

APPROPRIATIONS REQUEST FORM OREGON HOUSE DELEGATION FISCAL YEAR 2010

DEADLINE FOR SUBMISSION: FEBRUARY 20, 2009

PLEASE NOTE: As required by the House Appropriations Committee, all requests will be made public on the requesting Member's website.

- 1. Project Title:** UH-60 MEDEVAC Thermal Imaging Upgrades
- 2. Organization Name and address:** FLIR Systems, Inc., 27700A SW Parkway Avenue, Wilsonville, OR 97070
- 3. Primary Contact name, phone number, mobile phone number, fax number and email:**
- 4. Project Location Address (if different from Organization):** Same.

5. Please describe the requesting organization's main activities, and whether it is a public, private non-profit, or private for-profit entity: FLIR Systems is a publicly, traded for-profit company incorporated in Oregon. It is a designer and manufacturer of thermal imaging systems for government and commercial uses.

6. Briefly describe the activity or project for which funding is requested (please keep to 500 words or less.)

The Army is pursuing product improvements to include thermal imaging systems on UH-60 aircraft to achieve a standard fleet configuration. The additional sensors and extended optics of this new configuration will permit aircrews performing MEDEVAC missions to more effectively detect and identify targets and/or survivors, significantly improve flight safety and provide critical intelligence for the aircrew to evaluate the situation prior to arriving on the scene. These upgrades will provide an electro-optical/infrared (EO/IR) suite with the latest hardware and software enhancements to safely and successfully accomplish the mission in both domestic and combat scenarios during the day, at night and in reduced visibility conditions.

Additional funds are required procure additional and upgrade previously fielded AN/AAQ-22 systems for Army National Guard Blackhawks in Oklahoma, New York, Kentucky and Minnesota. The Army National Guard Blackhawks are critical airborne platforms used in search and rescue, civil disaster response and evacuation scenarios domestically as well as MEDEVAC and CSAR missions when deployed. Improvements to the existing thermal imaging systems would include: a color camera, laser range finder, laser pointer, spotter scope and improved interface with the aircraft navigation system. In addition, aircraft with these enhancements can provide crucial MEDEVAC and search and rescue capabilities when the unit is deployed to Afghanistan, Iraq or some future theater of operations.

7. Has this project received federal appropriations funding in past fiscal years?
Yes.

7a. If yes, please provide fiscal year, Department, Account, and funding amount of any previous funding. 2009: \$2.6 million, 2008: \$1.8 million, 2007: \$2.6 million, 2006: \$4.0 million, 2005: \$5.4 million, 2004: \$2.0 million

8. Federal agency and account from which funds are requested (Please be specific –e.g. Department of Housing and Urban Development, Economic Development Initiatives account): Department of Defense, Aircraft Procurement, Army, Line #TBD, "Utility Helicopter Modifications"

9. What is the purpose of the project? Why is it a valuable use of taxpayer funds? How will the project support efforts to improve the economy and create jobs in Oregon?

What is the significance to the State of Oregon? The use of airborne EO/IR systems on the aircraft enhances an aircrew's ability to operate safely in conditions of obscured or reduced visibility, both day and night, and to reduce aircrew workload while enhancing mission success. The crew's safety will be dramatically improved because the advanced EO/IR system allows the aircraft to operate at a much higher altitude to avoid obstacles and small arms fire. The Oregon Army National Guard Blackhawks configured for the MEDEVAC and SAR missions pioneered the flight techniques utilized by FLIR-equipped MEDEVAC crews. The high-performance, gyro-stabilized thermal imager was designed and is produced in Wilsonville, OR. The additional systems will ensure that the production line remains at maximum throughput enabling FLIR to maintain full employment for the Wilsonville facility.

10. Have you requested funding for this project from other Members of Congress? If so, who? Yes, Senator Ron Wyden and Senator Jeff Merkley.

11. Funding Details:

a. Total project cost (all funding sources and all years): Total is unknown. Army National Guard and Army Reserve units deploying in the near future are frequently in contact with FLIR Systems about upgrading their existing Blackhawks.

b. Amount being requested for this project in Fiscal Year 2010: \$8 million

c. What other funding sources (local, regional, state) are contributing to this project or activity? (Please provide specific dollar amount or percentage.) N/A

d. Do you expect to request federal funding in future years for this project? Yes, as more Army National Guard and Army Reserve units show an interest in this upgrade to give existing Blackhawks a MEDEVAC and SAR capability.

e. Breakdown/budget of the amount you are requesting for this project in FY 2010.

(e.g. salary \$40,000; computer \$3,000):

All funding will procure thermal imaging systems and other equipment required to upgrade existing Blackhawks to give them a MEDEVAC capability.

f. Please list public or private organizations that have supported/endorsed this project:
N/A

g. Is this project scalable? (i.e. if partial funding is awarded, will the organization be able to use the funds in FY 2010?): Yes.