

- 1 **BURN PLAN PREPARATION**
- 2 **No Plan**
No Burn
- 3 **No standard form**
- 4 **Is there a recommended burn plan form ?**
NO !
- 5 **Professional**
 - Make your own forms
 - Don't make "cook book" prescriptions
recipe*cookbook = DISASTER !!!
 - Every situation is different
 - No regulations
- 6 **Professionals**

"... just grab the torch and go"

DO NOT !

- 7 **No two burns are the same**
Each burn requires a unique plan
- 8 **steps to successful prescribed burning**
 - analysis
 - prescription
 - preparation
 - execution
 - evaluation
- 9 **analysis**
 - Idea/concept
 - Resource plan
 - May need to include pre-burn activity with other resource activity
 - Essential to visit site
 - OBJECTIVE
- 10 **Further analysis**
 - Prior burn history
 - Fuel model
 - Fuel load
 - Timber stand condition
 - SSA
 -
 -
- 11 **Prescription based on objectives**
 - SAFETY
 - Resource
 - Fire
 - Season, weather

- 12 **Preparation – pre-burn**
- Written plan
 - Fire breaks
 - Neighbors
 - Officials
 - Equipment
 - Crew
 - Obtain permit
- 13 **A BURN PERMIT IS NOT A LICENSE TO BURN !!!**
- 14 **Execution**
- Pre-burn check list
 - Ck fire breaks
 - Crew briefing
 - Test burn
 - Black line
 - Extended ignition
 - Complete ignition
 - Burn out
 - Mop up
 - Tail gate safety meeting and evaluation
- 15 **Fight fire aggressively but provide for safety first. Initiate all action based on current and expected fire behavior. Recognize current weather conditions and obtain forecasts. Ensure that instructions are given and understood. Obtain current information on fire status. Remain in communication with crewmembers, your supervisor, and adjoining forces. Determine safety zones and escape routes. Establish lookouts in potentially hazardous situations. Retain control at all times. Stay alert, keep calm, think clearly, and act decisively.**
- 16 **EVALUATION**
- 17 **Evaluation**
- Monitor burn in progress
 - Tail gate safety meeting at burn
 - Night smoke
 - Morning smoke
 - Next week
 - Next month
 - Next summer
 - Next year
 - Five years ?
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- 18 **Contingencies**
What might go wrong?

- 19
- A jump, escape
 - Smoke on the road
 - A crew member is injured
 - Crawler gets bogged down or quits running
 - The AFC county manager shows up and advises that the EPA has declared non-attainment of NAQQS and you must put out the burn
 - Others?

20 **Signatures, Dates, Witness**

- Planner
- Burn manager
- Permittee
- Post burn evaluators

21 **The plan is complete**

Now we are ready to burn the next day the weather is right

22 **The Shield**

23 **Special cases**

- Piles
- Low impact burning
- Large tracts
- Helicopter burning

24 **Piles**

- Windrows
- Limbing gate slash
- Feller buncher clumps

25

26 **Low Impact Burning**

- State park
- Subdivision
- Estate
- Golf Course
- Sensitive area
- Pitcher plant bogs

27 **Large Tracts**

- 300+ acres
- 1000+ acres
- Volume of fuel => volume of smoke

28 **Helicopter burns**

- Keep fire in the line
- Rapid ignition – dilution?
- Large tracts

29 **Make a commitment to have zero jumps and zero smoke problems. Set it as your professional standard.**

NO COWBOYS !!

30  **QUESTION – COMMENTS ?**