



# HSAC

Helicopter Safety Advisory Conference

Safety Through Cooperation  
Since 1978

# Aerial Observation Committee Summary

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## Agenda

- |  |             |
|--|-------------|
| • Safety, Incident Reporting, and Shares | Tom Buchner |
| • RP: Technology in Cockpit              | All         |
| • IOGP 694 Patrol                        | De Jansen   |
| • RP: Maintenance                        | All         |

17 Participants: Aerial Patrol, LLC, Barr, BP, Chesapeake Bay Helicopters, Dow Chemicals, Exxon, Energy Transfer, Hawkeye Helicopters, KCSI, KinderMorgan, Shell



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## Safety, Incident Reporting and Shares

- Accidents per 100,000 flight hours: GA Non Commercial Fixed Wing 5.27, Commercial Fixed Wing 2.17 (approx. half are crop dusters); **Aerial Patrol Industry 2.58; Aerial Patrol HSAC 0.93 (these have both shown a decrease in the last year – which is good)**
- Alcova, WY C-182 Patrol Fatality 3/2023 Final Report is pending, but is expected to be related to an isolated wind shear event and resulting stall
- Voluntary Safety Share: Importance of effective pre and post flight procedures in the safety chain
- Voluntary Safety Share: Post maintenance check flight procedures and ensuring that flight crew are aware of the maintenance that was performed
- Voluntary Safety Share: Bifold hangar door catastrophic failure. Keep people and equipment clear of opening and closing doors. Do not move aircraft while door is in transition.



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## Recommended Practices Updates

- 2008-01 Flight Following
  - Document review completed in October, revisions made by the group were incorporated
  - Has been submitted to HSAC Board for Approval
- 2006-01 Preferred Maintenance Guidelines
  - Document will be shared with group for individual editing with tracked changes. Revisions will be incorporated into a single document
- 2024-01 Aerial Mapping Technology Use During Pipeline Patrol
  - Basic outline drafted in this meeting
  - Text will be put to this outline and will be shared with the group for revisions



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## **IOGP 694 Fixed and Rotary Wing Survey**

- De Jansen (Shell) and Alan Combe (BP)
- Scope includes Pipeline, Oil Spill, Sea Life, Bird Count, Methane, etc.
- Draft is in development
- Requires liaison, input, and participation from various industry groups including HSAC as they need survey SME's in the group
- Intention is to establish the IOGP documents with the operators, not just hand down to the operators
- Looking for volunteers to participate in biweekly meetings on Tuesdays
- Will provide HSAC RP's to IOGP for reference



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## Next Meeting

Discuss the impossible turn and human factors – how to break the human factors related to these incidents

## Future Guest Speakers

- AOPA Air Safety Institute (postponed)
  - Outline of their safety training resources
  - Review of their training database
  - Backcountry flying risk overlap with aerial patrol
  - Get the AOPA “How to teach and build a culture of safety”
- National Rescue Command Center – What Happens When an ELT is Activated