



## **HELICOPTER SAFETY ADVISORY CONFERENCE**

**May 5, 2011**

**Hilton Lafayette**

**Lafayette, LA**

## **MINUTES**

### **INTRODUCTION**

- Chairman Mark Fontenot called the meeting to order at 08:30 and welcomed members and guests.
- Introduction by attendees and read Antitrust Statement
- The meeting was dedicated in remembrance of our friend and fellow HSAC member, Robert Everett Moss, whose untimely death occurred on April 27, 2011. (*attachment #1*)

## **HSAC WORK GROUP COMMITTEE REPORTS**

### **Recommended Practices (RP) Committee – Mark Adolph**

- One RP to submit, RP 2011-02
- Where are we going? Suggested future goals for HSAC:
  - ❖ HAI website sponsorship and update Steering Committee
  - ❖ OCC Leadership engagement should be a high priority
  - ❖ IHST involvement/Advertisement for IHST thru HSAC/HSAC Representative needed for IHST
  - ❖ HEMS invitation sponsorship AMSAC/AMOA
  - ❖ HSAC Annual Statistical Data Management / Who will replace Bob Williams?
  - ❖ Invitation to Line Pilots, Safety Representatives, and Maintenance personnel from all organizations
  - ❖ Additional sharing required for FDM Development/HUMS/Enhanced Operational Control (EOC)
  - ❖ Incident or Event Sharing/Lessons learned / Regenerate operators forum
- Is HSAC serving the Members and the Users?



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### **IHST/HSAC Interface – Terry Kaufman**

- Hurricane Preparation (*attachment #2*)
- Terry Palmer, Flight Safety
  - ❖ IHST Update
  - ❖ Visit the website [www.ihst.org](http://www.ihst.org) and note box on the right of the home page titled “IHST Tool Kits.” There is good information on SMS, Training, Risk Assessment, HDFM, and Maintenance tool kits.
  - ❖ The number of simulators is growing.
  - ❖ Largest group of accident is training accidents.
  - ❖ Technology training
  - ❖ More specialized/technical training needed for EMS operations.
  - ❖ If you want FSI to provide maintenance training in Lafayette, FSI needs a letter from its Customers.

### **Technical Committee – Pat Roberts**

### **Aerial Observation Committee (AOC) – Cort Andrews**

- AOC Action Plan (*attachment #3*)
- Aerial Patrol Flight Hours and Accident Statistics (*attachment #4*)

### **Bell Helicopter Update**

- Dave Downey
  - ❖ Bell Incident/Accident Update
- Jim Knight
  - ❖ 407GX
    - Garmin G1000HTM provides critical flight information at a glance
    - Provides for greater situational awareness and safety
  - ❖ LED Lighting
  - ❖ New polycarbonate windshields available on new production BH407s. Retrofit for 407 will be available at a later date.

### **Jared Simon: Presentation on LAMP Program**



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### **HSAC COMMITTEE REPORTS**

- **Treasurer's Report – Joe Gross**
  - ❖ **See attachment #5**
- **Secretary's Report**
- **Vice Chairman's Report**

### **Government Liaison – Dana Raaz**

- **BOEMRE Discussion**
  - ❖ **Unannounced landing**
  - ❖ **Inform helicopter operator 24-hours in advance?**
- **Rick Moore – Governor's Office of Homeland Security and Emergency Preparedness**
  - ❖ **Louisiana Department of Homeland Security (800) 434-8007**
  - ❖ **[LaFusion.Center@dps.la.gov](mailto:LaFusion.Center@dps.la.gov)**

### **General Discussion – Mark Fontenot**

Is the current form and function working ? Is this forum providing the tools to enhance safety and keep the course towards eliminating accidents ?

### **Heliport and Airways – Ken Kersker**

- **Helideck Paint Schemes**
- **Presentation to OOC on paint schemes**

### **Allan Overbey – FAA ADS-B Program**

- **ADS-B Update**



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**Duane Davis – Fish Spotter**

- Fish Spotter's map has been updated

**Next HSAC Meeting will be on October 5<sup>th</sup> and 6<sup>th</sup> at SHERATON – JFK Boulevard in Houston, Texas.**

# David Funeral Home

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## Robert Everett Moss

(February 3, 1965 - April 27, 2011)

Erath - A Mass of Christian Burial to honor and celebrate the life of Mr. Robert Everett Moss, 46, will be held at 3:00PM on Friday, April 29, 2011 at Our Lady of Lourdes Roman Catholic Church with Fr. Herb Bennerfeld officiating. Visitation will be held at David Funeral Home of Erath on Thursday, April 28, 2011 from 4:00PM until 9:00PM with a recitation of the rosary at 7:00PM. Visitation will resume on Friday, April 29, 2011 at 8:00AM until the time of service. Interment will follow at Our Lady of Lourdes Cemetery.



A native of Port Arthur, Texas and a resident of Erath, Mr. Moss passed away at 11:28AM on Wednesday, April 27, 2011 at a local hospital. Robert was a loving husband, father, son-in-law, and uncle. After graduating from Erath High School, Robert enlisted and served with the Army National Guard for six years. He was an accomplished pilot in both planes and helicopters. He was lucky as to have a job that he loved. He was employed at El Paso Corporation for 20 years and was currently the Offshore Aviation Manager and took many men under his wing to assist in training or mentoring. That's who he was, always helping, sharing knowledge and showing kindness and fairness to all. Everett had a unique outlook on life and everyone felt love and happiness in his presence. He loved traveling, hunting, fishing and hanging with family and friends. There was never a minute missed in living his life. He will be sadly missed by his family, extended family, friends, and co-workers.

He is survived by his loving wife, Rita Stoute Moss of Erath, children, Alfred John "A. J.", Shelby Hannah, and Riley Daniel Moss all of Erath; mother and father-in-law, Clovis and Stella Stoute of Erath; and many nieces and nephews.

He was preceded in death by his parents, John M. and Ella Mae Moss; maternal grandparents, Robert and Agnes Boudreaux Moss; and paternal grandparents, Maurice and Mary Moss.

Serving as pallbearers will be Sean Bodin, Ryan Kirkconnell, Paul Trahan, Guy Nerren, Nathan LeBlanc and Chris LeBlanc.

David Funeral Home of Erath, 209 E. Putnam Street, (337) 937-0405 will be handling the arrangements.

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# HURRICANE SEASON 2011



**HSAC/GOMEX  
SEASONAL  
INFORMATION**

# 2010 HURRICANE SEASON



## **U.S. and Caribbean**

19– NAMED STORMS

12– HURRICANES

5- MAJOR HURRICANES

0- U.S. Landfalls



# 2011 HURRICANE SEASON

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- “We continue to foresee well above-average activity for the 2011 Atlantic hurricane season”
- “We continue to anticipate an above-average probability of U.S. and Caribbean major hurricane landfall”
  - *Philip J. Klotzbach and William M. Gray*

# 2011 HURRICANE SEASON

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- **U.S. and Caribbean**

Forecast for 2011:

16 – Named Storms

9 – Hurricanes

5 – Major Hurricanes

# 2011 HURRICANE SEASON

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## ▣ **U.S. Landfall Probability**

- ▣ Entire U.S. coastline - 72%
- ▣ U.S. East Coast Including Peninsula Florida - 48%
- ▣ Gulf Coast from the Florida Panhandle westward to Brownsville - 47%
- ▣ PROBABILITY FOR AT LEAST ONE MAJOR (CATEGORY 3-4-5) HURRICANE TRACKING INTO THE CARIBBEAN - 61%

# 2011 HURRICANE SEASON

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## □ **Hold planning meetings**

*You haven't started???*

- Managers
- Employees
- Customers
- Update contact info
- Evacuation sites

# 2011 HURRICANE SEASON

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- Roles and responsibilities
- Necessary equipment
  - Inventory
  - Repair
  - Purchase

# 2011 HURRICANE SEASON

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- Plan early
- Aggressively manage assets
- Communicate

# 2011 HURRICANE SEASON

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## □ Informative web-sites:

Colorado State University

□ [www.hurricane.atmos.colostate.edu/Forecasts](http://www.hurricane.atmos.colostate.edu/Forecasts)

□ Landfalling Probability Webpage

■ [www.e-transit.org/hurricane](http://www.e-transit.org/hurricane)

**Aerial Observation Action Plan****As of 10/2010**

Target Date Column Status: Green = complete or up-to-date w/plan Yellow = Actions due at next mtg Red = Overdue Actions

ITEM #	Issues	Mitigating Strategy	Responsibility	Tgt Date	Status
1	Optimal radio frequencies: 121.5/122.75 while patrolling	Information	Mark	May-08	done
2	Pilot/Observer Training to include CRM	RP/Guideline	Ted & John/El Paso, Cort, Greg/Barr		Final draft completed, presented to HSAC body, awaiting placement on website
3	Pipeline Patrol Operations in mountain terrain	RP/Guideline	Greg/BARR	Jan-10	initial draft prepared, to be circulated through AOC group, formalized at Jan meeting for approval of HSAC body. Formatted and present to Steering Committee 1/13/10
4	Crew size for pipeline patrol aircraft	RP/Guideline	Patrick/ Shell John/ Shell	Jan-12	Review OGP Standards
5	OGP/AMG update	Information	John/BP	May-10	Appendix 11 - still being reviewed by OGP see item 11, John to communicate non commitment to recommended items (4) to OGP aviation subcommittee
6	Low level waivers: process with FSDO	Information	Marion/Spectra John/TC	TBA	recommended that guidelines for completing form 7711-2 (low level waiver) be placed on the HSAC website
7	Workshop with API/AOPL	Aerial patrol Info	Pat/Shell, Bill/Airborne, Jim/BP, Cort/Barr, Dennis/Reynolds, Mark/Chevron	Oct-09	patrol effectiveness issues, flight safety policies and coordination and management issues discussed. Bill to consolidate responses for distribution to group.

Discussed standardizing with FAA





## 2010 Notes

On 4/20/11 the NTSB “released its preliminary annual aviation statistics for 2010, and while U.S. scheduled Part 121 airlines and Part 135 commuters suffered zero recorded fatalities, GA's numbers, though improved, were less fortunate. Year over year, general aviation accidents declined. **Out of 1435 GA accidents in 2010, 267 were fatal, resulting in 450 deaths, including three on the ground.** On-demand operators, a category that includes medical, charter, air taxi, and air tour flights, saw an overall decrease in accidents from 47 in 2009 to 31 in 2010, but that trend went against the segment's fatality statistics. On-demand operators suffered an increase from two fatal accidents in 2009 to six in 2010.

**U.S. general aviation logged 20.9 million flight hours in 2010, according to the NTSB, and recorded 6.86 accidents per 100,000 hours.** Fatalities for the segment were recorded as 1.27 per 100,000 flight hours. That tops the charts. On-demand operations recorded 1.05 accidents per 100,000 flight hours with a corresponding fatality rate of 0.2. That accident rate bests that of commuter operations, which recorded 1.899 accidents per 100,000 hours but left no fatalities.” (Avweb)

# 2010 Notes (continued)

## U.S. and Canada Patrol Accidents

(No flight hours received from either of these companies – do we include in accident rate?)

- 11/3 – Meeker, CO Bell 206B

Struck electrical lines during gas leak detection flight - 1 fatality, 1 serious injury

- 11/24 – Velma, OK Cessna 172

Appears to have stalled when circling low level – 1 fatality

## Other Patrol/Surveillance Accidents for Discussion (not included in accident rate)

- 2/11 – Federal public use flight - King Cove, AK Piper PA-18-150

Engine power failure due to probable carburetor ice buildup – substantial damage to both wings – 2 uninjured

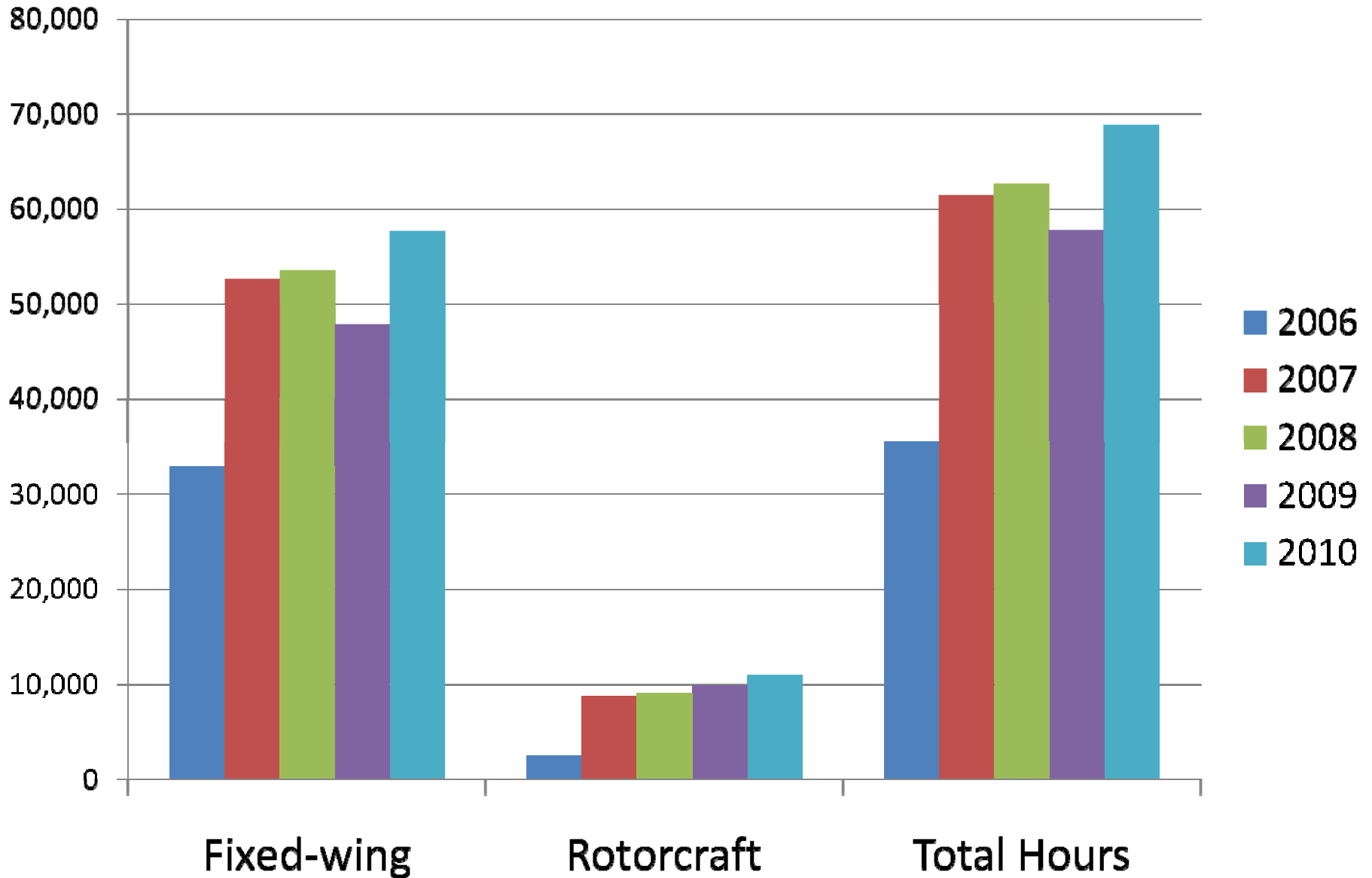
- 4/2 – Wildlife patrol - Stony River, AK Piper PA-18-150 (ski equipped)

Pilot landed downwind on a frozen lake and lost control trying to turn around - substantial damage to both wings – 1 uninjured

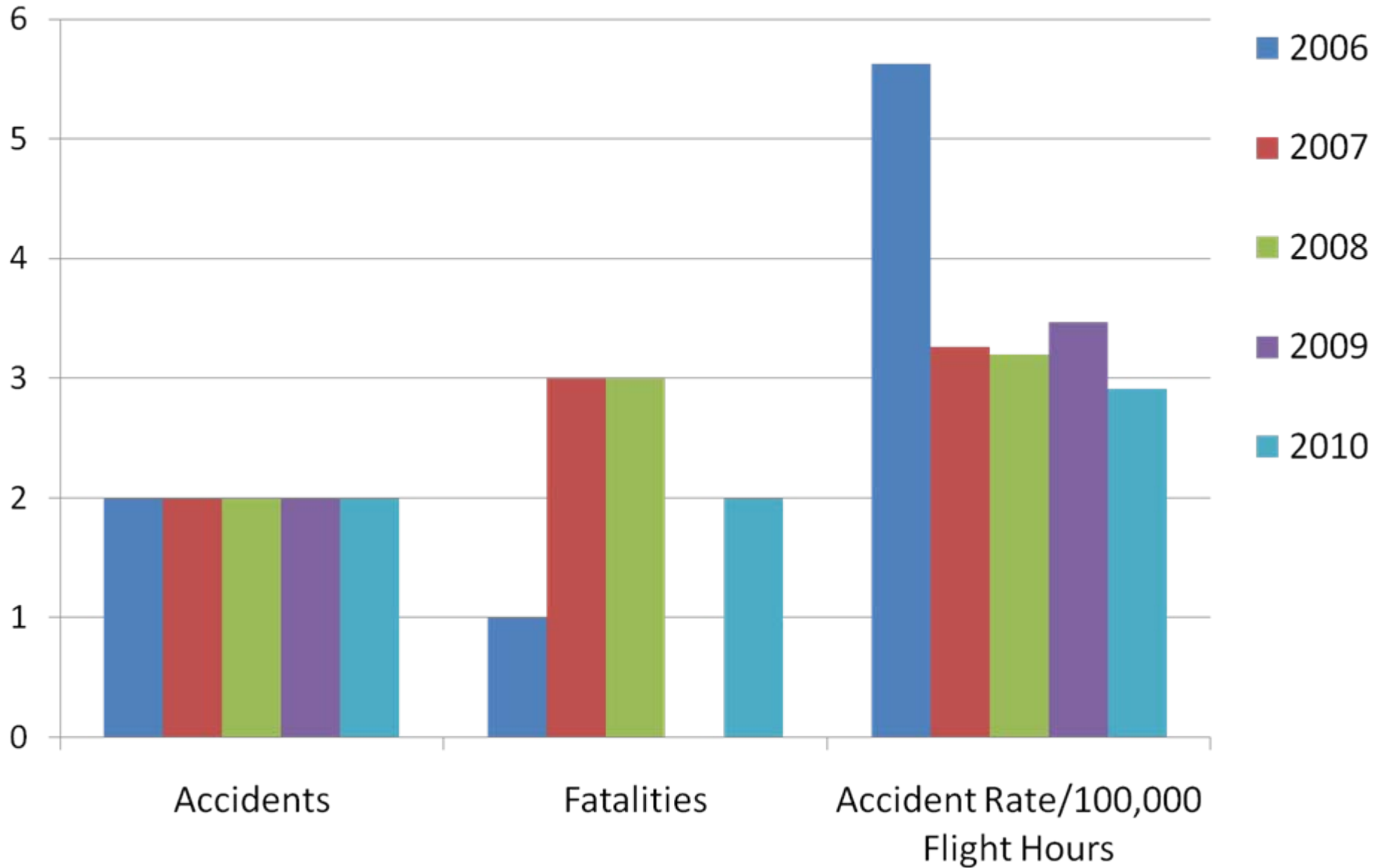
## 2010 Notes (continued)

- 4/7 – Police surveillance flight – Ponce, Puerto Rico Cessna 404  
Right engine surged on takeoff, feathered prop, still descending made forced landing  
3 uninjured
- 5/7 - Police surveillance – Borrego Springs, CA Cessna T206H 1 fatal  
Collided with mountainous terrain – closest weather reported 10 miles, clear, 5k wind  
1 fatal
- 8/19 – Japanese Coastguard – Japan Bell 421EP  
Struck offshore power lines – 4 fatalities/1 missing
- 8/30 – U.S. National Wildlife Service law enforcement flight Aviat A-1B  
Precautionary landing on sandbar due to oil temp increasing and pressure  
decreasing – left wing hit brush causing right wing and prop to strike the ground  
1 uninjured
- 10/15 – Missouri State Hwy Patrol – Bell 206B  
Impacted terrain during VMC – Private Pilot - 1 fatality

# HSAC – 2010 Aerial Patrol Flight Hours



# Aerial Patrol Accidents



## 2010 Flight Hours Collected From the Following Operators

- Aero Plus
- Airborne Solutions
- Aviation Specialists
- Barr Air Patrol
- Blue Sky
- BP
- Chevron (rotorcraft)
- El Paso
- Enbridge
- Explorer
- KCSI
- Kenai
- Kenan
- NiSource
- Southern Union
- Reynold's
- Skywatch
- Spectra
- TAF
- TransCanada

# 2011 Notes

## U.S. and Canada Patrol Accidents

- 3/19 Puyallup, WA      Cessna TU 206G      Minor Injury  
CAP training flight  
Began to sink when turning final
  - full throttle applied but “engine did not power up”
  - switched tanks on downwind and pump turned on
  
- 3/24 Ashland, ME      Cessna A185F      One Fatality  
Dept. of Inland Fisheries and Wildlife  
Possibly weather related (occasional ½ mile vis. - snow)





# HSAC Contributors – 2011

Anadarko Petroleum Corp.	\$1,000
BP Americas	\$1,000
Bristow U.S. LLC	\$1,000
Greater Lafourche Port Commission	\$1,000
Hess Corporation	\$1,000
PHI, Inc.	\$1,000
Skynet Satellite Communications	\$500

Total: \$6,500



## 2011 HSAC Bank Account Activity 1 Jan – 10 May

<b>Opening Year Balance</b>	<b>\$ 37,020.60</b>
<b>Contributions</b>	<b>\$ 5,500.00</b>
<b>Expenditures</b>	<b>\$ 9,789.00</b>
<b>To Date Balance</b>	<b>\$ 37,020.60</b>
<b>Net Difference</b>	<b>+ \$ 9,211.00</b>



# 2011 Summary

## HSAC Contributions vs. Expenses

