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TO: South Dakota Aeronautics Commission

FROM: Jack Dokken, Office of Aeronautics

DATE: July 16, 2019

SUBJECT: Lake Area Technical Institute Donation

Lake Area Tech (LATI) is requesting funding from the State Aeronautics Fund to help expand their aviation program. They are going to launch a new two-year Professional Pilot program this fall. LATI is asking for \$30,000 for avionics acquisitions.

The attached presentation describes LATI's proposal in detail.



LAKE AREA TECHNICAL INSTITUTE

Cessna 172 N5133A

Requesting \$30,000 from the South
Dakota Aeronautics Commission to
Upgrade Avionics

Proposal

Remove old instruments, venture vacuum system, and radios; replace with new modern basic VFR displays, Com/Nav and Engine Indicating System



Benefits, Recognition & Accountability

- An investment in N5133A fills an existing gap in our basic VFR private pilot fleet.
- We will display the aircraft at open houses and/or airshows with prominent recognition of SD Aeronautics Commission
- We will use it for Young Eagles and orientation flight events to promote aviation.
- We will report flight hour usage, public events exposures, and aviation promotional events upon request

- N5133A
- 1955 Cessna 172
- Engine – Continental O-300 (145 HP)



Total Time Since Major overhaul 329.8

Total Time on Airframe 3852.3

Prop 8.5 since prop shop visit

The potential of N5133A as a Private Pilot training workhorse

- The airframe is low time and in excellent condition throughout
- The engine is also low time since overhaul
- The aircraft, with an updated basic VFR panel will be perfectly suited as a dependable primary trainer for private pilots.
- Student pilots will be able to get a private pilot rating at significantly less cost than a Cirrus or new Cessna

Airframe in excellent condition inside and out – No corrosion



Example of Previous Upgrades

Before



After



Example Recognition:

Instrument Panel a
Gift from South
Dakota Aeronautics
Commission



Thanks for Your Consideration!