

Long Range Planning Committee Summary, 2/10/2012:

- Most members want to keep costs affordable.
- Prioritize planning decisions to make good use of resources and simplify process:
 - o Category (A): Basic upgrades that make the aircraft better and safer – 1 year or less
 - o Category (B): Recommended but requiring substantially more resources – 1-2 years
 - o Category (C): Items to add to wish-list; or next aircraft (likely tied to a membership level of 40 regular plus student members); or a 3-4 year time horizon

OFC Long Range Planning Considerations:

- (1) Keep the monthly & usage rates low (A)
- (2) Maintain existing fleet (IFR+, IFR-, VFR) & monitor aircraft availability (A)
- (3) Resolve maintenance issues quicker. (Avionics, etc issues require a/c relocation for work) (A)
- (4) Improve location of tie downs. (B)
- (5) Have adjacent storage shed for pre-heater, oil supply, cleaning tools. (B)
- (6) Consider upgrade of ELTs. [\$1K ea] (B)
- (7) Store a propane pre-heater in shed near tie-downs. (C)
- (8) Install electric engine heaters in 84F & 819. (C)
- (9) Trade-up to similar but newer before planes reach 10K hrs (C)
- (10) Adding another C172 when active members reach +40 members [\$45K] (C)
- (11) Consider purchase/lease/rental of complex a/c in the future. (C)

Suggested Aircraft Improvements:

61H (240 hrs/yr; airframe TT 3K hrs; engine since MOH 1200 hrs; remaining 800 hrs)

Install LED tail beacon [\$700] (A)

LED landing light upgrade [\$320-\$370] (A)

Replace compass w/lighted instrument (B)

Electronic AI/DG upgrade with battery backup [\$2500] (C)

84F (180 hrs/yr; airframe TT 6K hrs; engine since MOH 1700 hrs; remaining 600 hrs)

Engine overhaul; @ 2500+- hours? Oil testing? {3 yrs max.} [\$21K] Requires monitoring.

Install collision avoidance avionics [\$5K] (A)

Interior upgrade, including plastic trim, etc. [\$500] (B)

LED upgrade tail beacon [\$500] (C)

Exterior Paint - Consider 3+ years from now. [\$18K] (C)

819 (240 hrs/yr; airframe TT 6K hrs; engine since MOH 1200 hrs; remaining 800 hrs)

Exterior paint & corrosion repairs; work-in-progress. [Part of annual inspection] (A)

Corrosion protection per Cessna bulletin; 2 years max. [\$?] (A)

Exterior Paint - Consider 1+ years from now. [\$18K] (B)

Install collision avoidance avionics [\$5K] (B)

LED landing light upgrade [\$320ea.-\$370ea.] (C)

Three-four year summary of a/c improvements (A+B+C):

61H = \$3.5K (reasonable; also add engine OH 3.5 yrs)

84F = \$40K (engine OH 1-3yrs; consider extending paint job by touch-ups)

819 = \$28.5K (consider extending paint job by touch-ups)