



Pencil and Paper Constructing and Solving.

RISHU

There is no better learning process of determining how a cipher is put together than solvers 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. Forwarding your construction work to the Cm editors will insure a variety of construction authors availability for Cm publication.

JA. E-5. Porta. Coincidence. (looks – 2) Period seven supplied by PARROT.

SILCO

See *ACA and You Handbook* for this cipher's use of only 13 reciprocal alphabets. A ciphertext letter for the first half of the alphabet can only represent a plaintext letter for the second half of the alphabet and a ciphertext letter in the second half of the alphabet can only represent a plaintext letter in the first half of the alphabet. The constructor for this Porta cipher has been quite generous in supplying the crib "looks" under the duplicate ciphertext letters of "YIBSB" which will allow you to generate plaintext on period columns two through six. See the availability of the Universal Phoebee Circular Cipher Slide which will allow you to determine the plaintext keys which will uncover the plaintext of these columns for the complete cipher.

Universal Phoebee Circular Cipher Slide

For Beaufort, Gronsfeld, Porta, Portax, Vigenere cipher solving. **(Free)**

The Cryptogram Index

LIONEL

Our Cm Index is completed through SO 2025 and we will send you dates of any past Cm articles of interest.

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 – SO Aristocrats (may be digraphs / trigraphs)

A-1, the (2), A-2, you (2), A-3, the, A-4, you (4), A-5, that, A-6, not (3), A-7, sign, A-8, you (7), A-9, that, A-10, the (3), A-11, you (3), A-12, we (3), A-13, you (3), A-14, that, A-15, that, A-16, ing (2), A-17, cow (2), A-18, th (3) (A-19, oma (2), A-20, the (3), A-21, people, A-22, the (2), 23, the (2), A-24, the (4), A-25, DJ = qu

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

P-1, ing (3), P-2, the (4), P-3, you (5), P-4, little, P-5, FF = tt, P-6, the (2), P-7, the (2), P-8, the (3), P-9, the (3), P-10, the (3), P-11, ing (2), P-12, that (2), P-Sp-1, S – alliteration letters, P-Sp-2, P – alliteration letters

JA. JA-2. Grille. Swing for the fences. (closer) Babe Ruth quote attributed to Pete Rose. **DARING FLAIR**
 JA.A-23. Thoughts on Leonard. K4. Humor on Bernstein. **KEPLER**
 JA. P-10. Rare instrument. K2. (VYFIQ) Twelve feet high. **SHMOO**
 JA. X-5. Portuguese. Learn to love. K2. (amamos) Second plaintext word “educacao” **THE DOC**
 JA. X-7. ????? Out of the frying pan. PARROT: Dutch, begins, “Er is maar” **THE DOC**
 JA. X-12. Italian Key Phrase. Chess metaphor. (English key) Key begins “KINGANDPAWN” **LIONEL**
 JA. E-4 Null. Construct on faith, (NBYS) PARROT: Key begins, “136” **WORD WIZARD**
 JA. E-5. Porta. Coincidence? (FIIEEM-2) Period Seven. Plaintext begins, “If” **SILCO**
 JA. E-18. Gromark. Dazzling. MSCREP: Crib ext: (in a Minnesota summer light) begins, “The-“ **CONFUOCO**
 JA. E-19. Phillips. Money, money, money. MSCREP: Crib extension: (until eighteen twenty seven) **THE DOC**
 JA. E-22. Bazeries. I bet George Romero never realized. (apocalypse) (irregular key) **TSIOLKOVSKY**
 MSREP & PARROT: Key = six numbers, one which is zero.
 JA. E-23. Cm Bifid. Never to be found. MSREP: Crib ext: (somewhere files could safely be said to have) **BION**
 JA. E-25. Quagmire IV. Trainspotters delight.(each carrying up to eighty four) **THE DOC**
 Plaintext begins, “The Mauritania Railway”
 E-Sp. Condi. Major event. (lasted for approximately) Parrot: Plaintext begins, Striking in March” **PELKALBO**
 JA. C-6. Division. (One word, 0-9)) L = 0, Y = 5, E = 9 **SHMOO**
 JA. C-10. Multiplication. (Two words, 0-9) P = 2, D = 5, S = 8 **FOMALHAUT**
 JA. C-14. Duodecimal Equations. (Three words, 1-0) A = 3, C = 7, Y = 9 **APEX DX**
 JA. C-Sp-2. Undecimal Addition. (Three words, A-0) A – 9, S = 5, L = 1 **GGMA**
 SO. A-24. Do not by halves. K2. Fact is not based on thought alone. **TARS TARKAS**
 SO. A-23. Fall takes over. K3. September into autumn. **PO’BABY**
 SO. P-11. A peculiar tongue. K4. (XTOD) = (zing) Language with peculiar meanings. **DANEEL**
 SO. X-2. Dutch. Primary symbol of the age. K2. Plaintext begins, “Wat” OBFZD = drukt **SHMOO**
 SO. X-4. Portuguese. From O Alquimista. K2. Plaintext ends, “busca de seus sonhos.” **AILUROPHILE**
 SO. X-8. French Patristocrat, Quandary in the kitchen. Begins, “Je dois” TKEQKB = gateau **WORD WIZARD**
 SO. E-2. Morbit. Doll fruit. (FIIE) Crib placed at position 45. Plaintext begins, “Cuca-“ **DANEEL**
 SO. E-3. Complete Columnar. Almost free houses in Japan. (GUEY) Plaintext begins, “Home” **AMADI**
 SO. E-7. Incomplete Columnar. Like our conventions. (BUPCHA) Plaintext begins, “Perhaps” **CONFUOCO**
 SO. E-9. Vigenere. Famous church. (QBIFFS) Period Nine. Famous cathedral, begins, “The” **SHMOO**
 SO. E-11. Nihilist Transposition. Biological fakery. (MQCGUQUS) Plaintext begins, “Some” **SHMOO**
 SO. E-15. Quagmire II. What are they for? Crib extension (To deter insects a team of) Period Eleven **BION**
 SO. E-16. Foursquare 6x6. Historical names. PARROT Crib ext: (were actually nicknamed by the) **PARROT**
 SO. E-18. Ragbaby. Doggerel. (twisted. PARROT: Plaintext begins, “In the desert’s” **BION**
 SO. E-19. Tridigital. Religious art. (es mar artwork) PARROT: Plaintext begins, “Bones of Saints” **SHMOO**
 SO. E-20. Bifid. Not at all like Wrigley’s shaggy field. **DARING FLAIR**
 PARROT crib ext: (Players hated astro turf)
 SO. E-24. Quagmire III. It might require the impossible. Period 11. Crib placed at position 62. **DARING FLAIR**
 SO. C-2. Square Root. (No word, 1-0) A = 1, R = 6, S = 9 **ARIES**
 SO. C-4. Square Root. (No word, 0-9) H = 3, I = 6, Z = 8 **APEX DX**
 SO. C-6. Division. (Three words, 0-9) E = 1, I = 5, O = 8 **L’IL GAMIN**
 SO. C-10. Undecimal Fourth Root. (Two words, A-0) M = 8, T = 5, B = 2 **GGMA**
 SO. AC-1408. Quagmire III. Season. (are cities) MSCREP: Plaintext begins, “Spring has many” **CONFUOCO**

Sunny CIPHERING, LIONEL