KSANG Aviation
Wildland Firefighting Capabilities

LTC David Barkus
CW5 Jason Garr
Agenda

• Capabilities
• Safety
• Logistics
Capabilities

• Response Time
  – Launch Time
  – Off duty day ~ 6 Hrs to the next day
  – On duty day ~ 3 Hrs / 30 min if prepped

– Enroute Time
  – 60 miles direct = 30 min flight
    – Topeka or Salina

• Setup
  • Fire Brief
  • Comm plan
  • Air Boss flight
  • Refuel
Capabilities

- Day Operations Only
- 12 Hr duty window
- 2 Hr on-station time after refuel
- Speed 70mph with bucket
Capabilities

• Fire Fighting Aircrew Availability
  – Significantly Reduced from last year

• Location

• Communication
  – Tactical
    • VTAC11,12,13,14
    • UTAC40D,41D,42D,43D
Safety

- Drop Zone Safe Distance
  - 100’ min
  - Ground crew in sight prior to drop
  - Air to Ground commo the best solution

- Hand and Arm signals
Logistics

• Refuel
  – On airports
    • Limited off sight refueling

• Maintenance
  – On airports

• Water Source
  – Pre approved
    • Invasive species control
Dip Site Criteria

- Min depth 7’ with no obstacles in the water
- Min radius 100’ with no vertical obstacles within 400’

Approach and departure path

- No cellphone or radio towers within a mile
- Avoid overflight of houses if possible
QUESTIONS?