**COW CANYON**

INCIDENT ACTION PLAN

Wednesday

October 28, 2020

0600-2030



**https://ftp.nifc.gov/public/incident\_specific\_data/southwest/GACC\_Incidents/2020/2020\_Cow\_Canyon/**

**Alpine Ranger District**

**Apache-Sitgreaves N.F.**

**AZ-ASF-000819 P3NM3P (0301)**

**Text, letter

Description automatically generated**

PLEASE TURN IN YOUR SIGNED CTR’S AND SHIFT TICKETS TO THE EMAIL BELOW!

[2020.cowcanyon.finance@firenet.gov](mailto:2020.cowcanyon.finance@firenet.gov)

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| **INCIDENT OBJECTIVES** | | | 1. Incident Name  COW CANYON | | | 2. Date  10/28/2020 | | | 3. Time  0600 |
| 4. Operational Period  0600-2030 hours Day Operational Period | | | | | | | | | |
| 1. General Objectives for the Incident (include alternatives)   1. Provide for firefighter and public safety.  2. Protect structures along County road 67004  3. Prep County road 67004 and FS Rd 232 AZ and NM  4. Protect cultural resources  5. Protect Range/ Recreation and other resource improvements  6. Protect TEP KV Lines and NEC powerlines.  7. Confine the fire to:  a. East of the Blue River, South of Pueblo park road, West of NM180 and North of Winters Trail | | | | | | | | | |
| 6. Weather Forecast for Period | | | | | | | | | |
| 1. General Safety Message  * **Reassess LCES throughout the day. Pre-identify multiple escape routes and safety zones.** * **Do not get complacent.** * **When driving dirt roads, be sure to provide an extra margin of separation for dusty and/or slippery conditions.** | | | | | | | | | |
| 8. Attachments (mark if attached) | | | | | | | | | |
| **X** | Organization List - ICS 203 | **X** | | Air Ops Summary – ICS 220 | | |  |  | |
| **X** | Div. Assignment Lists – ICS 204 |  | | Incident Maps | | |  |  | |
| **X** | Communications Plan - ICS 205 | **X** | | Weather Forecast | | |  |  | |
| **X** | Medical Plan – ICS 206 | **X** | | Unit Log – ICS 214 | | |  |  | |
| 9. Prepared by  Christina Brannon | | | | | | 10. Approved by (Incident Commander)  EVERETT PHILLIPS | | | | |

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| ORGANIZATION ASSIGNMENT LIST | | |
| 1. Incident Name   **COW CANYON** | | |
| 2. Date  10/25-27/2020 | | 3. Time  0600 |
| 4. Operational Period  **10/28/20 Day, 0600-2030** | | |
| Position | Name | |
| 5. Incident Commander and Staff | | |
| Incident Commander | **(O-56) EVERETT PHILLIPS 928-719-1595**  **(O-39) Tim Hill (T) 928-245-8712** | |
|  |  | |
| Safety Officer | (O-60) JOHN MCGEE | |
| Information Officer | (O-1) STEVE JOHNSON 928-339-5000 steven.m.johnson@usda.gov | |
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|  |  | |
| 6. Agency Representative | | |
| Agency | Name | |
| ASF Agency Administrator | (O-4) PAUL HANCOCK | |
| Resource Advisor | **(O-79) GABE PARTIDO 575-590-7166, (O-22) MATTHEW TALIAFERRO (archeologists)** | |
| Administrator | **ALISSA TANNER 928-339-5010 alissa.tanner@usda.gov** | |
| District Rangers | **ERICK STEMMERMAN (Glenwood) 575-654-3278** | |
| District Rangers | **ED HOLLOWAY (Clifton) 575-590-7843** | |
| Az State Forestry | **ROY HALL** [rhall@dffm.az.gov](mailto:rhall@dffm.az.gov) | |
| Tucson Electric Power | **GREG WILDMAN 520-904-5750 gwildman@TEP.com** | |
| 7. Planning Section | | |
| Chief | **(O-41) CHRISTINA BRANNON (t) 480-221-7690 christina.brannon@usda.gov** | |
| Resources Unit |  | |
| Situation Unit |  | |
| Documentation Unit |  | |
| Status Check-in Recorder |  | |
| Long Term Fire Analyst |  | |
| Fire Behavior THSP |  | |
| Air Resource Advisor | (O-2) DIONISIO SILVA 575-574-2580 [dionisio.silva@usda.gov](mailto:dionisio.silva@usda.gov) | |
| Air Resource Advisor |  | |
| GIS Specialist (T) | (O-69) MARYELLEN KOMNATH 928-215-1523 | |
| 8. Logistics Section | | |
| Chief | (O-20) GENE BEAUDOIN 928-358-9141 | |
| Food Unit Leader | (O-44) DEAN MCALLISTER | |
| Cache Assistant |  | |
| Facilities Unit Leader |  | |
| Communications technician |  | |
| Radio Operator |  | |

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| 9. Operations Section | | | |
| Chief | (O-78) JOSHUA MILLER 928-812-2974(O-48) JIMMY NICHOLAS (t) 520-237-3405 | | |
| Deputy |  | | |
|  |  | | |
| a. Branch I- Division/Groups | | | |
| Branch Director |  | | |
| Deputy |  | | |
| Division/Group | ALPHA | | (O-53) DURAND JARAMILLO |
| Division/Group | NOVEMBER | | (O-10) TY OLIVER 575-388-7978 |
| Division/Group | ROMEO | | UNSTAFFED |
| Division/Group | INDIA | | (O-76) JACOB FLORENCE/ (O-64) MATT SIGG (t) |
| Division/Group |  | |  |
| THSP |  | |  |
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| b. Branch II - Division/Groups | | | |
| Branch Director |  | | |
| Deputy |  | | |
| Division/Group |  |  | |
| Division/Group |  |  | |
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| c. Branch III – Division/Groups | | | |
| Branch Director |  | | |
| Deputy |  | | |
| Division/Group |  |  | |
| d. Air Operations Branch | | | |
| Air Operations Branch Director | | **(O-5) MARK EMPEY** | |
| Air Attack Supervisor | |  | |
| Air Support Supervisor | |  | |
| Helicopter Manager | |  | |
| Air Tanker Coordinator | |  | |
| 10. Finance Section | | | |
| Chief | | **(O-13) LUCY BUCKLIN (virtual)** [**lucy\_bucklin@firenet.gov**](mailto:lucy_bucklin@firenet.gov) **928-242-0175** | |
| Time Unit Leader | | **(O-52) KARILYN PUTT (t) (virtual)** [**Karilyn\_putt@firenet.gov**](mailto:Karilyn_putt@firenet.gov) **701-340-8180** | |
| Personnel Time Recorder | |  | |
| Cost Specialist | | **(O-18) CHARLES JOY** | |
| Prepared by  Francesca Chavez  Jim Anderson | | | |

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| FIRE BEHAVIOR FORECAST | |
| **FORECAST NUMBER: #10** | **TYPE OF FIRE: Wildfire** |
| **FIRE NAME: COW CANYON** | **OPERATIONAL PERIOD: October 28-30, 2020** |
| **DATE ISSUED: October 27, 2020** | **TIME ISSUED: 2000** |
| **UNIT: A-S & Gila National Forests** | **SIGNED: Shelly Crook - FBAN** |
| **INPUTS** | |
| **KEY WEATHER FACTORS INFLUENCING FIRE BEHAVIOR:** Refer to Weather Forecast for details.  Partly cloudy becoming mostly sunny w/ a warming and drying trend following the recent cold front passage.  Max Temp 55-70°, Min RH 17-25%, Winds generally light and variable 5-8 with gusts to 12mph.  **Haines Index: 2-4 LAL: 1 Chance of Precip: 0% Forecasted ERC: 60-75 BI: 50-75** | |
| **FUELS**  Pine withPinyon/Juniper on east & south aspects, mixed conifer on north aspects and ridgetops. **Live Fuel Moisture**: Pinyon/Juniper 85-95%, Pine 100-115%, Grass is fully cured. **Forecasted Minimum Fine Dead Fuel Moisture Content**: 4-6% Unshaded, 5-7% Shaded. **Heavy Dead Fuel Moisture Content**: 5-9%. | |
| **OUTPUTS - FIRE BEHAVIOR** | |
| **GENERAL: Local Thresholds for Active Fire Behavior: 20’ Winds (over 12 mph), RH (less than 15%),**  **Temperature (over 80º), Heavy Dead Fuel Moisture Content (less than 6%)**  Increasing fire behavior potential over the next 3 days as the fuels begin to dry following the recent precipitation. Expect low fire behavior potential Wednesday becoming low to moderate on Thursday-Saturday.Decent RH Recovery above 7000 ft Elevation, 40-60%.  ►**Maximum Fire Behavior:** Head Fire, wind and slope in alignment during peak burning period.  **Rates of Spread: 50–200 ft/hr, Flame Length: 1-2 ft, Spotting Dist: 500 feet, Probability/ignition: >85%**  ►**Common Fire Behavior:**  **Rates of Spread: 0-100 ft/hr, Flame Length: <1 ft, Spotting distance: 100 feet, Probability of ignition: <85%**    **WEDNESDAY 10/28 –** Minimal fire activity across the entire fire area. Any remaining heat will be confined to smoldering heavy dead and down fuels within the fire’s interior.  **THURSDAY/FRIDAY 10/29-30 –** Expect little to minimal fire spread potential. Perimeter spread is possible, but unlikely. Heat will likely remain in the protected/sheltered heavy dead and down fuels within the fires interior. Increasing smoke may be observed, however unless these burning heavy fuels are directly adjacent to unburned, surface fuels, fire spread/perimeter growth will likely not occur. | |
| **AIR OPERATIONS**   * Sunny skies and light winds, no aviation limitations expected. | |
| **SAFETY**   * Fatigue is building, don’t let your guard down; maintain your situational awareness. * Heads up. The recent precipitation has likely weakened the roots of both live and dead standing trees. Look up, before you look down. * *“If you get to thinking you’re a person of some influence, try ordering somebody else’s dog around.” – Unknown* | |

**Spot Forecast for Cow Canyon...USFS**

National Weather Service Tucson AZ, 308 PM MST Tue Oct 27 2020

**.DISCUSSION...** Improving weather can be expected Wednesday with dry and warmer weather returning by the weekend.

**.WEDNESDAY...**

Sky/weather.........Partly cloudy.

Max temperature.....49 to 56 degs.

Min humidity........33 to 38 pct.

20-foot Winds.......Northwest winds 5 to 8 mph.

LAL.................1.

CWR.................0 percent.

Haines Index........2 or very low potential for large plume dominated fire growth.

**.WEDNESDAY NIGHT...**

Sky/weather.........Mostly clear.

Min temperature.....26 to 31 degs.

Max humidity........55 to 58 pct.

20-foot Winds.......North winds 5 to 8 mph.

LAL.................1.

CWR.................0 percent.

Haines Index........3 or very low potential for large plume dominated fire growth.

**.THURSDAY...**

Sky/weather.........Mostly sunny.

Max temperature.....55 to 61 degs.

Min humidity........25 to 28 pct.

20-foot Winds.......East winds 5 to 8 mph shifting to the south 6

to 9 mph in the afternoon.

LAL.................1.

CWR.................0 percent.

Haines Index........4 or low potential for large plume dominated fire growth.

**.FRIDAY...**Mostly clear. Lows in the mid to upper 30s. Highs 59 to 67. Lightwinds. Minimum Humidity 19 to 25 pct.

**.SATURDAY...**Mostly clear. Lows near 40. Highs 63 to 71. Light winds. Minimum

Humidity 17 to 25 pct.

**.SUNDAY...**Mostly clear. Lows near 40. Highs 63 to 72. Light winds. Minimum

Humidity 17 to 21 pct.

**.MONDAY...**Partly cloudy. Lows near 40. Highs 64 to 73.

**.TUESDAY...**Partly cloudy. Lows in the lower 40s. Highs 64 to 73.

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| **DIVISION ASSIGNMENT LIST** | | | | | | 1. Branch | | | | | | | | 2. Division/Group  ALPHA | | | |
| 3. Incident Name  COW CANYON | | | | | | 4. Operational Period  Date: 10/28/2020 Time**: 0600** | | | | | | | | | | | |
| 5. Operations Personnel | | | | | | | | | | | | | | | | | |
| Operations Chief | | Josh Miller | | | | Task Force Leader | | | | | | | \*\*Durand Jaramillo | | | | |
| 6. Resources Assigned this Period | | | | | | | | | | | | | | | | | |
| Strike Team/Task Force / Resource Designator | | | Leader | | | | Number Persons | | Last Work Day | Drop Off PT./Time | | | | | | Pick Up PT./Time | |
| E-16 Chase 613 | | | Dan Trujillo | | | | 3 | | 10/30 | Alpine RD / 0700 | | | | | | 2030 | |
| \*\* E-5 WT 1-1 | | | Jorge Hernandez | | | | 1 | | 10/28 | Alpine RD / 0700 | | | | | | 2030 | |
| E-27 CHIPPER | | | Kyran Walker | | | | 1 | | 10/28 | Alpine RD / 0700 | | | | | | 2030 | |
| O-70 Taylor/Snowflake Medical | | | Russ Turner 208-599-3760 | | | | 2 | | 10/28 | Alpine RD / 0700 | | | | | | 2030 | |
| \*\* E-28 ENG 662 | | | Andrew Zimmerman | | | | 6 | | 10/31 | Alpine RD / 0700 | | | | | | 2030 | |
| (O-49 thru O-51) Coronado 642 | | | Brady Becker | | | | 3 | | 10/28 | Alpine RD / 0700 | | | | | | 2030 | |
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| 7. Control Operations   * Scout around structures in the Blue River Corridor. * Prep structures along Blue River * Prep Range improvements * Burnout as needed. * Prep FS RS 232 (Pueblo Park road) | | | | | | | | | | | | | | | | | |
| 8. Special Instructions   * **\*\**Designated IA Resource for the GILA working under TFLD Ty Oliver*** * **\*\**Designated IA Resource for the A-S working under TFLD Durand Jaramillo***   Blue Admin Site (928) 339-4466 | | | | | | | | | | | | | | | | | |
| 9. Division/Group Communication Summary | | | | | | | | | | | | | | | | | |
| Function | Frequency | | | | System | Channel | | Function | | | | Frequency | | | | System | Channel |
| Tactical  1 | RX/TX 167.550 RX  /TX  168.675  (N) | | | |  | 9 | | Air to Ground 47 | | | | Rx: 167.725 (NB)  Tx: 167.725 (NB) | | | |  | 14 |
| Apache  Repeater | Rx:170.575 (NB)  Tx: 163.1625 (NB)  Tone 08 (103.5) | | | |  | 2 | | Air Guard | | | | Rx: 168.625 (NB)  Tx: 168.625 (NB) | | | |  |  |
|  |  | | | |  |  | |  | | | |  | | | |  |  |
| Prepared by  **Christina Brannon** | | | | Approved by (Incident Commander) | | | | | | | Date | | | | Time | | |

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| **DIVISION ASSIGNMENT LIST** | | | | | | 1. Branch | | | | | | | | 2. Division/Group  NOVEMBER | | | | |
| 3. Incident Name  COW CANYON | | | | | | 4. Operational Period  Date: 10/28/2020 Time**: 0600** | | | | | | | | | | | | |
| 5. Operations Personnel | | | | | | | | | | | | | | | | | | |
| Operations Chief | | Josh Miller | | | | Task Force Leader | | | | | | | \*\*TY OLIVER | | | | | |
| 6. Resources Assigned this Period | | | | | | | | | | | | | | | | | | |
| Strike Team/Task Force/ Resource Designator | | | Leader | | | | Number Persons | | Last Work Day | Drop Off PT./Time | | | | | | | Pick Up PT./Time | |
| \*\* O-7 FFT1 | | | Richard Ortiz 575-574-8845 | | | | 1 | |  | DIV N / 0700 | | | | | | | 2030 | |
| E-6 \*\*Chase 642 | | | Butch Oglesby | | | | 7 | |  | DIV N / 0700 | | | | | | | 2030 | |
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| 7. Control Operations   * Monitor fire behavior. * Protect range improvements * Repairs on the private inholdings | | | | | | | | | | | | | | | | | | |
| 1. Special Instructions  * **\*\**Designated IA Resource for the GILA working under TFLD Ty Oliver*** * **\*\**Designated IA Resource for the A-S working under TFLD Durand Jaramillo***   Blue Admin Site (928) 339-4466 | | | | | | | | | | | | | | | | | | |
| 9. Division/Group Communication Summary | | | | | | | | | | | | | | | | | | |
| Function | Frequency | | | | System | Channel | | Function | | | | Frequency | | | | System | | Channel |
| Tactical  3 | RX/TX 168.775 RX  /TX  168.675  (N) | | | |  | 11 | | Air to Ground 47 | | | | Rx: 167.725 (NB)  Tx: 167.725 (NB) | | | |  | | 14 |
| Apache  Repeater | Rx:170.575 (NB)  Tx: 163.1625 (NB)  Tone 09 (100.0) | | | |  | 2 | | Air Guard | | | | Rx: 168.625 (NB)  Tx: 168.625 (NB) | | | |  | |  |
|  |  | | | |  |  | |  | | | |  | | | |  | |  |
| Prepared by  **Christina Brannon** | | | | Approved by (Incident Commander) | | | | | | | Date | | | | Time | | | |

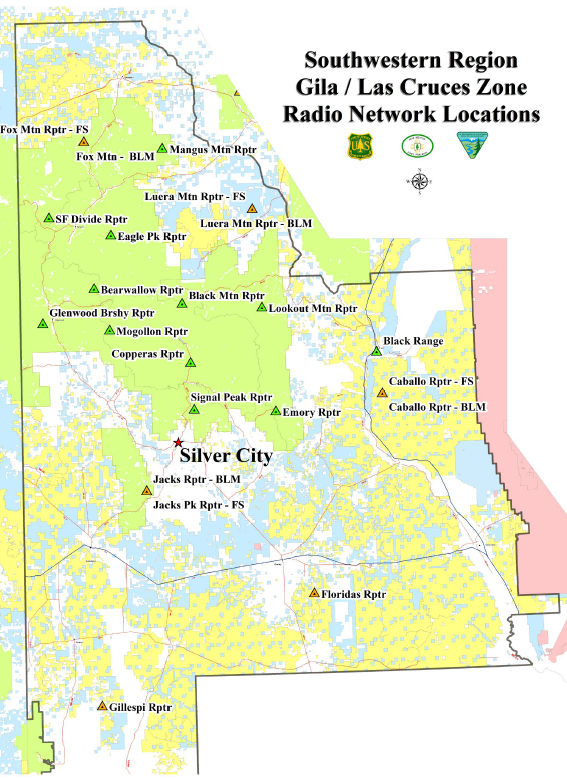
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| **DIVISION ASSIGNMENT LIST** | | | | | | 1. Branch | | | | | | | | 2. Division/Group  INDIA | | | |
| 3. Incident Name  COW CANYON | | | | | | 4. Operational Period  Date: 10/28/2020 Time**: 0600** | | | | | | | | | | | |
| 5. Operations Personnel | | | | | | | | | | | | | | | | | |
| Operations Chief | | Josh Miller | | | | Task Force Leader | | | | | | | JACOB FLORENCE/ MATT SIGG (t) | | | | |
| 6. Resources Assigned this Period | | | | | | | | | | | | | | | | | |
| Strike Team/Task Force/ Resource Designator | | | Leader | | | | Number Persons | | Last work Day | Drop Off PT./Time | | | | | Pick Up PT./Time | | |
| C-2 NAVAJO SCOUTS 1 | | | Matthew Curleyhair/ Augustine Sectero (t) | | | | 16 | | 11/10 | Alpine RD / 0700 | | | | | 2030 | | |
| ENG 612 | | | Berkeley Krueger | | | | 2 | | 10/28 | Alpine RD / 0700 | | | | | 2030 | | |
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| 7. Control Operations   * Monitor fire behavior * Prep FS RS 232 (Pueblo Park road) * Burnout as needed. * Go direct off the 90 Trail when the opportunity presents itself. Scout black fire edge | | | | | | | | | | | | | | | | | |
| 8. Special Instructions   * **\*\**Designated IA Resource for the GILA working under TFLD Ty Oliver*** * **\*\**Designated IA Resource for the A-S working under TFLD Durand Jaramillo***   Greer Incident Medical Team, Line medics with UTV  Blue Admin Site (928) 339-4466 | | | | | | | | | | | | | | | | | |
| 9. Division/Group Communication Summary | | | | | | | | | | | | | | | | | |
| Function | Frequency | | | | System | Channel | | Function | | | | Frequency | | | | System | Channel |
| Tactical  2 | RX/TX 168.675 RX  /TX  168.675  (N) | | | |  | 10 | | Air to Ground 47 | | | | Rx: 167.725 (NB)  Tx: 167.725 (NB) | | | |  | 14 |
| Apache  Repeater | Rx:170.575 (NB)  Tx: 163.1625 (NB)  Tone 09 (100.0) | | | |  | 2 | | Air Guard | | | | Rx: 168.625 (NB)  Tx: 168.625 (NB) | | | |  |  |
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| Prepared by  **Christina Brannon** | | | | Approved by (Incident Commander) | | | | | | | Date | | | | Time | | |
|  | | | |  | | | | | | |  | | | |  | | |
| **DIVISION ASSIGNMENT LIST** | | | | | | 1. Branch | | | | | | | | 2. Division/Group  ROMEO | | | |
| 3. Incident Name  COW CANYON | | | | | | 4. Operational Period  Date: 10/28/20 Time**: 0600** | | | | | | | | | | | |
| 5. Operations Personnel | | | | | | | | | | | | | | | | | |
| Operations Chief | | Josh Miller | | | | Task Force Leader | | | | | | | UNSTAFFED | | | | |
| 6. Resources Assigned this Period | | | | | | | | | | | | | | | | | |
| Strike Team/Task Force/ Resource Designator | | | Leader | | | | Number Persons | | Last work Day | Drop Off PT./Time | | | | | Pick Up PT./Time | | |
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| 7. Control Operations   * Monitor fire behavior by flight. * Preparing a plan as fire presents off Horse Mesa. | | | | | | | | | | | | | | | | | |
| 8. Special Instructions   * \_\_\_\_\_\_\_\_\_\_ is IA resource.   Blue Admin Site (928) 339-4466 | | | | | | | | | | | | | | | | | |
| 9. Division/Group Communication Summary | | | | | | | | | | | | | | | | | |
| Function | Frequency | | | | System | Channel | | Function | | | | Frequency | | | | System | Channel |
| Tactical  2 | RX/TX 168.675 RX  /TX  168.675  (N) | | | |  | 10 | | Air to Ground 47 | | | | Rx: 167.725 (NB)  Tx: 167.725 (NB) | | | |  | 14 |
| Apache  Repeater | Rx:170.575 (NB)  Tx: 163.1625 (NB)  Tone 09 (100.0) | | | |  | 2 | | Air Guard | | | | Rx: 168.625 (NB)  Tx: 168.625 (NB) | | | |  |  |
|  |  | | | |  |  | |  | | | |  | | | |  |  |
| Prepared by  **Christina Brannon** | | | | Approved by (Incident Commander) | | | | | | | Date | | | | Time | | |

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| **INCIDENT RADIO COMMUNICATIONS PLAN** | | | | 1. Incident Name  COW CANYON | | 2. Date/Time Prepared  10/28/2020 | | 3. Operational Period Date/Time  10/28/20  Day 0600 - 2000 |
| 4. Basic Radio Channel Utilization | | | | | | | | |
| Assignment | Channel | Function | Frequency/Tone | | Function | | Remarks | |
| Command | 1 | Apache Primary | RX/TX 170.575 (N) | | Forest Net Line of Sight | | Tone 110.9 Escudilla/Promontory | |
| Command | 2 | Apache Repeat | RX 170.575 (N)  TX 163.1625 (N) | | Forest Net Repeater | | Tone 123.0 Rose Peak/Gentry | |
|  | 3 | Sitgreaves Primary | RX/TX 169.950 (N) | | Forest Fire Net Line of Sight | | Tone 131.8 Reno/Juniper Ridge | |
|  | 4 | Sitgreaves Repeat | RX 169.950 (N)  TX 162.225 (N) | | Forest Fire Net Repeater | | Tone 136.5 Greens Peak/Greens Peak | |
|  | 5 | Engineer/Host | RX/TX 172.375 (N) | | Common user | | 146.2 Big Lake/Lake Mt. | |
|  | 6 | Gila North | RX/TX 169.975 (N) | | Mutual Aid | | Tone 156.7 Mitchell Pk/Deer Springs | |
|  | 7 | FTA Fire Rpt | RX 172.675 (N)  TX 166.3625 (N) | | Ft. Apache Fire | | Tone 167.9 South Mt/Chev Butte | |
|  | 8 | Weather | RX 162.525  TX 0 (N) | | Wx Stations | | Tone 103.5 Bear Mt/Diamond Pt. | |
|  | 9 | Tac 1 | RX/TX 167.550 (N) | | Tactical | | Tone 100.0 Saddle Mt/Heber Sub | |
|  | 10 | Tac 2 | RX/TX 168.675 (N) | | Tactical | | Tone 107.2 Porter Mt. | |
|  | 11 | Tac 3 | RX/TX 168.775 (N) | | Tactical | | Tone 114.8 Guthrie | |
|  | 12 | Travel | RX/TX 168.350 (N) | | Travel | | Tone 127.3 Portable | |
|  | 13 | Air-Ground 1(34) | RX/TX 167.175 (N) | | Primary Air-to-Ground | |  | |
|  | 14 | Air-Ground 2(47) | RX/TX 167.725 (N) | | Secondary Air-to-Ground | |  | |
|  | 15 | VMED 28 | RX/TX 155.340 (N) CG 156.7 | | Medical Air-to-Ground | |  | |
|  | 16 | Air Guard | RX/TX 168.625 (N) CG 110.9 | | Emergency | | Tone 110.9 | |
| 5. Prepared by (Communications Unit) | | | | | | | | |

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| **MEDICAL PLAN** | **COW CANYON** | | | | | | **10/28/20** | |  | | | |  | | | | | | |
| **5. Incident Medical Aid Station** | | | | | | | | | | | | | | | | | | | |
|  | | |  | | | | | | | | | | | | Paramedics | | | | |
| Medical Aid Stations | | | Location | | | | | | | | | | | | Yes | | | | No |
| Alpine Fire Department | | | 42688 US HWY 180  Alpine, AZ 85920 (928) 339-4814 | | | | | | | | | | | |  | | | | **X** |
| **6. Transportation** | | | | | | | | | | | | | | | | | | | |
| A. Ambulance Services | | | | | | | | | | | | | | | | | | | |
|  | | | |  | | | | | | |  | | | | | | Paramedics | | |
| Name | | | | Address | | | | | | | Phone | | | | | Yes | | | No |
| **White Mountain Ambulance** | | | | **Springerville, AZ** | | | | | | | **Show Low Dispatch or 911** | | | | | **X** | | |  |
| **Medical Heliopter** | | | | **Show Low, AZ** | | | | | | | **Show Low Dispatch or 911** | | | | | **X** | | |  |
| B. Incident Ambulances | | | | | | | | | | | | | | | | | | | |
|  | | | | |  | | | | | | | | | | | | Paramedics | | |
| Name | | | | | Location | | | | | | | | | | | | Yes | | No |
| **N/A** | | | | | **Springerville Dispatch/911** | | | | | | | | | | | |  | |  |
| **7. Hospitals** | | | | | | | | | | | | | | | | | | | |
|  | |  | | | | Travel Time | | | |  | | Helipad | | | | | | Burn Center | |
| Name | | Address | | | | Air | | Grnd | | Phone | | Y | | N | | | | Y | N |
| **White Mountain Regional Medical Center** | | **118 S Mountain Ave, Springerville, AZ 85938** | | | | **0:55** | | **2:00** | | **928-333-4368** | |  | | **X** | | | |  | **X** |
| **Summit Healthcare** | | **2200 E Show Low Lake Rd**  **Show Low, AZ 85901** | | | | **1:15** | | **2:45** | | **928-537-4375**  **928-537-9944**  **800-300-0361** | | **X** | |  | | | |  | **X** |
| **University Medical CenterTucson level 1 Trauma** | | **1501 N Campbell Tucson, AZ 85719** | | | | **1:30** | | **4:30** | | **520-694-7547** | | **X** | |  | | | | **X** |  |
| **8. Medical Emergency Procedures** | | | | | | | | | | | | | | | | | | | |
| ***Minor emergency:***  ***Notify supervisor. Provide First Aid. Assess need for transport.***  ***Major Emergency:***  ***Notify Divison/Taskforce Leader. Provide First Aid. Establish incident commander for medical emergency. Notify Dispatch of emergency and request appropriate assistance. Stabilize and prepare patient for transport.*** | | | | | | | | | | | | | | | | | | | |
| 9. Prepared by | | | | | | | 10. Reviewed by | | | | | | | | | | | | |
| **Christina Brannon** | | | | | | |  | | | | | | | | | | | | |

**SAFETY MESSAGE**

**Cow Canyon Fire**

**October 28 Thru 30, 2020**

During **DEMOB** we need to keep in mind a few basics:

➢ Pay attention to the chain of command; know who your supervisor is at all times.

➢ Up to 72% of fatalities and serious accidents occur during transition times.

After **DEMOB**, many will be on the road **driving** for several hours:

➢ Statistically, driving accidents are the cause of most firefighter fatalities and severe injuries.

➢ Maintain your situational awareness when driving and keep a good attitude, be attentive, and be sure the vehicle has been maintained appropriately. LCES works while driving also.

➢ Wear your seat belt, lights on, obey speed limits, do not use cell phones while driving, and be careful backing (use spotters).

➢ Be aware of the guidelines on driving –no one driver can drive more than 10 hours in a 16-hour shift. So, rotate your drivers frequently.

An important aspect of safety is **individual responsibility** for one’s own health and safety. Even with the best leadership and supervision, each individual firefighter will occasionally be required to make personal decisions concerning their safety. Some of these individual responsibilities are:

➢ Fitness for duty. Be physically fit when the fire season starts and stay fit. Get adequate sleep, eat healthy, and stay hydrated.

➢ Wear and use your PPE without being told. Leaders, supervisors and safety officers are not the PPE police.

➢ Follow safe work practices. For example, use spotters when backing vehicles, wear seat belts, don’t text/talk on your cell phone while driving, etc.

➢ Have a working knowledge of key references such as the IRPG, Red Book, IHOG.

➢ Communications is critical so ensure instructions are clearly understood; if not, ask questions. Speak up when you observe hazards or unsafe conditions or practices.

➢ Maintain situational awareness at all times.

Bottom Line –Do not expect someone else to be responsible for your safety. Make it YOUR number 1 priority.

**It’s better well done than well said**

**\*\*\* COVID-19 Mitigation Actions and Leader’s Intent\*\*\***

* **Assigned resources will practice social distancing and be in alignment with the “module of one concept.” When interacting outside of the “module of one,” face-coverings are required; this includes ICP, established business within town limits, fireline interactions outside of the “module of one”.**
* **Without compromising firefighter safety, social distancing should be practiced to the extent possible.**
* **Reduce the number of briefing participants to only module leaders or those deemed necessary.**





Hunting Tags have been issued Beware of hunters trying to scout in the area.

# Cow Canyon fire (gila National Forest) repair AND REHABILITATION Standards

**PRIOR to REPAIR AND REHABILITATION**

Please record the following during all fire operations and submit to READ as actions occur on a daily basis:

**Retardant drops** – Record number of gallons and locations dropped.

**Bucket drops** – Record location and source of dip site, number of gallons and location dropped

**Roads, Trails, and Fence lines** – Record all roads trails and fence lines used as fire lines

**Roads, Trails, FiRELINE AND FeNCES**

General standards are to replace any boulders, gates, and/or barriers on closed roads opened for fire access as determined by the Gila NF Motor Vehicle Use Map.

**Roads:** For all roads used as actual or proposed fire line ***TBD with OPS***

Improve and re-establish drainage ditches, lead out ditches, repair of gullies, rutted areas, areas holding water due to lack of drainage on all roads used or proposed as fire lines ***List roads used coordinate with Situation and OPS***

Install rolling dips and water bars where needed. Distance specifications in Table 1 on page 3.

Clear culverts to improve or restore functionality caused by suppression actions. Please report the location of other damaged and non-functioning culverts to READ. Also, please note the locations of CCC culverts (culverts that have rock boxes or armored with rock work) and notify READ.

Dozer rip Road Braids (Go Arounds) that deviate from the main road to a depth of 2-4 inches.

Seed ripped areas with READ approved seed mixture and cover ripped area with available woody debris / slash to a depth of no more than 24 inches.

Activity Slash on Forest Roads will be scattered to a maximum height of 24 inches. Slash on treatments on level 2 roads and below will be determined on case by case basis depending on FOBS/READ observations and District needs.

Ensure all activity slash as a result of using roads as fire lines is treated as follows:

For large material (generally 8 inches in diameter or greater):

* Cut material to 1 - 2 ft. lengths.
* Stack cut material to a maximum height and width of 4 feet (4’ x 4’ x4’)
* Stack cut material on flat to gentle slopes (15% maximum slope)
* **Do not place material in stream channels or flood plains**

For single trees:

* Lop and scatter limbs to a depth of less than 24 inches and 50 - 100 feet from either side of the road.
* Ensure all activity slash as a result of using roads as fire lines, is not scattered or piled on or adjacent to live trees greater than 6 inches in diameter and snags larger than 9 inches in diameter.
* **Pull back material that is in drainages, flood plains, and road drainages ditches 50 feet.**

**RECORD WHEN EQUIPMENT IS USED (CHAINSAWS INCLUDING NUMBER OF SAWS, DOZERS, AND CHIPPERS) ARE USED WHEN WORKING IN MEXICAN SPOTTED OWL PACS IN ALL DIVISIONS.** Consult READ for PAC locations and tracking forms. (***Work with Plans and GIS to Create Map for all divisions)***. READ will work with Plans to identify and determine where work must be tracked and Provide incident personnel with the “Silver City Ranger District – Natural Resource Concerns and Management Areas Map” to identify resources of concern.

**Trails**

The following standards will be utilized for the Continental Divide Trail (CDT) and trails within the fire area (***Get info from OPS)***:

Ensure all activity slash as a result of using the trail as a fire line, is lopped and scattered to a depth of less than 12 inches and 100 feet from trail (please check both sides of trail, green and black).

Restore trails used as fire lines to original trail tread and width.

For fire lines that intercept or are tied to the within 100 feet up the fire line cut stumps flush or as close to the ground as possible.

**Fire Lines (Hand and Dozer) DO NOT START OPERATIONS UNTIL READ APPROVED SEED MIXES ARE ON SITE**

***List all Hand / Dozer Line locations and verify with OPS and FOBS***

Please implement the following standards on all fire lines.

LOG ALL TIME EQUIPMENT (CHAINSAWS INCLUDING NUMBER OF SAWS, DOZERS, CHIPPERS) ARE USED WHEN WORKING IN MEXICAN SPOTTED OWL PACS IN DIVISIONS. Consult READ for PAC locations and tracking forms. (***Work with Situation and GIS to Create Map for all divisions)***. READ will work with Situation Unit Leader and OPS/FOBS to identify and determine improvements damaged due to suppression actions and Provide incident personnel with the “Glenwood Ranger District – Natural Resource Concerns and Management Areas Map” to identify resources of concern.

Scatter seed into all exposed soil. Coverage and seed amount will be determined by READ.

Pull all side cast and berm material created by suppression activities back into disturbed areas to restore natural appearance.

Place rocks, woody debris (logs, activity slash), and berm material onto exposed soil of fire line to reduce erosion, discourage vehicle use and camouflage fire line.

Construct water bars using the standard in Table 1 below. Water bars should be constructed at an angle so that the drainage is not directly down slope. This will prevent gullies and erosion on slopes.

* 1. Water bar height 6 inches to 1 foot
  2. Angle water bar 30 to 40 degrees so water will not drain directly down hill
  3. Water bar spacing will be dependent upon slope. Follow spacing distances listed in Table 1 below

|  |  |
| --- | --- |
| **Table 1.** Distance needed between water bars | |
| Grade (percent) | Distance (feet) |
| 2 | 250 |
| 5 | 135 |
| 10 | 80 |
| 15 | 60 |
| 20 | 45 |
| 25 | 40 |
| 30 | 35 |
| \_\_\_\_\_\_\_\_\_\_\_ Source: Kochenderfer 1970, p. 28 | |

**Camps, DROP POINTS, Staging areas and HELISPOTS**

***Identify all camps, DP’s staging areas and helispots with FOBS and OPS***

The following standards are for all camps, Drop Points Staging Areas, and helispots

1. Scarify and seed all bare soil areas used seed mixture approved by READ
2. Lop and scatter slash and woody debris at all sites to less than 12 inches.
3. Return drop point to pre-fire size by replacing logs and rocks removed from site.
4. Replace any boulders, gates, and/or barriers on closed roads opened for fire access according to Gila NF Motor Vehicle Use Map.
5. All hazardous waste (chemical, fuel, other) spills shall be promptly reported and properly cleaned up in accordance with the Forest’s Hazmat Plan (Copy will be provided by READ).
6. Scarify all areas with bare ground and apply READ approved seed mix.
7. Scatter slash piles and woody debris along and onto open areas. Lop and scatter all slash to a maximum height of 18 inches to provide better micro climate to grass and forb growth.
8. Place rocks, logs and slash on all newly created foot paths. Discourage future use and camouflage entrance points – pull slash onto paths and construct water bars where needed.
9. Pick up all trash in these areas.

**SAFETY ZONES AND SAFETY AREAS**

If constructed please use the following standards.

1. Scatter slash piles at all safety zones and areas. Lop and scatter all slash to a maximum height of 18 inches.
2. Scarify all bare ground and apply seed on all disturbed soil that is currently exposed soil. Location, rate and seed mix to be determined by Resource Advisor.

**Range / WILDLIFE improvements**

Inventory and provide locations of all range and wildlife improvements that were **damaged by fire suppression activities,** improvements include:

* Fences
* Tanks
* Drinkers
* Springs with developments
* Water pipelines above ground
* Corrals

READ will work with Plans and Ops to identify and determine improvements damaged due to suppression actions and provide incident personnel with the “Silver City Ranger District – Natural Resource Concerns and Management Areas Map” to identify resources of concern.

It is recommended that the fence be repaired / replaced with a fence that is wildlife friendly. A wildlife-friendly fence should include:

* Minimum of 12 inches between the top 2 wires.
* Smooth bottom wire at least 16 inches from the ground.
* Maximum height of 42 inches.

**heritage sites**

Consult with READ/Archeologists prior to starting work in and around cultural resource sites. All work in these areas will be directed by an archeologist on site. Any trees or slash felled within historic site perimeters utilize same guidelines as above and additional standards will be issued.

# Cow Canyon Fire

## A-SNFs Fire Suppression Repair Plan

### AZ-ASF-000819

### Goal:

This repair plan is designed to guide the planning and implementation of fire suppression repair measures on the Cow Canyon fire for the Apache-Sitgreaves National Forests Lands.

The **intent of this fire suppression repair plan** is to mitigate or eliminate resource or any other effect/damages that resulted from fire suppression activities. This plan is not to address long-term land rehabilitation/restoration needs or work. All repair work will be done in a safe and efficient manner.

### Responsibilities:

This plan provides fire suppression repair standards in order to provide efficient implementation of repair activities, reduce repair costs, and protect common resource values impacted by suppression activities. Implementation of this plan will be conducted by the Incident Management Team under the authority of resource advisors and/or the agency administrators. Uncompleted items will be documented and passed to the agency administrators.

Repair of the Incident Base Camp or other sites used as spike camp, helibase and drop points will follow repair standards outlined in this plan or as documented within individual rental agreements and contracts.

Objectives of Plan

* **Responder/Repair Personnel Safety** – Ensure all suppression repair work is done in a safe and efficient manner.
* **Soil** - Stabilize and, where practical and needed, rehabilitate areas disturbed by suppression activities.
* **Facilities** - Repair impacts to facilities, roadways and grounds used as parking and staging areas, spike camp, helispots, dip sites, drop points, and pump sites.
* **Resource Recovery/soil stabilization** – All areas should be naturally appearing. Repair and stabilize any impacts or damage to resources from suppression activities.
* **Water Quality and Watershed Values** – Minimize sediment delivery caused by suppression activities into streams and drainages to maintain water quality.
* **Cultural Resources** – Protect cultural resource sites that are identified and repair areas where fire suppression activities destabilized slopes near sites.
* **Travel Management** – Restrict new motorized vehicle access that may have been created. Provide for the reestablishment of administrative roadway conditions to pre-incident standard. Prevent unauthorized vehicular access along suppression features including hand lines.
* **Minimize Traces** – Leave the fire, base camp, and other areas used in a natural state as much as practical.
* **Cost Containment** – Ensure that treatments are feasible, and costs are considered while developing and implementing fire suppression repair treatments.
* **Wilderness, Primitive and Scenic Values** - Return to naturally appearing conditions to areas disturbed by suppression activities, with special attention to the Blue Range Wilderness and the Blue Range Primitive Area.
* **Range** - Repair range infrastructure used or impacted during suppression activities such as water holes, fences, tanks, cattle guards, gates, corrals, etc.

Documentation Requirements

Provide map that documents status of all rehabilitation activities to the two forests.

Rehabilitation Standards (Use these unless specific standards are provided by agency)

**General**

* Work with READs to ensure agency specifications followed on all activities.
* Collect and carry out all trash, excess equipment, added signs and flagging from all fire lines, parking and staging areas, helispots, helibases, spike camps, drop points, and pump sites. Document equipment still on the line for ongoing suppression needs.
* Division Supervisors and Resource Advisor should work together to identify features including, but not limited to, fences, gates, roads, pipelines, troughs, signs/markers, and archaeological sites impacted by suppression activities and assess repair needs. Document on repair map.
* Ensure all equipment and vehicles washed before demobilizing from the fire.
* Inspect sites for spilled gas, oil or hazardous material and arrange for appropriate removal.

**Tree and Cut Vegetation and Debris**

* Remove trees and vegetation felled or cut during suppression activities, or other obstructions (such as rocks), from roads, trails, and drainages which may create post-fire safety hazards or impact water flow. Do NOT create piles.
* Clear snags along roads and trails that pose an immediate threat to firefighter and public safety, especially access to recreation or traditional special areas. Slash should be cut into three (3) feet or less lengths and lopped and scattered or chipped. Flush cut all stumps and cover with dirt.

**Roads**

* Restore grade and water control structures to ensure water drains from roads.
* Ditches, lead out ditches, low water crossings, culverts should be clear of slash, debris, woody material and other obstructions to allow maximum flows.
* Roads should be returned to their original or better surface condition. Any ruts, or severe wash boarding, or damage created by suppression activities should be repaired.
* Logs can be piled on the green side of the road and ensure that they cannot roll into the roadway.
* Slash, and other debris should be placed away from the road and scattered to prevent them from rolling onto the road.

**Fence Lines**

* Document and repair sections of fence lines or gates that were cut or damaged during suppression activities.

**Constructed Fire Lines**

* Coordinate with Resource Advisor prior to rehabilitation of firelines to protect archaeological sites.
* Pull back berms and topsoil and scatter slash on lines. Do NOT create brush piles along lines.
* To discourage unauthorized vehicle use, camouflage entrances to fire lines by placing boulders, logs, trees, and/or slash across them.
* Install water bars to minimize soil erosion. Water bars should be constructed diagonally (at 30 – 35 degrees), not perpendicular to suppression lines in order to divert runoff. Construct drains such that water flows into unburned areas, wherever possible. Ensure that water bars have open outlets to avoid restricting flows. Use the following guidelines for spacing of water bar construction:
* If in doubt, or an area appears to support water flows, shorten distance between waterbars.

Slope Maximum Spacing

12 to 20% 400 feet

21 to 30% 200 feet

31 to 50% 100 feet

Steeper than 50% 50 feet

* Where soil has been exposed and/or compacted, scarify the to 2-4 inches and scatter with needles, twigs, rocks, and dead branches.
* Where trees were cut or limbed, cut stumps flush with the ground, scatter limbs and boles, out of sight in unburned area. Camouflage stumps and tree boles using rocks, dead woody material, fragments of stumps, limbs, soil and fallen or broken green branches.
* Remove newly cut trees, boles, slash that re visible from trails or meadows. Drag other highly visible woody debris created during the suppression effort into timbered areas and disburse. Tree boles that are too large to move should be slant cut so a minimal amount of the cut surface is visible.

**Helispots, Helibases, Heliwells, and Pump Sites**

* Make sure all firefighter materials are removed.
* Inspect sites for spilled gas or oil and arrange for appropriate removal of contaminated soil.
* Pull litter and topsoil back onto cleared areas and scatter any cut vegetation across disturbed areas.

**Safety Zones, Drop Points, and Spike Camps**

* Remove all supplies and trash as soon as site is no longer occupied and/or needed. Sweep for micro-trash.
* Pull any berms or displaced topsoil and scatter any cut vegetation across disturbed areas.

**Base Camp**

* Ensure that all trash, equipment, and flagging are removed from the Base Camp and displaced soil and vegetation are pulled back onto any cleared areas.
* Flush cut all stumps and cover them with soil.
* Lop and scatter slash from snag mitigation operation.
* Scatter gathered rock piles to discourage off road driving.
* Work with READs to ensure satisfactory compliance.

**Forest Trails**

* If used for line – reestablish water bars affected during suppression activities and rehabilitate tread if needed.
* Reestablish pre-existing trail width.
* Remove downed timber, hazard trees, or other obstructions which may create post fire safety hazards.
* Remove accumulation of slash resulting from fire suppression activities where they meet system trails or interfere with water dissipation.

**Cow Canyon Repair/Rehabilitation Standard for the Blue Wilderness**

The following standards will be utilized for all suppression actions within the Blue Wilderness of the Gila National Forest:

For any live trees cut along trails that are visible: ensure stumps are cut flush to ground and camouflage the cut surface with soil or brush or roughen ends of all stumps and logs cut ax or Pulaski within view of trail.

Ensure all activity slash as a result of using the trail as a fire line, is lopped and scattered to a depth of less than 12 inches and 100 feet from trail (please check both sides of trail, green and black).

Orientate fuels cut with saws in ways that cut end is not visible or partially obscured from the trail

**For fire lines and escape routes that were constructed within wilderness: intercept or are tied to trails within 100 feet up the fire line**:

* Obliterate by scattering slash, replace rocks, and flatten berms.
* Place rocks, logs and slash on all fire lines to discourage use and camouflage entrance points.
* Cut stumps flush or as close to the ground as possible. Cover tops of stumps with layer of dirt within 100 feet of intersection of trails.
* Chop large stumps (with ax or Pulaski) and roughen the ends of stumps and logs that are within view of trail within 100 feet of intersection with trails.

**Table

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| **UNIT LOG** | | 1. Incident Name   **COW CANYON** | 1. Date Prepared | 1. Time Prepared |
| 4. Unit Name/Designators | | 5. Unit Leader (Name and Position) | | 1. Operational Period |
| 7. Personnel Roster Assigned | | | | |
| Name | | ICS Position | | Home Base |
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| 8. Activity Log | | | | |
| Time | Major Events | | | |
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| 1. Prepared by (Name and Position) | | | | |
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