near start. **TSIOLKOVSKY**
MA. E-7. Morbit. It'll cost you. (ZLYY) PARROT: Additional crib: "lawyers" **THE RAT**
MA. E-8. Vigenere. Conditioner. (JBIHYLCHA-) Period Eight. Plaintext begins, "Pavlov" **BECASSE**
MA. E-9. Null. Take a look. Parrot: Numerical counting not by individual ciphertext word. (seek) **APEX DX**
MA. E-13. Phillips. Controversial change) (Too sterile but it) Crib placed at position 145. **SHMOO**
MSREP: Crib extension, "too sterile but it is one enormously" PARROT Plaintext begins, A ham radio"
MA. E-16. Quagmire I. A Karen thought? (rsive or read newspaper" **CONFUOCO**
MSREP: Crib ext: " envelope read cursive or read newspaper map"
MA E-18. Monome-Dinome. (ZLCYHX) Plaintext begins, "Outside" **RVIR**
MA. E-23. Grandpre. Heads up! Crib extension "times you have descended to" **LIONEL**
MA. C-7. Division. (Two words, 0-9) Each word five letters in length. A = 2, R = 5, U = 8 **FUNEREALLY**
MA. C-10. Duodecimal Square Root. (Two words, 0-B) First word, five letters. W = 0, P = 4, T = 7 **ARIES**
MA. C-11. Division. (Two words, 9-0) Each word, five letters in length. L = 9, P = 4, Y = 0 **TOMMY**

Sunny Ciphering, LIONEL