

**Aircraft Maintenance and Repairs**

**FY2026 Request: \$1,400,000**  
**Reference No: 66300**

**AP/AL:** Appropriation

**Project Type:** Renewal and Replacement

**Category:** Public Protection

**Location:** Statewide

**House District:** Statewide (HD 1 - 40)

**Impact House District:** Statewide (HD 1 - 40)

**Contact:** Dianna Thornton

**Estimated Project Dates:** 07/01/2025 - 06/30/2030

**Contact Phone:** (907)465-5501

**Brief Summary and Statement of Need:**

This project provides repairs and maintenance for department aircraft fleet. These assets are crucial tools used to achieve the department mission to ensure public safety. Most components of aircraft must be maintained or replaced routinely to ensure safe operating conditions and to comply with various safety regulations.

Funding:	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	Total
1004 Gen Fund	\$1,400,000						\$1,400,000
<b>Total:</b>	<b>\$1,400,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,400,000</b>

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
<u>One-Time Startup:</u>	<u>0</u>	<u>0</u>
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

This project allows for the annual replacement of worn-out or obsolete equipment, such as propellers, radios, and landing gear. It will provide for fuel system maintenance and replacement of deteriorating equipment, as well as overhauls and repairs to department aircraft airframes and engines on an annual schedule. This is necessary to ensure the aircraft are airworthy, safe, dependable, and in compliance with federal regulations.

**Project Description/Justification:**

The Aircraft Section is responsible for maintaining department aircraft, including maintenance and replacement of engines, propellers, airframes, floats, avionics, and for ensuring Federal Aviation Administration (FAA) requirements are met. Frequent maintenance, parts replacement, modernization, and rejuvenation are required. Maintaining a regularly scheduled overhaul and repair cycle for department aircraft is essential.

Routine aircraft maintenance is especially critical as the time between airframe overhauls increases. Cessna aircraft and Piper Cubs should receive an overhaul of the airframe every seven years, especially when operating in a corrosive saltwater environment. In fresh water and inland areas, these airplanes should be overhauled every 14 years or 5,000 hours, whichever comes first. Any corrosion renders the aircraft no longer airworthy by manufacturers' standards and FAA regulations. Overhauling the airframes and landing gear extends the life of the equipment and ensures the safe

structural condition of the aircraft.

Maintaining an aircraft fleet is an ongoing process requiring a forecast of needs based on prudent aviation practices, equipment manufacturer recommendations, and normal wear and tear. Deferred projects are weighed against newer concerns to determine the final priority listing for necessary maintenance.

The information below is based on projected maintenance needs. Changing circumstances, equipment failure, etc., may result in reallocation of funds within the aircraft as needed. Operating personal services may be charged to this capital appropriation to coordinate and accomplish the repairs and maintenance needed.

The table below maps out a five-year maintenance plan, which was initiated in FY2025 with a \$1,900,000 capital appropriation. This \$1,400,000 request will keep that maintenance plan on track to ensure that the department’s aircraft fleet is fully operational for mission service delivery.

<b>Project</b>	<b>Total Cost FY2025</b>
King Air m350i Exterior Paint/Maintenance/Repairs	\$1,900.0
Robinson R44 Raven 1 Overhaul	\$250.0
Continental Engine Overhaul	\$1,200.0
Lycoming Engine Overhaul	\$800.0
Automatic Dependent Surveillance Broadcast (ADS-B)	\$350.0
Integrate Advanced Technologies into Existing Aircraft	\$1,000.0
2-PA-18 Overhaul and Conformity Rebuild	\$2,000.0
<b>Total</b>	<b>\$7,500.0</b>