



**SOUTHWEST AREA TYPE 1
INCIDENT MANAGEMENT TEAM 2**
JOHN PIERSON - INCIDENT COMMANDER

SUPERSTITION FIRE

*TONTO NATIONAL FOREST
ARIZONA DEPARTMENT OF FORESTRY AND FIRE MANAGEMENT*



AZ-TNF-002551 P3NGUO (0312)

INCIDENT ACTION PLAN

Thursday, August 27, 2020

Operational Period

Day 0600 to 2100

IAP



INCIDENT OBJECTIVES (ICS 202)

1. Incident Name: Superstition Fire	2. Operational Period: Date From: 8/27 Time From: 0600	Date To: 8/28 Time To: 2100															
3. Objective(s): The lives and safety of the public and firefighters will be at the forefront of all decisions and actions. Implement strategies and tactics that commit responders only to operations that meet sound risk management principles, and weigh the probability of success along with best management practices. Provide structure protection and infrastructure protections using point-protection, direct and indirect strategies as needed to avoid damage to these values: Apache Junction Gold Canyon Highway 88 Canyon Lake SRP Powerlines Minimize impact to heritage, recreation, watershed and wildlife values by using low severity fire in advance of potentially damaging high severity fire Maintain and develop relationships with partner agencies, cooperators, permittees and stakeholders. Provide regular and timely public information about the fire Utilize best management practices as feasible to mitigate for COVID 19																	
4. Operational Period Command Emphasis: 																	
General Situational Awareness Extreme Heat, Steep Rugged Terrain and very active fire behavior																	
5. Site Safety Plan Required? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Approved Site Safety Plan(s) Located at:																	
6. Incident Action Plan (the items checked below are included in this Incident Action Plan): <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;"><input type="checkbox"/> ICS 203</td> <td style="width: 33%;"><input type="checkbox"/> ICS 207</td> <td style="width: 34%;"><u>Other Attachments:</u></td> </tr> <tr> <td><input type="checkbox"/> ICS 204</td> <td><input type="checkbox"/> ICS 208</td> <td><input checked="" type="checkbox"/> Unit Log _____</td> </tr> <tr> <td><input type="checkbox"/> ICS 205</td> <td><input type="checkbox"/> Map/Chart</td> <td><input checked="" type="checkbox"/> Safety Message _____</td> </tr> <tr> <td><input type="checkbox"/> ICS 205A</td> <td><input type="checkbox"/> Weather Forecast/Tides/Currents</td> <td><input type="checkbox"/> _____</td> </tr> <tr> <td><input type="checkbox"/> ICS 206</td> <td></td> <td><input type="checkbox"/> _____</td> </tr> </table>			<input type="checkbox"/> ICS 203	<input type="checkbox"/> ICS 207	<u>Other Attachments:</u>	<input type="checkbox"/> ICS 204	<input type="checkbox"/> ICS 208	<input checked="" type="checkbox"/> Unit Log _____	<input type="checkbox"/> ICS 205	<input type="checkbox"/> Map/Chart	<input checked="" type="checkbox"/> Safety Message _____	<input type="checkbox"/> ICS 205A	<input type="checkbox"/> Weather Forecast/Tides/Currents	<input type="checkbox"/> _____	<input type="checkbox"/> ICS 206		<input type="checkbox"/> _____
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<input type="checkbox"/> ICS 206		<input type="checkbox"/> _____															
7. Prepared by: Name: <u>Clint Remington</u> Position/Title: <u>MESA RD DO</u> Signature: _____																	
8. Approved by Incident Commander: Name: _____ Signature: _____																	
ICS 202	IAP Page _____	Date/Time: _____															

ORGANIZATION ASSIGNMENT LIST				Operations Section	
1. Incident Name SUPERSTITION FIRE				Section Chief	ROCY GILBERT / RICK MILLER / DUGGER HUGHES
2. Date Prepared	8/26/2020	3. Time Prepared	2200 hrs	Division Alpha	CLYDE ENGLAND
				Division Delta	RUSS SHUMATE
4. Operational Period Thursday 8/27/2020 Day 0600 to 2100				Structure Group	DEAN STEWARD
Incident Commander and Staff					
Incident Commander	JOHN PIERSON				
Deputy	JOHN TRUETT			Air Operations Branch	
Safety Officer	DON MUISE / RICKY COX (t)			Air Operations Branch Director	PETE SCHWAB
Information Officer	KAREN TAKAI / MANNY CORDOVA (t)			Air Support Group Supervisor	RAUL AGUILERA
Liaison Officer	SCOTT COOKE / STEVE BEST				NATALIE BENCH
Agency Representative				Air Tactical Group Supervisor	
Tonto NF AADM	JAMES DURAN / MICAH GRONDIN (t)				
Tonto NF AREP	NEIL BOSWORTH			Finance Section	
BLM				Section Chief	KEN LEAKE / MEGAN MACHT
AZ Dept. of Forestry AADM	JOE BARRERAS			Time Unit	ANN BACA (t)
AZ Dept. of Forestry AREP				Equipment Time	MARCELLA LUCERO
READ	JEFF SPURLA			Personnel Time	MIKE BURNS (t)
Pinal County EM				Cost Unit	JERRY BILLS
Mesa Ranger District	DAVE RAMIREZ			Procurement Unit Leader	
				Comps/Claims	CASEY WARREN
Planning Section					
Section Chief	LANN MOORE (t)				
Deputy Chief					
Situation Unit	TARA UMPHRIES / KATIE BROWN (t)				
Demobilization Unit	MARSHA COLLIER				
Resources Unit Leader	BETSY DRAGAN				
Status Check-in	MICHELLE ALLEN (t)				
Fire Behavior Analyst	DAN PEARSON				
GIS Specialist	KERRY GAIZ				
Computer Specialist	CHRIS DAWSON / COLLEEN BAILEY				
Training Specialist					
Meteorologist					
Human Resource	PATTY BROOKINS				
Documentation Unit					
Logistics Section					
Section Chief	JR CALKINS				
Deputy Chief	SHAWN FOSTER				
Ordering Manager	SARA LUPIN				
Supply Unit	DANIEL YOUNGSON				
Facilities Unit	MICHAEL MCGUINNESS				
Base Camp	STEVEN JAMES				
Ground Support Unit	TIM MABERY				
Communications Unit	MARTIN JOHNS				
Communications Tech					
Medical Section Chief	TODD MIRANDA				
Medical Unit	JEFF HATCH / SCOTT PHILLIPS				
Food Unit				Prepared by: Betsy Dragan RESL	
Security Manager					

Spot Forecast for Superstition Fire...
National Weather Service Phoenix AZ
506 PM MST Wed Aug 26 2020

Forecast is based on forecast start time of 0500 MST on August 27.
If conditions become unrepresentative...contact the National Weather Service.

.DISCUSSION...

Thunderstorm outflow winds will be the greatest concern for this incident with abrupt shifts from southwest to east or northeast both this evening and Thursday evening. Wind speeds this evening will likely not be particularly strong, however the potential for easterly gusts 25-35 mph are more likely Thursday. The chance for actual storms and wetting rains at the fire site are quite low (less than 20%). Otherwise, temperatures will remain unusually hot with humidity levels much drier than typical for August.

...Thunderstorms imply gusty winds...

Note...Additional Fire Weather Forecast information can be found in the Area Forecast Discussion. See product PHXAFDPSR.

.REST OF TONIGHT...

Sky/weather.....Partly cloudy.
CWR.....0 percent.
Min temperature.....80-84.
Max humidity.....31-36 pct.
Wind (20 ft).....Southwest wind 4 to 8 mph early in the evening
becoming northeast 5 to 10 mph mid evening and beyond.

.THURSDAY...

Sky/weather.....Mostly sunny.
CWR.....0 percent.
Max temperature.....99-105.
Min humidity.....13-20 pct.
Wind (20 ft).....Northeast winds 5 to 7 mph in the morning
becoming southwest 5 to 10 mph in the afternoon.

.THURSDAY NIGHT...

Sky/weather.....Partly cloudy.
CWR.....0 percent.
Min temperature.....78-82.
Max humidity.....33-38 pct.
Wind (20 ft).....Southwest wind 5 to 10 mph early in the evening
with an abrupt shift to the east likely by mid evening. East winds 10 to 20 mph with gusts 25-35 mph possible with the initial wind shift becoming northeast 5 to 10 mph by late evening.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 1	TYPE OF FIRE: Wildfire
FIRE NAME: Superstition Fire	OPERATIONAL PERIOD: Day Operations, 08/27/2020
DATE ISSUED: 08/26/20	TIME ISSUED: 17:00
UNIT: AZ-TNF Tonto National Forest	SIGNED: FBAN

INPUTS

WEATHER SUMMARY: High pressure across the Southwest will continue the above normal temperatures the next few days. Main concern is the possibility of an outflow boundary impacting the fire area. This is more likely than a thunderstorm directly affecting the Superstition Mountains. Outflow boundary winds have the potential to be brief, erratic, and gusting as high as 40 mph.

Sky Condition: Mostly sunny **Temp:** 107-111° **Humidity (min):** 14-19% **CWR:** 0% **Haines:** 3 Low
Winds: West winds 5 -10 mph **Outflow winds from the east likely after 1600** **LAL:** 1 in the am then 3 in pm

OUTPUTS

FIRE BEHAVIOR

GENERAL:

Summary – Expect active fire behavior to continue in all fuel types as the fire will be pushed by hot and dry conditions. Over the next two days, pay particular attention to the potential for outflow winds which will drastically and quickly increase fire behavior. Observations of extreme fire behavior late in the afternoon/eve have been reported. Significant growth and active crown fire in brush should be anticipated this afternoon if T-Storms build near the fire.

Environment – The Sonoran and Brush FDRAs for the Tonto NF are showing ERC and KBBi values that are setting new high records for this time of the year. ERCs are running at, or near, the 95th percentile with KBBIs continuing a climb past the 90th percentile. This is an unusually hot and dry period for late August.

Fuels – Sonoran Desert/Desert Grasslands – Fully cured heavy grass crop, including invasive grasses have increased resistance to control all summer, no relief has been received so expect a continuous available fuel bed to exist. Upper shrublands - Expect all fuels to be available with live FM in the mid 50-70% range for Oak and Manzanita.

General fire characteristics – Conditions represent active fire behavior based on predicted afternoon conditions. **High end of characteristics modeled using 25 mph winds to estimate outflow wind impacts.**

GRASS-BRUSH Head Fire – ROS: 10-14 ch/hr; FL 5-8 ft, **Backing/Flanking Fire** ROS – 2-4 ch/hr, FL-2-4 ft
BRUSH Head Fire – ROS: 20-30 ch/hr; FL 12-20 ft, **Backing/Flanking Fire** ROS – 3-10 ch/hr, FL-4-8 ft

POI (probability of ignition) – 90-100% shaded and unshaded **FDFM** (fine dead fuel moisture) is 3%.

SPECIFIC:

Superstition Fire – Fire is likely to continue to push primarily to the north and east today. On the northwest corner, fire will move downslope into Siphon Draw then onto the flats. On the northeast, fire will push towards First Water Creek and Parker Pass. Watch for sudden increases in rate of spread after slope reversals. Additionally, outflow winds will likely be funneled through the complex topography resulting in erratic fire movement. Post lookouts and alert others if you observe T-storm buildup within 5 miles.

AIR OPERATIONS:

Hazy conditions early in the morning. Smoke should clear around 1000 resulting in good visual range. Watch for thunderstorms building in the mid-to-late afternoon bringing gusty erratic winds.

SAFETY – Outflow Winds

Although conditions are conducive to support steadily active fire behavior across the fire area, activity can quickly escalate to Extreme fire behavior in all directions, on all fires, in all fuel types as winds increase and or change direction where outflow winds from approaching and passing T-Storms reach the fire area.

DIVISION ASSIGNMENT LIST	Branch	Division/Group
Incident Name		
SUPERSTITION FIRE	Operational Period	
	Date: 8/27/2020	Time: 0600-2100
Operations Personnel		
Operations Chief	Rocky Gilbert / Rick Miller	Branch Director
Safety Officer	Don Muise / Ricky Cox (t)	Division/Group Supervisor

Resources Assigned This Period						
Strike Team/Task Force/ Resource Designator	Req#	Last Shift	Leader	# Persons	Drop Off Point /Time	Pick Up Point / Time

Work Assignments (Task and Purpose)

End State (Desired outcome and Time Frame)

EMS Transport Time Risk Analysis	Note		
X <2HRS GREEN	<3HRS YELLOW	<3HRS RED	

Special Instructions

Division/Group Communication Summary										
Function	Frequency RX	Frequency TX	TONE RX	TONE TX	Channel	Function	Frequency RX	Frequency TX	TONE	Channel
Command						A/G				
Tactical										
Prepared by Betsy Dragan RESL ICS 204	Approved By Lann Moore PSC (t)					Date 8/26/2020	Time 22:00			

INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)

1. Incident Name:
Superstition Fire

2. Date/Time Prepared:
Date: 08/26/2020
Time:

3. Operational Period:
Date From: 08/27/20 Date To: 08/27/20
Time From: 0600 Time To: 2100

4. Basic Radio Channel Use:

Zone Grp.	Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq N or W	RX Tone/NAC	TX Freq N or W	TX Tone/NAC	Mode (A, D, or M)	Remarks
	1	Forest IA repeater	FN 1	All	171.500 0		164.825 0	123.0		COMMAND
	2	Fire Repeater	FN 2	All	170.500 0		164.187 5	123.0		COMMAND BACK UP
	4	A/G 27	A/G Primary	All	166.825 0		166.825 0			Primary A/G
	5	A/G 61	A/G Secondary	All	169.287		169.287 5			Secondary A/G
	8	Life Flight	V Fire 21	Emergency	154.280 0		154.280 0			Life Flight
	9	Tactical	Tac 1	A	167.550 0		167.550 0			DIV A Tactical Freq
	10	Tactical	Tac 2	D	168.675 0		168.675 0			DIV Z Tactical Freq
	15	Life Flight Secondary	V Med 28	All	155.340 0		155.340 0			Life Flight Secondary

5. Special Instructions:

For Command Repeaters the Tone is set to 131.8 Mt Ord (Tone 3)
*Based on getting a clone for TNF South Zone radio group

6. Prepared by (Communications Unit Leader): Name: _____

Signature: _____

MEDICAL PLAN (ICS 206 WF)

Controlled Unclassified Information//Basic

1. Incident/Project Name		2. Operational Period			
Superstition Fire		August 27, 2020			
3. Ambulance Services					
Name	Complete Address	Phone & EMS Frequency	Advanced Life Support (ALS) Yes No		
Rural Metro FD	7631 E. Main St, Mesa AZ 85207	911/ VFIRE21	✓		
Ft. McDowell FD	10755 N Fort McDowell Rd, Fort McDowell, AZ 85264	(480) 816-7521/VFire 21	✓		
4. Air Ambulance Services					
Name	Phone	Type of Aircraft & Capability			
Native Air	1-800-806-7106	Lifelight land only/NVG capable-Internal			
DPS	602-223-2203	Hoist Available/Short Haul/NVG			
5. Hospitals					
Name Complete Address	GPS Datum – WGS 84 Coordinate Standard Degrees Decimal Minutes DD° MM.MMM' N - Lat DD° MM.MMM' W - Long	Travel Time Air Gnd	Phone	Helipad Yes No	Level of Care Facility
Arizona Burn Center Maricopa Medical Center 2601 E. Roosevelt Phoenix, AZ 85008	Lat: N33°27.4	15 min 60 min	602-344-5726	<input checked="" type="checkbox"/> <input type="checkbox"/>	Level 1 Trauma/Burn Facility. All burn injuries will be transported to this location.
	Long: W112°01.6				
	VHF:				
Scottsdale Osborn Trauma Center 7400 E. Osborn Rd Scottsdale, AZ 85251	Lat: N33°29.33	15 min 60 min	480-675-4810	<input checked="" type="checkbox"/> <input type="checkbox"/>	Honor Health Level 1 Trauma Center
	Long: W111°55.3				
	VHF:				
Mountain Vista Medical Center 1301 S. Crismon Road Mesa, AZ 85209	Lat: 33°23.493	15 min 60 min	480-358-6300 (emergency room)	<input checked="" type="checkbox"/> <input type="checkbox"/>	Level 2 trauma center
	Long: 111°36.651				
	VHF:				
	VHF:				
6. Division Branch Group		Area Location Capability			
A		EMS Responders & Capability:		Superstition Medic Team	
		Equipment Available on Scene:		UTV and ALS/BLS	
		Medical Emergency Channel:		TAC or Command	
		ETA for Ambulance to Scene:			
		Air:		45 mins	
		Ground:		20 mins	
		Approved Helispot:			
		Lat:			
		Long:			

MEDICAL PLAN (ICS 206 WF)

Controlled Unclassified Information//Basic

Medical Incident Report

FOR A NON-EMERGENCY INCIDENT, WORK THROUGH CHAIN OF COMMAND TO REPORT AND TRANSPORT INJURED PERSONNEL AS NECESSARY.

FOR A MEDICAL EMERGENCY: IDENTIFY ON SCENE INCIDENT COMMANDER BY NAME AND POSITION AND ANNOUNCE "MEDICAL EMERGENCY" TO INITIATE RESPONSE FROM IMT COMMUNICATIONS/DISPATCH.

Use the following items to communicate situation to communications/dispatch.

1. CONTACT COMMUNICATIONS / DISPATCH (Verify correct frequency prior to starting report)

Ex: "Communications, Div. Alpha. Stand-by for Emergency Traffic."

2. INCIDENT STATUS: Provide incident summary (including number of patients) and command structure.

Ex: "Communications, I have a Red priority patient, unconscious, struck by a falling tree. Requesting air ambulance to Forest Road 1 at (Lat./Long.) This will be the Trout Meadow Medical, IC is TFLD Jones. EMT Smith is providing medical care."

Severity of Emergency / Transport Priority	<input type="checkbox"/> RED / PRIORITY 1 Life or limb threatening injury or illness. Evacuation need is IMMEDIATE <i>Ex: Unconscious, difficulty breathing, bleeding severely, 2^o - 3^o burns more than 4 palm sizes, heat stroke, disoriented.</i> <input type="checkbox"/> YELLOW / PRIORITY 2 Serious Injury or illness. Evacuation may be DELAYED if necessary. <i>Ex: Significant trauma, unable to walk, 2^o - 3^o burns not more than 1-3 palm sizes.</i> <input type="checkbox"/> GREEN / PRIORITY 3 Minor Injury or illness. Non-Emergency transport <i>Ex: Sprains, strains, minor heat-related illness.</i>	
Nature of Injury or Illness & Mechanism of Injury		Brief Summary of Injury or Illness <i>(Ex: Unconscious, Struck by Falling Tree)</i>
Transport Request		Air Ambulance / Short Haul/Hoist Ground Ambulance / Other
Patient Location		Descriptive Location & Lat. / Long. (WGS84)
Incident Name		Geographic Name + "Medical" <i>(Ex: Trout Meadow Medical)</i>
On-Scene Incident Commander		Name of on-scene IC of Incident within an Incident <i>(Ex: TFLD Jones)</i>
Patient Care		Name of Care Provider <i>(Ex: EMT Smith)</i>

3. INITIAL PATIENT ASSESSMENT: Complete this section for each patient as applicable (start with the most severe patient)

Patient Assessment: See IRPG page 106

Treatment:

4. TRANSPORT PLAN:

Evacuation Location (if different): (Descriptive Location (drop point, intersection, etc.) or Lat. / Long.) Patient's ETA to Evacuation Location:

Helispot / Extraction Site Size and Hazards:

5. ADDITIONAL RESOURCES / EQUIPMENT NEEDS:

Example: Paramedic/EMT, Crews, Immobilization Devices, AED, Oxygen, Trauma Bag, IV/Fluid(s), Splints, Rope rescue, Wheeled litter, HAZMAT, Extrication

6. COMMUNICATIONS: Identify State Air/Ground EMS Frequencies and Hospital Contacts as applicable

Function	Channel Name/Number	Receive (RX)	Tone/NAC *	Transmit (TX)	Tone/NAC *
COMMAND					
AIR-TO-GRND					
TACTICAL					

7. CONTINGENCY: Considerations: If primary options fail, what actions can be implemented in conjunction with primary evacuation method? Be thinking ahead.

8. ADDITIONAL INFORMATION: Updates/Changes, etc.

REMEMBER: Confirm ETA's of resources ordered. Act according to your level of training. Be Alert. Keep Calm. Think Clearly. Act Decisively.

SAFETY MESSAGE

INCIDENT NAME: Superstition Fire

OPERATIONAL PERIOD: 08/27/2020 Day

MAJOR HAZARDS:

- **Driving** – Drive defensibly, use headlights and backers. Take breaks if driving long distances.
- **Fire Weather and Fire Behavior** – Watch for near critical fire weather.
- **Heat Related Injury/Dehydration**– Continue to replenish your fluids and avoid overheating
- **Transition** – Be aware that transition periods can be dangerous. Ensure that briefings are clear and emergency procedures are in place before engaging.

Cumulative Fatigue



DON'T LET THIS BE YOU!!!!

ADAPTABILITY AND FLEXIBILITY: As the 2020 Fire season continues to drag on, dealing with active fire and how to implement COVID 19 strategies to protect all our firefighters and support folks is challenging to say the least. Do your best to maintain social distancing, wash your hands and use sanitizer as frequently as possible- especially before eating, drinking or touching your face. If you have to be within a 6' distance from someone use a mask if you have it. Take care of yourselves and watch out for one another.

Increasing personal adaptability and flexibility increases our margin of error and can lead to a safer environment. Below are some things to consider both at work and in our personal lives:

- Alter plans to meets situation demands
- Alter behavior to meet situational demands
- Accept constructive criticism and help others
- Step in and help other crew/module/team members
- Be receptive to other's ideas
- Advocate a specific course of action
- State opinions on decisions/procedures even to higher ranking crew members
- Ask questions when uncertain
- Make suggestions
- Raise questions about procedures

Thanks for paying attention to the details of your missions and for maintaining a great safety record on this incident.

SAFETY OFFICERS:

Craig Carrol

GENERAL MESSAGE (ICS 213)

1. Incident Name (Optional): Superstition Fire		
2. To (Name and Position):		
3. From (Name and Position):		
4. Subject:	5. Date:	6. Time
7. Message:		
8. Approved by: Name: <u>Rigo Flores</u> Signature: <u>RIGOBERTO FLORES</u> <small>Digitally signed by RIGOBERTO FLORES Florida Date: 2019.06.15 12:47:17 -0700</small> Position/Title: _____		
9. Reply:		
10. Replied by: Name: _____ Position/Title: _____ Signature: _____		
ICS 213	Date/Time: _____	

Operations
Superstition
A2-TNF 2551
8/26/20 at 1100



0 0.25 0.5
Miles

Legend
Shaded Area (see text)

Map of the area

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