



The Official Daily Newsletter of the Airborne Law Enforcement Association Annual Conference

AIR BEAT
today



Today's Weather: 94 degrees, partly cloudy, chance of thunderstorms



GPS Drawing at ACROHELIPRO

ACROHELIPRO Global Services will be giving away a Garmin GPS 96 today at 2 p.m. Stop by booth 1113 and put in your business card for a chance to win and to learn more about the company's services.



Safety Light Could Replace Road Flares

The PowerFlare® Electronic LED Safety Light, invented by a California police officer, eliminates the fire hazard, environmental impact, and needless cost of incendiary road flares. The PowerFlare® beacon is ultra-compact, yet tough enough to withstand being run over repeatedly by heavy vehicles. Emitting a 360-degree LED light array visible for miles, PowerFlare® lights offer superior visibility and safety. It works in extreme temperatures and in HAZMAT and volatile chemical situations. The PowerFlare® Safety Light can be worn on personnel, used for traffic safety, helicopter landing zones, search and rescue, crime scene investigation, triage operations, disaster preparedness, or covert tactical operations. Stop by booth 122 for a demonstration today.

TODAY'S CLASS ACT:

**0900 - 1000 • Room 287
UAV's: Threat, Hyperbole or Compliment to Airborne Law Enforcement?**

Recognized UAV expert, Troy Beshears, will discuss all of these aspects related to the evolving use of UAV's in the military and their proposed use in American law enforcement. This class promises to be very interesting, provocative and informative.

**TOMORROW:
0800 - 1200 • Room 295
Marijuana Eradication: Operations, Aerial Detection, Investigation and Training.**

Experts from the Indiana State Police provide valuable insights into successful cannabis enforcement actions not only in Indiana, but nationwide. Representatives from National Guard Bureau and the Office of National Drug Control Policy will also discuss state military assistance and federal policy in this enforcement effort. This is the first ever Saturday plenary session on this topic.

ALEA COMEDY NIGHT
Friday Night Live

The New Orleans Hilton Riverside Hotel in the Grand Ballroom. 7:00 pm - 11:00 pm
Join us for great food and lots of laughs!

PHR asks..
PRECISION HELIPARTS
HOW GOOD A PILOT ARE YOU?

SHOW OFF YOUR SKILLS AT OUR BOOTH (#810) TO WIN YOUR OWN REMOTE HELICOPTER OR OTHER GREAT PRIZES!
(Offer good while supplies last)

Accessories * Instruments * Avionics
Overhaul - Repairs - Exchange - Sales

"Others sell parts, WE SELL SUPPORT"

Atlanta, GA
495 Lake Mirror Rd. #800G
Atlanta, GA 30349 USA
404-768-9090
FAX 404-768-9006
http://www.heliparts.com
FAA Repair Station PY8R545X

Vancouver, BC
#403-17768 65A Avenue
Surrey, BC V3S-5N4 Canada
604-575-0236
FAX 604-575-0237
http://www.heliparts.ca
D.O.T. #92-02

AFS Donates \$10,000 for Unit's Paint Scheme



The combined forces of the Metro Air Support Unit in St. Louis, MO, are wearing new colors thanks to a generous donation by Aerospace Filtration Systems (AFS), a St. Louis-based company. The unit has repainted their helicopters in a classic scheme reminiscent of the black

and white patrol cars once widely used by law enforcement agencies in the U.S. The \$10,000 donation from AFS kicked off the process of transforming the aircraft with the new universal paint scheme. One of the newly painted MD 500E helicopters is on display at booth 620.

Airborne Heroes Honored with FLIR Vision Awards



FLIR Systems, Inc. was proud to present the 2006 Vision Awards to airborne police heroes at the 29th Annual Pig Pickin' party last night.

First place was awarded to the King County Sheriff's Office Air Support Unit, Deputies Ken O'Neal (Pilot) and Keith Potter (Tactical Flight Officer). Second

place was awarded to the Brevard County Sheriff's Office Aviation Unit, Deputy Pilot Chris Sands and Deputy TFO David Altman. Third place was awarded to the Los Angeles County Sheriff's Department, Deputy Rick Magdaleno (Pilot) and Deputy John Racz (Tactical Flight Officer).

The Vision Awards commend state and local law enforcement agencies for contributions to public safety through the best use of tactical airborne thermal imagery. Winners are selected from video submitted by agencies throughout the year prior. In the upcoming issue of Air Beat magazine, further details about the winners will be shared.

Vision Award winners each receive FLIR jackets, a commemorative plaque and a donation to the charitable organization of their choice. FLIR salutes all those who choose to serve and protect within the airborne law enforcement community and will continue the endeavor to support them with the highest quality products and services.

Today's Events

- 0800-1200**
Main Conference Classes
Morial Convention Center, Hall J
- 1000-1600**
Exhibit Hall Open
Morial Convention Center
- 1200-1300**
Lunch Crawl, Expo Hall
Morial Convention Center
- 1300-1600**
Vendor Briefings
Morial Convention Center
- 1500-1600**
ALEA General Business Meeting
Convention Center, Room 291
- 1900-2300**
Friday Night Live
Hilton Grand Ballroom



It took more than 24 hours to cook last night's meal for ALEA's Annual Pig Pickin' gathering. Attendees were then entertained by the antics of Piano Madness, sponsored by MD Helicopters.

Powered by Turbomeca



Whether it is performing a vital search and rescue mission or a simple transport, flight crews from all over the world have come to rely on the Arriel engine to provide them with the maximum power and performance to take on any mission. www.turbomeca.com




A Picture is Worth a Thousand Words!





Come Visit the Downlink Experts @ Booth 236



MISSION



American Pride Rising to New Heights
lawenforcement@mdhelicopters.com
 800.310.8539



mdhelicopters.com

ASU's New 6015 Edge Monocular

Available exclusively from Aviation Specialties Unlimited, the 6015 Edge (made by ITT) is a top of the line Pinnacle monocular. As an upgrade to the NE6015 monocular system, the 6015 Edge has the latest tube technology, an impressive list of included accessories and an amazingly short delivery time. This system has the same visual quality and performance as in the popular F4949 Aviator Night Vision Goggles. The unit price starts at \$3,895, with discounts for quantity purchases. Visit Aviation Specialties Unlimited at booth 1018 for more information.




Downlinks Systems Help FL Mutual Aid Effort

The Alachua County Sheriff's Office is one among 12 Florida counties that has ordered a microwave silhouette receive system to unify their existing BMS microwave downlinks allowing aerial video to be transmitted live to ground receivers across district lines.

Tying into existing analog microwave downlink systems, the Alachua County Sheriff's Office spearheaded the purchase of multiple complete 6 GHz downlink systems that are being distributed to participating agencies within North Central Florida. These downlink systems will operate seamlessly so that all 12 neighboring counties can provide mutual aid throughout the four of Florida's seven participating Domestic Security Task Force Regions. This area spans from the Panhandle of North Florida to Osceola County in Central Florida and is one of the largest mutual aid downlink systems in the country.

Please visit BMS a booth 236 for more information on downlink system solutions for your agency.

Take A Seat At Booth 924



Fischer + Entwicklungen is pleased to present their range of lightweight and comfortable crashworthy seats, which can be seen today at Booth 924. Passenger, crew and troop seating is designed to increase safety and provide mission critical features. This operator seat is height adjustable, swivels and offers many features for multi-mission capability. Please visit Jeff Hall or call him at 719-527-4800.

Valve Regulated Lead Acid Battery Outperforms Conventional



The Concorde turbine starting battery will outperform a well-serviced nickel cadmium at low temperatures and provides safe and reliable operation at high temperatures. It is capable of multiple engine starts with short flight durations. Recognized for superior starting power and reliable essential power in the event of a generating system failure, Concorde Batteries are virtually maintenance free at a fraction of the cost of nickel cadmium or other lead acid batteries. RG Series batteries ship regular freight, non-hazmat, and they arrive fully charged, factory tested for airworthiness, and designed to install with little to no onboard modifications. All Concorde aircraft batteries rated for turbine engine starting may also be used for emergency power. Learn more by visiting Concorde Battery at Booth 717.

Communication Drop Cords

Avionics International Supply, Inc. will introduce their Custom Communications Drop Cord today at booth 927. They are constructed with polyurethane jacketed cords (24 AWG conductors), heavy gauge ABS plastic cases and fluid resistant switches. The sealed volume control provides a linear reduction in volume level without fully eliminating audio at the minimum setting. Universal styles are equipped with a "mic mode" dipswitch that allows the cord to function in both direct and mic audio interrupt installations (Hot Mic function). All cord assemblies, unless noted, are fabricated with 14 inches of coil and six inches of straight cord on the case and connector end.



aerodata
 [precision in special mission]

Aerodata Displays Mission Tools



Aerodata focuses on navigation and mission management tools for helicopters, global communication equipment and fleet management tools. At booth 822, Aerodata will present its developments regarding police and surveillance helicopters, including operator workstations. The latest development of the AeroNav/C, which is a compact hybrid position and altitude reference system for the use as a basic sensor in various applications onboard helicopters and fixed wing aircraft, will be showcased.

Starter Generator Exceeds 1500 Hours

Pete Martin, mechanic for the Mesa Police Air Support unit, returned a starter generator to NAASCO for overhaul with the patented "Mercury Mod" improvements. Martin stated this unit has been on all three of their aircraft. It was removed from the first aircraft with 29.6 hours TSO for trouble shooting the charging system of a second helicopter. It accumulated 1,448.4 hours on this ship and was then removed for the recommended overhaul. Experiencing charging system problems on their third MD500, the unit was installed on this aircraft and flew for another 130 hours without any problems. Pete's final word on the subject, "I think it's possible for these generators to last 1800 hours. Let me know if you want us to try it." Stop by and visit Jim Leslie today at Booth 1013.

Paravion Displays New 3-D Map System



At booth 540, Paravion Technology is displaying its latest generation of a three-dimensional moving map system that will be released soon. The system is designed for command center and airborne applications. Stop by today for a demonstration.

Aviation Instruments Becomes MCI Center

Precision Avionics & Instruments has been named an Authorized Repair and Overhaul facility for Mid-Continent Instruments (MCI) 4300 series gyros. MCI is an industry leader in the manufacturing of aircraft instrumentation and avionics. Visit Booth 339 for more information.



Deputy Newell Normand (ar right) of the Jefferson Parish (LA) Sheriff's Office takes delivery of a new mission-equipped Bell 407 yesterday.

The Best System Performance



Air-to-Ground DHS solution components:



GOODRICH
 Hoist and Winch



800-456-5668

Visit Booth 706

White Light HID/IR LED Dual Mode Searchlight



Our latest searchlight innovation delivers:

- Substantially longer lamp life
- Lower lamp power draw
- Reduced maintenance
- No blackout when switching modes

Also available in Single Mode HID Searchlight.

MARKIV **Luminator**
 On Board Since 1934

800-388-8205 | www.luminatorusa.com | lapsales@luminatorusa.com