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SMALL AIRPLANE RISK ASSESSMENT EVALUATION

Great Lakes Model 2T-1A, 2T-1A-1, & 2T-1A-2- Revision to AD 70-20-08 to include Lycoming AEIO-360-B1G6 engine due to inspector noting affected engines on required models.

SAFETY RISK FACTOR (SRF) =

SAFETY EFFECT (a) = 2

OPERATIONAL USE (b) = 2

PERCENTAGE USED BY POPULATION (c) = 1

NUMBER OF OCCURRENCES (d) = 1

EVENTS VERSUS POPULATION (e) = -1

TIME BETWEEN EVENTS (f) = 2

AIRCRAFT TYPE (g) = 0

$$\begin{aligned}
 \text{SRF} &= a \times b \times c + d + e + f + g \\
 &= 2 \times 2 \times 1 + 1 + (-1) + 2 + 0 = 6
 \end{aligned}$$

SAFETY EFFECT = MAJOR (2) – Significant workload increase, possible injury/death.

RISK ASSESSMENT EVALUATION = (Using chart in Figure 1, RA falls into) :

Potential manufacturer service information, General Aviation alert, or Special airworthiness information bulletin (SAIB) (incident/voluntary inspections (Notify Public)) NOTE: AD will be revised.

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