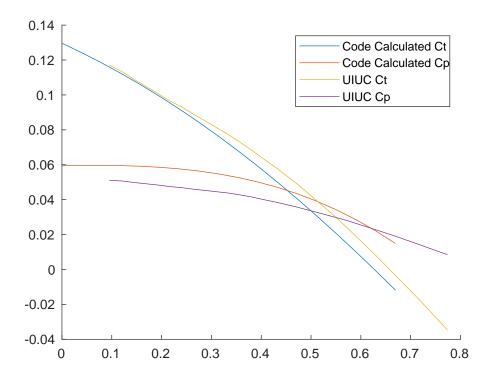
AER 1241 A55-2

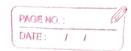
PAGENO.: DATE: / / (1) Payload Mass -> 5 Kg 4 Rotors -> 30 cm Dia brotors -> 25 cm Dia (2-5 Kg) T=> (2+5) -> (1.75 ×10) → 0.070b 8= 1 4/m2 (194.822 W) x 4 notors T -> (2.5+5) (1.23 779.29 W Same Capacity Batter. (141.0293 W) = 0.0491 to Power f => (846.17W 0.0858



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*(3) b= 10m S = 20 m2 1/2 red" in Di 1 \$ = 3 m % > 0.3 > 6 > 0.38 Biplane Cpi => (1.38) (CL2) 23 (1.38) C12
TT PR Riplane (2) TT Rmm 1. Y. Red 23. (CAi)mone - (CPi) 6/00 ×100 1 -0.69) × 100 31% red"

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(4) @ Relaxed Longitudinal Stability is a mai and Drog neduction are main reasons for choosing horgitudion

Relayed Logitudinal Stability & Control

(b) Dry Red", Stall proofners & High Manueverdsility

@ High Manuverability & Drag Reduction

1 More Weight Copacity, & Reliability

@ Better Manuserability & Far more Stability.