

MEADOW LAKE AIRPORT FACILITIES REPORT

December 2008

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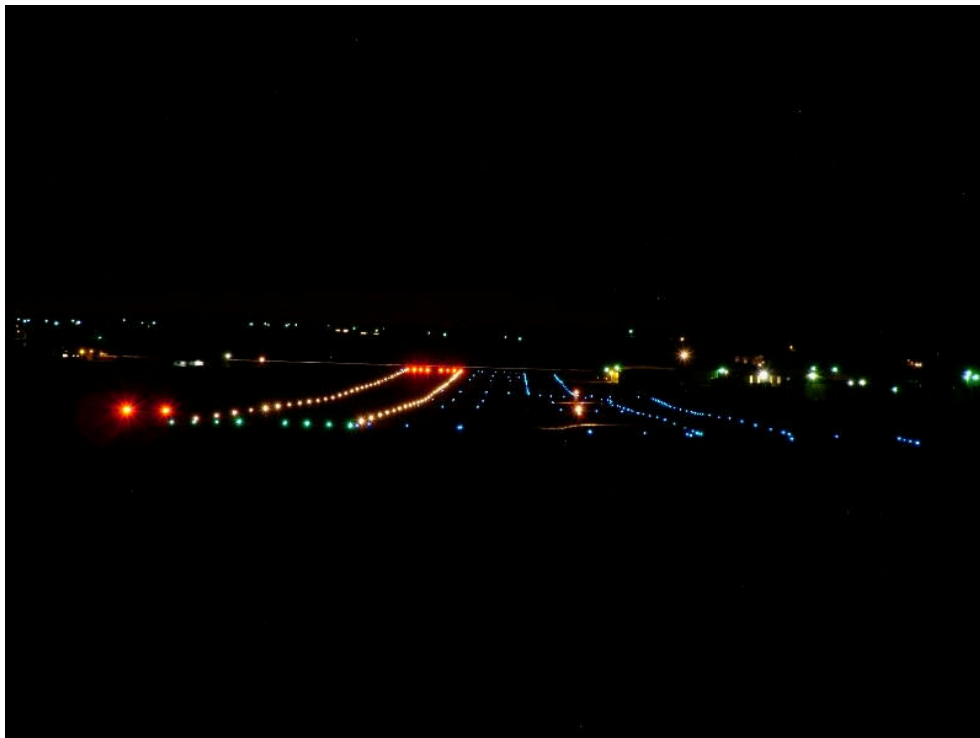
Items to be discussed

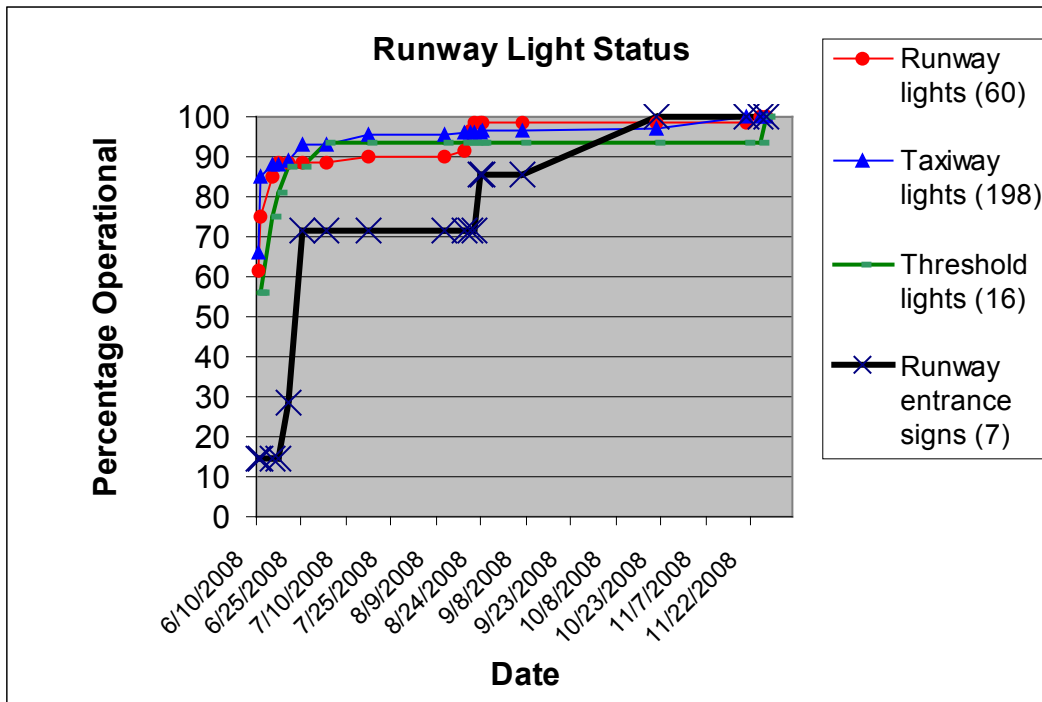
- 1) Airport lights
- 2) Runway/taxiway crack sealing

1) Airport Lights

- a. 60 of 60 (100 %) runway lights are operational (one more than last month)
- b. 16 of 16 (100 %) threshold lights are operational (one more than last month)
- c. 198 of 198 (100 %) taxiway lights are operational (seven more than last month)
- d. 7 of 7 (100 %) runway entrance signs are operational (same as last month)
- e. 12 of 12 (100 %) windsock lights are operational (same as last month)
- f. 8 of 8 (100 %) PAPI lights are operational (same as last month)

All runway lights below 15' AGL were operational as of Thanksgiving day 2008.





Assessment: Thirty six percent of the lights were out of service at the beginning of June 2008. All but one were normal maintenance problems (burned out bulbs, worn transformers, knocked over light assemblies).

One may be attributable to improper original installation in the early 1990s. If correct, this points to the need to get a reputable installer and the need for diligent oversight (quality assurance).

While all lights are operational, some have a degraded output and may need transformer replacement in the coming year.

Many of the lights are unsupportable. Breakage of the globe ,or inner lens in the case of threshold lights, will eventually mandate a new head assembly or complete light fixture.

Recommendations:

- 1) The runway light system is a critical system essential to safe nighttime operations and needs to be maintained at a high level of operational capability.
- 2) The budget should reflect the expected maintenance needs of an aging, but still functional system. Add \$10,000 to this years costs to reflect value of free labor.
- 3) We need an electrician who is experienced in airport lighting systems. The ability to isolate and correct failed connections is likely to be needed again in the future.

2) Runway/taxiway crack sealing

Need liability insurance coverage and on-site aircraft traffic monitoring/coordination.