




**EAST BAY REGIONAL PARK DISTRICT  
BOARD OF DIRECTORS MEETING  
AGENDA STAFF REPORT**

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<b>DATE</b>	November 21, 2023
<b>TITLE</b>	Authorization to Enter into a Contract with Advanced Helicopter Services to Replace Helicopter Main Gear Box in the Amount of \$116,845
<b>DIVISION</b>	Public Safety
<b>FROM</b>	Ernie Haga, Police Officer, Helicopter Pilot Joseph Kreins, Acting Chief Public Safety
<b>APPROVED</b>	Sabrina Landreth, General Manager 

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**RECOMMENDATION**

The General Manager recommends to the full Board of Directors to authorize a contract with Advanced Helicopter Services to perform maintenance work on helicopter Eagle 7 (N708PD) at a total cost of \$116,845.

**BACKGROUND**

The 2023 East Bay Regional Park District (Park District) budget has funding allocated for maintenance of the Air Support Unit's (ASU) two Airbus helicopters, which provide police and fire suppression services. On November 14, 2023, the Board Operations Committee reviewed this item and unanimously voted to recommend moving it forward for the full Board of Directors' consideration.

One of the ASU helicopters, Eagle 7, began service with the Park District in 2008 and flies consistently to provide Park District services. With the accumulation of flight hours over the years, it is now closing in on 6000 hours which means critical factory-recommended maintenance tasks are required. Federal Aviation Regulations state that maintenance affecting these major components must be done. Maintenance tasks now due include overhaul of the Main Gear Box (Transmission), replacement of the 'Starflex' main rotor hub, and replacement of the 3 hydraulic servos that control the helicopter blades.

Requests For Quotes were made to the three nearest available maintenance facilities: Corporate Helicopters, Advanced Helicopter Services, and Rotorcraft Support. Corporate Helicopters declined to submit a proposal. Rotorcraft Support provided the lowest bid, but the cost savings were offset and exceeded by additional costs to ferry Eagle 7 to the facility (Southern California), additional personnel and travel costs, lack of access to inspect and provide job oversight, and aircraft out-of-service extensions due to time and distance. Advanced Helicopter Services (local) is familiar with our aircraft, has completed many work orders with great success, and is more appropriate for the reasons listed above.

**ANALYSIS**

Accomplishing these required maintenance tasks will ensure continued operations with reliable components and will retain equity in the helicopter and avoid new-year cost increases. Furthermore, it is not recommended this maintenance work be deferred as the aircraft would be considered unairworthy until the work is done, and its loss would remove a valuable Park District asset.

**FISCAL IMPACT**

Funding in the amount of \$100,000 was approved in the 2023 budget, the remaining \$16,000 is allocated in the ASU Maintenance & Repair budget.



**EAST BAY REGIONAL PARK DISTRICT  
RESOLUTION NO: 2023-11-  
NOVEMBER 21, 2023**

**AUTHORIZATION TO ENTER INTO A CONTRACT WITH ADVANCED  
HELICOPTER SERVICES TO REPLACE HELICOPTER MAIN GEAR BOX IN THE  
AMOUNT OF \$116,845**

**WHEREAS**, the East Bay Regional Park District (Park District) is responsible for the safety and security of park users and resources throughout its parklands in Alameda and Contra Costa counties; and

**WHEREAS**, the Park District maintains a staff of Public Safety and Fire Department personnel trained and equipped to provide police, fire, and emergency medical services in recreation areas, backcountry, and urban settings; and

**WHEREAS**, the Park District has, for 50 years, used helicopters as the most cost-effective means of supporting these functions over a large territory; and

**WHEREAS**, the Park District has reviewed the Air Support Program and finds that providing required maintenance inspections and overhaul of critical helicopter components provides safety and flight performance capability for maximum effectiveness in all helicopter missions; and

**WHEREAS**, overhaul of the Main Transmission Gearbox, Hydraulic Servos, and Rotorhead will provide the Park District with its helicopter mission needs; and

**NOW THEREFORE BE IT RESOLVED**, that the Board of Directors of the East Bay Regional Park District hereby authorizes funding for installation of components to be allocated from established budget funds; and

**BE IT FURTHER RESOLVED**, that the Board of Directors of the East Bay Regional Park District hereby authorizes the expenditure of up to \$116,845 for this installation; and

**BE IT FURTHER RESOLVED**, that the General Manager is hereby authorized and directed, on behalf of the Park District and in its name, to execute and deliver such documents and do such acts as may be deemed necessary or appropriate to accomplish the intentions of this resolution.

Moved by Director \_\_\_\_\_, and seconded by Director \_\_\_\_\_, and adopted November 21, 2023, by the following vote:

FOR:

AGAINST:

ABSTAIN:

ABSENT:

