

The background of the slide features a large, circular, semi-transparent logo of the East Bay Regional Park District. The logo contains an eagle with spread wings, perched on a branch. The words "EAST BAY REGIONAL PARK DISTRICT" are written in a circular path around the eagle, and the word "EAGLE" is prominently displayed in the center. The entire slide has a dark blue background with a fine, light-colored dot pattern.

East Bay Regional Park District

Police Department

AIR SUPPORT UNIT

2024

Sergeant Fred Greer

Chief Pilot

Board Operations Committee

November 20th, 2024

East Bay
Regional Park
District



Healthy Parks Healthy People

EXPANDING OUR ROLE



SEARCH, RESCUE, EXTRACTION

When park users become injured or experience a medical emergency, many of these incidents occur in remote and inaccessible areas. If our district Air Support Unit could locate AND rescue downed park users, it would reduce response times and increase care capability due to the team's geographic expertise of the Park District.

STEPS WE HAVE ALREADY TAKEN



ASU HAS TAKEN INITIATIVE TO INCREASE ABILITY TO RESPOND AND ASSIST

- **Implemented a scanning communication system in the hangar to more quickly receive calls for help.**
- **Tactical flight officers are now attending intensive accelerated Emergency Medical Technician (EMT) courses.**

STEPS WE HAVE ALREADY TAKEN



- **Currently upgraded to EMT level medical bags with AED machines in the helicopters.**
- **Initiated efforts to strengthen network and train directly with county search and rescue.**
- **Implemented training on landings at all local hospital trauma pads.**

REAL RESCUES/REAL NEED



BRIONES



BAY POINT



WILDCAT



DEL VALLE

EQUIPMENT AND TRAINING



**THE ONLY FAA
SUPPLEMENTAL
TYPE
CERTIFICATE
SYSTEM
APPROVED FOR
OUR AIRCRAFT**

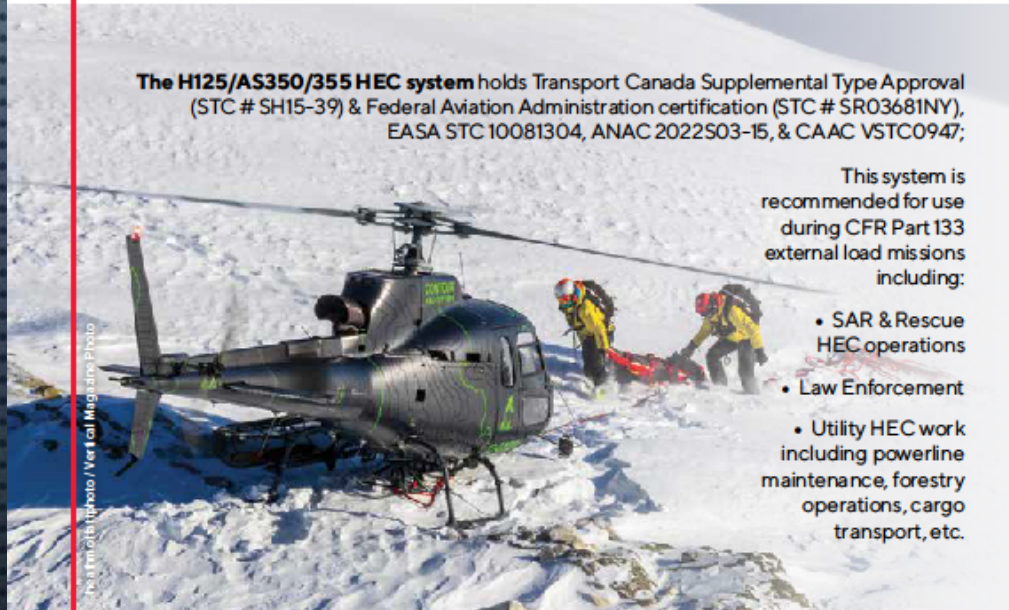
AIRBUS H125/AS350/355 SERIES HEC SYSTEM



The H125/AS350/355 HEC system holds Transport Canada Supplemental Type Approval (STC # SH15-39) & Federal Aviation Administration certification (STC # SR03681NY), EASA STC 10081304, ANAC 2022S03-15, & CAAC VSTC0947;

This system is recommended for use during CFR Part 133 external load missions including:

- SAR & Rescue HEC operations
- Law Enforcement
- Utility HEC work including powerline maintenance, forestry operations, cargo transport, etc.



Boost Systems' Airbus H125/AS350/AS355 Human External Cargo dual hook system is designed & developed to transport more people with enhanced safety, flexibility & capacity, saving time & potentially — lives.

The H125/AS350/AS355 HEC quick-release hook assembly installs in minutes & can remain on the helicopter through refueling & positioning flights - reducing maintenance requirements & optimizing helicopter availability.

WIDELY USED AND TRUSTED



BOOST HUMAN EXTERNAL CARGO SYSTEMS CLIENT LIST

APRIL 2024

AIR REGA

SWISS HELICOPTERS

BLUGESON HELICOPTERS

ELIOSBOLA

BELL HELICOPTERS

AIRBUS HELICOPTERS

STATE GRID GENERAL AVIATION COMPANY

SOUTHERN CHINA AIRLINES

NEW ZEALAND DEPARTMENT OF CONSERVATION

UNITED STATES NATIONAL PARK SERVICE

UNITED STATES NATIONAL FOREST SERVICE

PARKS CANADA VISITOR SAFETY

ROYAL CANADIAN MOUNTED POLICE

SONOMA COUNTY SHERIFFS OFFICE

MINNESOTA FIRE DEPARTMENT

MINNESOTA AERIAL RESCUE TEAM

NORTH SHORE SEARCH AND RESCUE

GOLDEN SEARCH AND RESCUE

NELSON SEARCH AND RESCUE

FERNIE SEARCH AND RESCUE

ROCKY MOUNTAIN SEARCH AND RESCUE

TETON COUNTY SEARCH AND RESCUE

SASKATCHEWAN POWER

FORBES BROTHERS

ESKOM POWER

ALPINE HELICOPTERS

ALTITUDE HELICOPTERS

CANADIAN HELICOPTERS

SAN ANTONIO POLICE DEPARTMENT

TOPFLIGHT ELITE TRAINING AND CHARTER

PAPILLON GRAND CANYON HELICOPTERS

MISSION SAFETY

HELICOPTER POWERLINE SERVICES

SLAVE LAKE HELICOPTERS

HELIQWEST AVIATION INC.

HIGH TERRAIN HELICOPTERS LTD.

HORIZON HELICOPTERS LTD.

KOOTENAY VALLEY HELICOPTERS LTD.

LR HELICOPTERS

SUMMIT HELICOPTERS

LOS ANGELES DEPT. OF WATER AND POWER

FEDERAL MINISTRY OF INTERIOR DEPT. POLICE AIR SUPPORT AUSTRIA

FEDERAL EMERGENCY MANAGEMENT AGENCY; PUERTO RICO POWER AUTHORITY

AIR ZERMATT

AIR GLACIERS

BLACKCOMB HELICOPTERS

ASCENT HELICOPTERS

BIGHORN HELICOPTERS

ARROW HELICOPTERS

AHLSTROM HELICOPTERS

A&J STEEL

DAM HELICOPTERS

COQUITLAM SEARCH AND RESCUE

ALBERTA WILDFIRE

COBRA AVIATION

DOONEY AVIATION

SINTON HELICOPTERS

YELLOWHEAD HELICOPTERS

METRO AVIATION

HELI EVEREST PTY. LTD.

HELIAIR SWEDEN

VOLTAGE POWER

HELI-1 CORPORATION

MASTERLINK CORPORATION

AXIS MOUNTAIN TECHNICAL

RIO TINTO ALCAN

6 POINTS ENGINEERING

ROTOR SUPPORT NEW ZEALAND

HELICOPTER LINE NEW ZEALAND

CONTOUR HELICOPTERS LTD.

COASTAL HELICOPTERS LLC

HILLSBORO AVIATION

LEADING EDGE HELICOPTERS

HELI OPS

HELI SUPPORT

PRECISION HELICOPTERS

ROKSTAD

SQUAMISH SEARCH AND RESCUE

VALLARD

FINN AIR

EAGLE HELICOPTERS

HOWE AVIATION

HIGHLINE HELICOPTERS

HELI WELDERS CANADA LTD.

TEAJIN AIRCORP

MUSTANG HELICOPTERS

HELI-INTER

VALLEY HELICOPTERS

AIRSPAN HELICOPTERS

TALON HELICOPTERS

ROTOR CRAFT SERVICES

SKYDANCE HELICOPTERS

REDDING AIR SERVICES

FIREHAWK HELICOPTERS

GLIDE AVIATION

BC HYDRO

HELI BERNINIA

ENGLISH AIR SERVICES

CAPITOL HELICOPTERS

SALMON RIVER HELICOPTERS



BOOST

HUMAN EXTERNAL CARGO

SYSTEMS

SYSTEM IN ACTION



OTHER ADVANTAGES



EXTERNAL LOAD AIR SUPPORT SERVICE TO THE DISTRICT

With completion of this training and installation of the equipment, ASU can implement Long Line Utility services, in addition to rescue services to the entire Park District.

- **Insertion/extraction of Fire Fighters.**
- **External load capabilities to insert/recover District equipment from remote areas.**

BOOST SYSTEM PACKAGE



INCLUDED:

- **All needed hardware for both helicopters.**
- **All lines, harnesses, connections and equipment.**
- **Full training package for Pilots and Tactical Flight Officers**
- **Full installation by advanced helicopter services.**

ASSOCIATED BUDGET COSTS



FISCAL IMPACT

BOOST Systems Vendor

- Highly experienced advanced helicopter systems installation with performance that is reliable and safe.
- Local and long-term professional relationship

Funding identified within Public Safety budget with a total project amount of \$158,000.

RECOMMENDATION



The Air Support Unit highly recommends this addition of training and equipment to dramatically increase life saving capabilities for our park users, and act as a larger resource to the Park District as a whole.

QUESTIONS?



THANK YOU!