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	KLAX0(12:34 PhoteCPT_ARNOLD C130:CP-2 Lonal:A1C ABLE 3. Crew 28-4 H. TO Fool 2100 4. Cr Bag 45 get - Est.Burn(11:11) 51300 9. Op Wgt 8225 23. 1.0 Fool 14500 12. TOTAL 10125 Place Lonad MaxLood gs to 2115 Pallern 9. Op Viblicles 1 590 Floort foor 1999 Wast 1 500 10.00 10.00	301 bez 40 r 3 525 P				
E	CG Limits restall) Weight Limits TO: 29 27.9 30 18.TO Wgt 11434 ZF: 15 25.8 29 21.JF Wgt 9324 DR: 27.4 -> 28.5 31.D Wgt 10654 LD: 17 27.9 29 10654 LM: W&R: Pilot: Filed: 10654	Image: Second Topology Image: Second Topology<	Textory C.E. In % M.A.C. Germ \$3.2.1 27.2% CORRECTORS of required 40.0 1.1			

LTK-F Prototype



NOT (yet) certified for live mission planning: *"Look-and-Feel" only!*Now: C-130E/H Hercules
Plus: KC-135 and CH-47
Soon: 130J, C-17 and KC-10
C-5, CV-22, and many more...

To learn more, and to try LTK-F for free, visit:

LoadmasterToolKit.com

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Loadmaster ToolKit * A Modern System+Service supporting ALL Loadmasters * LTK-F[™] (Form-F Planning) + LTK-T[™] (Tie-Downs/Shoring) * LTK-H[™](Handling/HAZMAT) + LTK-C[™] (Checklists) + many more... ...that is Usable, Affordable, Supportable, Adaptable, Universal **BUT ...** few others (seem to) Understand ... or Care! **Ghosts of the Past**: created, fielded, but then *abandoned* * Aircraft Specific: therefore, *lacking critical mass* * "No proven Hard-Dollar benefit": no funding or urgency * "... seems a good idea, but its not my job/business..." * "Little Profit Potential, so makes little sense to invest..." *** The "Five NOs":** Need, Trust, Money, Benefit, Hurry We NEED: X Focused VOSB+User Business Model Compelling, Documented **Benefits** ©2022, IDEA ToolKits LLC. 800-981-IDEA (4332) : www. IDEA-LTK.com

LTK Business Model

USERS = Loadmasters

- Air Force (Airlifters)
- Army (Helicopters)



- Marines + Navy + USCG
- Allied Military Services
- Other Govt (US & Allies)
- Civil Air Carriers, NGOs, others

Veteran-Owned **Small Business** DEA

=

• PARTNERS (Incl Future)

aka: LTC(Ret) Larry Crain

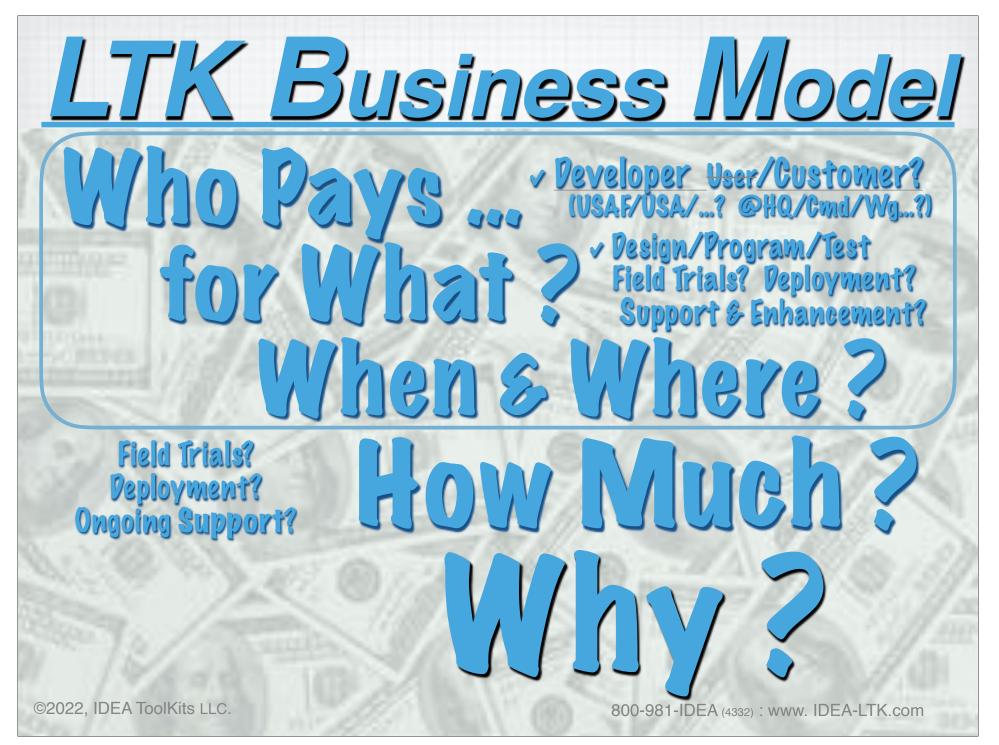
ToolKits

• EMPLOYEES (Future)



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LTK Business Model The "FIVE NOs"... Our Response: • No NEED Loadmasters * on LTK's Team •No TRUST • No MONEY Free Field Trial • No BENEFIT FFT Final Report • No HURRY Last Chance! * and PLA? ©2022, IDEA ToolKits LLC. 800-981-IDEA (4332) : www. IDEA-LTK.com





LTK Benefits

A Universal, Fully-supported LTK SYSTEM+SERVICE:
* "Killer App" is Payload Planning/Management: LTK-F[™]
* Plus, LOTS More Apps: Custom, plus COTS and Web-based

Improve Safety, Turnaround, Range/Capacity, Aircraft Life, and...

- * Fuel Cost Savings ... must SIGNIFICANTLY EXCEED development/deployment cost, and then ongoing service fees
 - Ideally, ZERO Up-front Cost, then PAY-per-USE Fee, fairly-allocated



So let's talk about LTK <u>Savings -vs- Costs</u>

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ruel convervation becomes history after we at aircrew members, are the forces that "do" the airli an arready have a groater influence on that task than support forous can exact. That's why this brochure has been compiled; to show the mavings which can be directly attributable to your actions. There should sever be a conflict in following flight manual procedures or in using sound judgement. But, when you have a choice, and one alternative will conserve more fuel, you are managing effectively by choosing that alternative.

j call on you to take that alternative. Be an effective manager and take pride in it. As you will see from the following pages, each aiscrew member is a manager. As such each of you can contribute to an effort that is worth millions. Too may believe that just a handred pronds of fuel is small or meaninglass. But when added to that same saving by the rest of our floet, the result is staggering, as you will see. But, the backet will saver fill if the first drop is not added. Your ability, spiled on-the-spot, provides the means of realizing these millions.

So, read on, and ... manage effectively. This command is better when you make it better.

Part, E. CARLYON, General, Unit

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CARGO LOADING WHAT'S THAT YOU SAY! LOADS CAN'T SAVE FUEL

via Optimum Load CG

DID YOU KNOW THAT BY LOADING YOUR AIRCRAFT TO AN AFT C POSITION (WITHIN AERODYNAMIC STABILITY LIMITS) RANGE soes \rightarrow (as much as 2%) or fuel consumption soes \rightarrow (as much as 2%).

WHY: OPTIMUM CG REGATES THE NEED FOR TRIN (WHICH IS DRAG) TO COMPENSATE FOR THE AIRCRAFT IMBALANCE. AFT CG MOVES THE CENTER OF GRAVITY OF THE AIRCRAFT CLOSER TO THE CENTER OF LIFT OF THE WING.



LTK: Saving Costs Est Savings via Optimum Load CG

Aircraft	Fuel Burn (gal/hr)*	1/2% Fuel Savings	Est. Cost Savings/hr	" Buck-a-Ton " Avg Load / FEE	Average Mission (hr)	Payback (hr)	Savings/ Mission
C-130	800	4.0	\$12.84	\$10	3	0.78	\$29
C-17	3200	16.0	\$51.36	\$30	5	0.58	\$227
C-5	3500	17.5	\$56.18	\$80	6	1.42	\$257
KC-135	1630	8.2	\$26.16	\$60	5	2.29	\$71
KC-10	2650	13.3	\$42.53	\$80	5	1.88	\$133
KC-46 (767)	1575	7.9	\$25.28	\$90	5	3.56	\$36
CH-47	340	1.7	\$5.46	\$7	2	1.28	\$4
	Ref AFP144-4 Apt ?Unloaded?		• et-A Cost/Gal:		y 15y 20y 25y 30y	Ju	2012 - Jun 2022: 1,228 (42.46)
22, IDEA ToolKits	LLC.			0.58	2/mgo.5016 2/mgo.2014 2/mgo.2016	ommodifies/?comm	

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LTK "Mission Brief" * Recruit Recently Retired Loadmasters (2-4 SMS or CMS) * Allocate Recruits' shares, IDEA's investment (\$35-40k) * Select a Vehicle, and a Vehicle SBIR? UP? other?) (C-130? * Prepare & Submit "Free Field Trial" proposal (actually, \$2) * Recruit IQA + Code Monkeys + Tester LMs (1+2+3-5) * Build LTK-F+T software for Field Trial (Heavily Instrumented) * Execute 3-month Field Trial ... and get DATA & IDEAS! * Submit/Brief "FFT Final Report", including: - Measured, quantified fuel, time & cost savings PROPOSAL: IOC Roll-out plan, w/ budget & schedule 800-981-IDEA (4332) : www. IDEA-LTK.com

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