ND. E-5 Null. Do you think posting the ciphertext vertically will help?   **RISHU** – Richly Innovative Solving Help Utility

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RISHU – Construction value in learning how to solve ciphers.
An excellent path to cipher solving is the process of cipher construction. Following the *ACA and You* cipher construction guidelines develops an understanding of how a cipher is put together and provides the opportunity for you to apply these techniques to taking it apart. A side benefit to the construction process is the venture of submitting the construction to Cm column editors for Cm publication and the opportunity to provide the mental solving challenge of it to fellow Krewe.

Solving Lucidity**:** Your solving logistics, plaintext comprehension and ease of continuity will be helped by the use of upper case letters for ciphertext and lower case letter for plaintext with all solved letter certainties noted in red.

Young Tyro Newsletters
In addition to this Senior Young Tyros Newsletters, we have two additional Newsletters published bimonthly for primary and secondary school students. If you would like a family or friend youngster to receive one of these, please send us their name and E-Mail address.

The *Tyro Tutorial* is now available at our ACA web site under *Resources.* It describes the solution process to some thirty different cipher types and includes an appendix with a Railfence Template, Polyomino Congruent Squares by APEX DX, a comprehensive listing of Null variables by BION, an Algorithm process description, Foursquare Cipher digraph frequencies by RISHU, use of Google as a solving tool and the use of cryptology to bridge generation communication gaps while increasing a youngster's mathematical interest. Please direct any questions to LIONEL.

Universal PhoeBee Circular Cipher Slide – by **PHOENIX & HONEYBEE** – Used to solve Vigenere cipher types.

Practical Cryptanalysis – **By B. NATURAL -** *Cryptographic ABC's* **and** *Bifid Cipher* **by ZEMBIE – Free.**

Free Code and Cipher Books – Place an order. The mailing is also free.

American Magic - Levin	*Bacon Bi-literal Cypher* - Gallup	*Codes and Ciphers* – Wrixon
Hitler's Spies – Kahn	*Invitation to Cryptograms* – Williams	*Kahn on Codes* - Kahn
Reader of Gentlemen's Mail - Kahn	*Secret Codes & Ciphers* – Kohn	*Xenocrypt Handbook* - PHOENIX

ZANAC's Gimme a Break – JF Aristocrats (may be digraphs / trigraphs)   (1) unless otherwise stated
A-1, that, A-2, six (2), A-3, ing (2), A-4, the (2), A-5, the (2), A-6, the, A-7, ing (2), A-8, the, A-9, good (4) A-10, the (2), A-11, the, A-12, er (2), A-13, are (3), A-14, the (2), A-15, is a, A-16, that, A-17, via, A-18, you (2), A-19, er (4), A-20, the, A-21, ou (7), A-22, ow (3), A-23, su(12), A-24, ing (2), A-25, ea (3) .

ZANAC's Gimme a Break - JF Patristocrats (may be digraphs / trigraphs)   (1) unless otherwise stated
P-1, the (3), P-2, ing (2), P-3, OQL= the, P-4, the (3), P-5, the (3), P-6, that (2), P-7, that, P-8, you (3), P-9, the (3), P-10, that (2), P-11, the (2), P-12, ABDEFGH = gravity, P-Sp-1, ZEDN = glow, P-Sp-2, dis (6).

ND. A-25. Hiding in plain sight. K4. First two plaintext words share plaintext letters s, y, b and o. **PETROUSHKA**
ND. P-12. Better watch out. K4. Second plaintext word identifies season. **BECASSE**
ND. X-7. ??? About wisdom. K2. *Xenocrypt Handbook* identifies 2 letter apostrophe Romance Language. **ROKAK**
ND. X-8. French Patristocrat. Priorities. K1. Crib, "attaché, at position 43, begins "Il ne". **ARDUINNA**
ND. X-11. Italian Quagmire II. Accomplishment. PARROT: Period 7, crib placement position 52. **THE DOC**
ND. E-5. Null. Null advice. (eon). Vertical listing of ciphertext, explore first and last letters. **STAR SPOWLSE**
ND. E-11. Baconian. Circumstances. (the) Crib placed at DOING WORLD MINUS**.** **HONEYB EE**
ND. E-12. Fractionated Morse. Power of the mind. (nothing) MSCREP: Crib at position 58-3. **CILLBIPHER**
ND. E-13. Ragbaby. Celestial security. (scenes) Crib fits only one place. MSCREP: Begins "If the" **APEX DX**
ND. E-14. Swagman. Consequences. From new technology. MSCREP: Crib: chlorofluorocarbons **L. TWIN**
ND. E-15. Bazeries. All done? (difference) Key block begins "SEV" **MANDRAKE**
ND. E-16. Monome-dinome. Grammatical spirit. (perfect) Side digits = 3 and 7. Begins "I am" **BION**
ND. E-18. Gromark. Not a holiday fan? PARROT: Extended crib "wrote or recorded" pos. 55. **RIG R. MORTIS**
ND. E-20. Foursquare. Seasonal advice. (to think of) **TSIOLKOVSKY**
MSCREP: Extended crib "struggling to think of" place at second letter in digraph four.
ND. E-21. Tridigital. Will we ever learn to stop? (warriors) **EL CONDOR**
PARROT: Word separator, 9, additional crib (tribe".
ND. E-25. Phillips. Puritan ban. MSCREP: Extended crib "since every day was considered" at pos. 69. **THE DOC**
ND. C-13. Sudoku. (Three words*) Solution in column one. **MANDRAKE**
ND. C-Sp-1. (No word, 0-9)   0 = Y, 5 = B, 9 = Z. **ALCIBIADES**
ND. AC-1243. ??? Education. (havetorememberthatwe) Quag. II, Period 10, crib at position 33. **EL CONDOR**
ND. AC-1244. Grandpre. Air-age Insight. MSCREP: Crib extension "onceimpliedthatthedevilhimself) **APEX DX**
ND. AC-1245. Cm Bifid. Keeping warm. MSCREP: Crib extension "intheeighteentwenties" at position 37. **BION**
JF. JF-1. Ornamental. Birthday cake. Patristocrat with two "the" digraphs. **CONFUOCO**
JF. JF-5. Complete Columnar Transposition. On the water. Period Nine, begins "Two" **BECASSE**
JF. JF-6. Null. Elijah Bond of Maryland. Find what Elijah Bond is famous for, the rest is down hill. **CONFUOCO**
JF. JF-8. Keyphrase. Early local shelter. (eighteen) Cipher alphabet begins (TOO MANY" **BECASSE**
JF. A-24. Acrobatic machine. K4. (91) Title prompts plaintext crib. **HONEYBEE**
JF. P-Sp-2. Distrust. K3. (96/17) (-XUMN-) Title and crib start prompts alliteration. **FUNEREALLY**
JF. X-2. Spanish. No guardes rancor. K2. (seguro) CT alphabet allows you to select proper crib place **PELKABO**
JF. X-8. French Patristocrat. K2. Missing the target. (melodies) Begins "La Parole" **G-MAN**
JF. X-11. Italian Complete Columnar. Apprentice. Period Five, begins "Non" **THE DOC**
JF. E-1. Complete Columnar Transposition. Too tired. (work) Period Six, begins "Exh" **DOPPELSCHACH**
JF. E-2. Route Transposition. Classroom jest. Diagonal ciphertext begins in upper left hand corner. **LIFER**
JF. E-3. Incomplete Col. Transposition. Proper thinking. Begins with familiar three letter word. **BOATTAI L**
JF. E-11. Amsco. Bills to pay. (UFMI) PERIOD FIVE. (the-2) **THE RAT**
JF. E-12. Swagman. Red flannel bikini? (illustrious) Period Five, begins "Hawaii" **L. TWIN**
JF. E-13. Morbit. Conceit. Crib extension: "Too much" **CAGEY KIWI**
JF. E-15. Foursquare. Stability. (they took the) Ends "they took the oathx) **LIONEL**
JF. E-17. Vigenere. Bletchley did it. (Not cause and effect?) Crib: "describe" **BRASSPOUNDER**
JF. C-5. Sudoku. (Two words*) Solution in column two. **APEX DX**
Interactive Sudoku website at http://www.scanraid.com/Sudoku.htm
JF. C-10. Undecimal Square Root. (No word, 0-1) 0 = S, 6 = T, 1 – E. **ARIES**
JF. C-Sp-1. Addition. (No word, 0-9) 0 = I, 4 = K, 8 = N. **ALCIBIADES**

Sunny Ciphering,   LIONEL