National Response Directorate
2018 Aviation Workshop
Disclaimer

This content is a supplement to the topics and content required by the Operations Policy Manual for Aviation Workshops.

It is **not** a replacement for that annual Aviation Workshop or its prescribed content.
• Safety and mishap reporting
• Facility inspections and reporting
• General reminders
• Aeromedical factors
• ORM (operational risk management)
• Communications
• AUXDATA Order Management (AOM) System
Training and Safety

• Mission success is important but SAFETY is our primary concern
• Train to “proficiency” not just enough to “qualify” or “requalify”
• Don’t just be a member of the “Minimums Club” – Training Drives Proficiency
Mishap Reporting

• Auxiliary Operations Policy Manual (M16798.3E) requires “any individual or unit with 1st hand knowledge of a mishap” is to report these incidents, with or without injuries
Mishap Reporting

• Report mishaps religiously and without fear of criticism through the Flight Safety function (Auxiliary and Active Duty Flight Safety Officers)

• All Districts report all mishaps to:
  Dr. Jeffery Kyff, Branch Chief, Flight Safety (BC-RAS)
  Baron138q@aol.com
  Aviation Division
  National Response Directorate
• Compliance with either:
  – Annual / 100-hour inspections
    – or
  – Approved progressive inspection program

AND

• Oil Analysis at 100-hour (maximum) intervals
  • Documented and reviewed with aircraft’s mechanic
  • Compliance with lab/mechanic recommendations
Reporting Requirements

• Owner provides to District/Region leadership
  • Each inspection, event, oil analysis
    • Date and aircraft time
• District/Region leadership records
• Spread sheet is available to air station
• Spread sheet is shared with CGHQ quarterly
• All above is required
Reporting Requirements

• Failure of an owner to comply with timely maintenance reporting requirements may lead to the loss of AV program "operational" status for an aircraft
• Failure of a District/Region to comply with timely maintenance reporting requirements may lead to loss of District/Region AV program "operational" status for all aircraft
Reminders

• EPIRB’s
  – Registration with NOAA must be updated every 2 years
  – Battery – check expiration date

• Life rafts
  – Inflation check & inspection
  – Expiration dates of contents
Reminders

• Personal Equipment (PPE)
  – Inflation test & inspection
  – Expiration dates:
    • Inflation cartridge(s)
    • Pyrotechnics
    • Food and/or water
  – Cold weather / anti-exposure wear
    • Check condition and when required
• Aircraft equipment
  – Fire extinguisher(s)
  – Heater condition (winter ops)
  – Navigation lights
  – Tire inflation and condition
• Aircraft Procedures
  – Practice Checklist Discipline
  – Remember Challenge and Respond
  – Review Emergency Procedures and Trouble Shooting guidance. How would you access that information in the cockpit… POH, existing checklist, etc.?
Aeromedical Factors

MEDICATIONS
Know the effects and side effects of ALL the medications, both prescribed and over the counter as well as supplements, you are taking!

ARE THEY FAA APPROVED WHEN FLYING?
Aeromedical Factors

• Hydration
  – How much water do you need in 24 hours

• Fatigue
  – How did you sleep last night
  – How many mission hours have you really put in today

• I’M SAFE…….. Are you?
Aeromedical Factors

I’M SAFE

• I  = Illness, Do I have an illness or symptoms of illness?
• M = Medication, Am I taking prescription or over-counter drugs?
• S = Stress - Am I under psychological pressure from the job? Worried about financial matters, health problems or family discord?
• A = Alcohol, Have I been drinking within eight hours? Within 24 hours?
• F = Fatigue, Am I tired and not adequately rested?
• E = Eating, Am I adequately nourished?
Aeromedical Factors

• Effect on you and your crew, CRM, crew effectiveness and safety:
  – Would you want to fly with you?
  – How about with your crew mates?
Operational Risk Management (GAR Model)

Green – Amber – Red

- Any single item 4 or 5 should raise a concern
- The first “extra” point (above 1) should be easy to achieve on any individual item
- Collective effort of the entire crew not just PIC
- Done before AND updated throughout the mission when ANY condition changes
Radio Communications

Must have 2 way communications with an external entity at all times

• Guard with:
  – USCG
    » Sector, Boat Station, Cutter, Aux Radio, Other entity
  – ATC:
    » as required for airspace and/or flight environment (IFR, etc.)

If comms are lost, RTB & call OIA
Radio Communications

• Listen first
• Think about what is to be communicated
• Then key the microphone
• Use mission code 23A for pre- and post mission activities

• Time in the itinerary must be consecutive with no gaps. One category ends at 1200, the next begins at 1200, NOT 1201 or later
• Meals:
  – Must be selected manually for each member
  – If you receive meals at no cost from the Coast Guard, check “Government Provided” box
  – Payments for meals go to owner or operator
    • Must provide appropriate meal(s) to crew or pass along funds
• Who can be listed as “Operator?”
  – Owner on board:
    • owner can select ANY member qualified as PIC
  – Owner not on board:
    • any member listed by owner on 7005 form (check to see if you need to add/delete anyone)
• Continuing problem: Facility Offer for Use untimely expiration
  – Validity interval is exactly 1 year plus 45 days
  – AOM / AUXDATA checks against TODAY’s date as opposed to date of mission for facility status
  – AUXDATA will automatically remove facility from operational status next day after validity interval
• Case #1:
  – Facility valid time expires between order issuance and date of mission
  – Result
    • Mission is not authorized and must not be flown
• Case #2:
  – Facility valid time expires between mission and completion of reimbursement submission/approval process
  – Result:
    • Reimbursement process is interrupted and cannot be completed until new offer for use is recorded in AUXDATA and facility restored to operational status
• Remedy:
  – AOM generates warning to owner (and FC) 45 days before anniversary of previous offer
  – 90 days are thus available for renewal process
    • New Offer for Use form
    • Re-inspection
    • DIRAUXX approval
    • AUXDATA entry
Thank you for your participation!

We seek your feedback on the content of this presentation.

Send your comments to:

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