

FRANCINE VILLA WEST TACTICAL PLAN

Description: This residential area consists of older homes built close together. A canyon with a wide road gives access to areas below the homes. Two additional wide trails break up the south slope fuel on both sides of the canyon.

Water: The area is served by a 4 inch main..

Evacuation: Evacuate residents through the gate into the North Terrace Elementary School (see map).

Priority Protection: Protect the most threatened homes on the canyon rim to prevent home-to-home spreading.

Resources: Structure Group:

- 5 Type I Engs.
- 1 Type I hand Crew
- 1 Type II Water Tender

Division A

- 5 Type III Engs.
- 2 Type II Hand Crews
- 1 Type II Water Tender

Aircraft

- 3 Type II Helicopters

Suggested Tactics

Quickly attack the wild-land fire before it gets on the slope and makes runs toward the homes. The fuel is light and flashy but should be fairly easy to knock fire down with air support. You have good ground access from the canyon bottom. Attack the hot flank first and tie in with structure group units at the top then attack the slower backing flank. Secure all flanks with a hand crew constructed line to mineral soil.

**EVACUATION SITE AT NORTH
TERRACE ELEMENTARY SCHOOL**

ENTER THROUGH SOUTH GATE



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Google

Pointer 33°12'52.01" N 117°22'42.38" W elev 53 ft Streaming 100%

Eye alt 2869 ft



FRANCINE VILLA WEST OCEANSIDE



SPECIFIC SITE RISK

FRANCINE VILLA WEST RISK ASSEMET MATRIX		
FF Safe 2	Fuels 2	Access 2
Civ Safe 2	Topog 2	Water 2
Air Safe 3	Clear 3	Comm 1
Hazmat 2	Const 2	Tac Air 3
	Density 3	

3	2	1
POOR-HIGH RISK	MOD. RISK	GOOD-LOW RISK

RISK COLOR CODE

S A F E T Y	FF SAFETY	FF Safe	NO SAFETY ZONES	MARGINAL SAFETY ZONES	ADEQUATE SAFETY ZONES	
	CIVILIAN SAFETY	Civ Safe	MANDATORY EVACUATION	EVACUATE IF TIME PERMITS	SHELTER IN PLACE	
	AIR SAFETY	Air Safe	AERIAL OBSTRUCTIONS & STEEP CANYONS	STEEP CANYONS OR AERIAL OBSTRUCTIONS	NO HAZARDS	
	HAZMAT	Hazmat	BULK LPG, FUEL, CHEMICAL	HAZARDS IN BARNs & STORAGE SHEDS	NONE	
	--					
	S T A T I C	FUELS	Fuels	HEAVY OR DEAD TREES / BRUSH	MODERATE	LIGHT
		TOPOGRAPHY	Topog	STEEP	MEDIUM SLOPE	FLAT
		CLEARANCE	Clear	30 FEET OR LESS	30 TO 70 FEET	MORE THAN 70 FEET
		CONSTRUCTION	Const	ABUNDANT COMBUSTABLE ROOFS / EXTERIOR	SOME COMBUSTABLE ROOFS / EXTERIOR	NON COMBUSTABLE ROOFS / EXTERIOR
		STRUCTURAL SPACING	Density	DENSE & TIGHT STRUCTURAL SPACING	SUBDIVISION TRACTS	RURAL, DISPERSED
--						
A T T A C K		ACCESS	Access	NARROW DIRT ROADS NO TURN AROUND AREAS	ONE LANE PAVED, TURN AROUNDS, ONE WAY IN & OUT	MIN. TWO LANES, PAVED, MULTIPLE WAYS IN & OUT
		WATER	Water	NO WATER SOURCE	PONDS, POOLS, LOW FLOW HYDRANTS	GOOD HYDRANTS
		COMMUNICATIONS	Comm	OVERALL POOR RADIO OR CELL COVERAGE	GENERAL RADIO COVERAGE WITH SOME WEAK SPOTS	GOOD RADIO & CELL COVERAGE
		TAC AIR SUPPORT	Tac Air	20 MIN+ RELOAD & RETURN TIME, NO LZ's	10 TO 15 MIN RELOADS & TURN AROUND TIME, NO LZ's	5 MIN OR LESS RELOAD & RETURN TIME, PLENTY LZ'S

*COURTESY OF U.S. ARMY-NATIONAL TRAINING CENTER



Bailey Meadow Area Greenwood Drive



SPECIFIC SITE RISK

BAILEY MDW. – GREENWOOD DR.		
RISK ASSESSMENT MATRIX		
SAFETY	STATIC	ATTACK
FF Safe 2	Fuels 1	Access 2
Civ Safe 1	Topog 2	Water 2
Air Safe 2	Clear 1	Comm 1
Hazmat 2	Const 1	Tac Air 2
	Density 2	

RISK COLOR CODE

S A F E T Y	FF SAFETY	FF Safe	NO SAFETY ZONES	MARGINAL SAFETY ZONES	ADEQUATE SAFETY ZONES
	CIVILIAN SAFETY	Civ Safe	MANDATORY EVACUATION	EVACUATE IF TIME PERMITS	SHELTER IN PLACE
	AIR SAFETY	Air Safe	AERIAL OBSTRUCTIONS & STEEP CANYONS	STEEP CANYONS OR AERIAL OBSTRUCTIONS	NO HAZARDS
	HAZMAT	Hazmat	BULK LPG, FUEL, CHEMICAL	HAZARDS IN BARNs & STORAGE SHEDS	NONE
--					
S T A T I C	FUELS	Fuels	HEAVY OR DEAD TREES / BRUSH	MODERATE	LIGHT
	TOPOGRAPHY	Topog	STEEP	MEDIUM SLOPE	FLAT
	CLEARANCE	Clear	30 FEET OR LESS	30 TO 70 FEET	MORE THAN 70 FEET
	CONSTRUCTION	Const	ABUNDANT COMBUSTABLE ROOFS / EXTERIOR	SOME COMBUSTABLE ROOFS / EXTERIOR	NON COMBUSTABLE ROOFS / EXTERIOR
--					
A T T A C K	STRUCTURAL SPACING	Density	DENSE & TIGHT STRUCTURAL SPACING	SUBDIVISION TRACTS	RURAL, DISPERSED
	ACCESS	Access	NARROW DIRT ROADS NO TURN AROUND AREAS	ONE LANE PAVED, TURN AROUNDS, ONE WAY IN & OUT	MIN. TWO LANES, PAVED, MULTIPLE WAYS IN & OUT
	WATER	Water	NO WATER SOURCE	PONDS, POOLS, LOW FLOW HYDRANTS	GOOD HYDRANTS
	COMMUNICATIONS	Comm	OVERALL POOR RADIO OR CELL COVERAGE	GENERAL RADIO COVERAGE WITH SOME WEAK SPOTS	GOOD RADIO & CELL COVERAGE
	TAC AIR SUPPORT	Tac Air	20 MIN+ RELOAD & RETURN TIME, NO LZ's	10 TO 15 MIN RELOADS & TURN AROUND TIME, NO LZ's	5 MIN OR LESS RELOAD & RETURN TIME, PLENTY LZ'S

1	2	3
POOR-HIGH RISK	MOD. RISK	GOOD-LOW RISK

*COURTESY OF U.S. ARMY-NATIONAL TRAINING CENTER



Palomar Mountain State Park State Park Road

SPECIFIC SITE RISK

STATE PARK- STATE PARK RD. RISK ASSESSMENT MATRIX		
SAFETY	STATIC	ATTACK
FF Safe 2	Fuels 1	Access 2
Civ Safe 1	Topog 2	Water 1
Air Safe 2	Clear 1	Comm 1
Hazmat 2	Const 1	Tac Air 2
	Density 2	

1	2	3
POOR-HIGH RISK	MOD. RISK	GOOD-LOW RISK

RISK COLOR CODE

S A F E T Y	FF SAFETY	FF Safe	NO SAFETY ZONES	MARGINAL SAFETY ZONES	ADEQUATE SAFETY ZONES
	CIVILIAN SAFETY	Civ Safe	MANDATORY EVACUATION	EVACUATE IF TIME PERMITS	SHELTER IN PLACE
	AIR SAFETY	Air Safe	AERIAL OBSTRUCTIONS & STEEP CANYONS	STEEP CANYONS OR AERIAL OBSTRUCTIONS	NO HAZARDS
	HAZMAT	Hazmat	BULK LPG, FUEL, CHEMICAL	HAZARDS IN BARNs & STORAGE SHEDS	NONE
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S T A T I C	FUELS	Fuels	HEAVY OR DEAD TREES / BRUSH	MODERATE	LIGHT
	TOPOGRAPHY	Topog	STEEP	MEDIUM SLOPE	FLAT
	CLEARANCE	Clear	30 FEET OR LESS	30 TO 70 FEET	MORE THAN 70 FEET
	CONSTRUCTION	Const	ABUNDANT COMBUSTABLE ROOFS / EXTERIOR	SOME COMBUSTABLE ROOFS / EXTERIOR	NON COMBUSTABLE ROOFS / EXTERIOR
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A T T A C K	STRUCTURAL SPACING	Density	DENSE & TIGHT STRUCTURAL SPACING	SUBDIVISION TRACTS	RURAL, DISPERSED
	ACCESS	Access	NARROW DIRT ROADS NO TURN AROUND AREAS	ONE LANE PAVED, TURN AROUNDS, ONE WAY IN & OUT	MIN. TWO LANES, PAVED, MULTIPLE WAYS IN & OUT
	WATER	Water	NO WATER SOURCE	PONDS, POOLS, LOW FLOW HYDRANTS	GOOD HYDRANTS
	COMMUNICATIONS	Comm	OVERALL POOR RADIO OR CELL COVERAGE	GENERAL RADIO COVERAGE WITH SOME WEAK SPOTS	GOOD RADIO & CELL COVERAGE
	TAC AIR SUPPORT	Tac Air	20 MIN+ RELOAD & RETURN TIME, NO LZ's	10 TO 15 MIN RELOADS & TURN AROUND TIME, NO LZ's	5 MIN OR LESS RELOAD & RETURN TIME, PLENTY LZ'S

*COURTESY OF U.S. ARMY-NATIONAL TRAINING CENTER



CNF Fry Creek Observatory Campground Canfield Road



SPECIFIC SITE RISK

FRY CR.- OBSERVATORY CAMP RISK ASSESSMENT MATRIX		
SAFETY	STATIC	ATTACK
FF Safe 2	Fuels 1	Access 2
Civ Safe 3	Topog 2	Water 1
Air Safe 1	Clear 1	Comm 2
Hazmat 2	Const 2	Tac Air 2
	Density 2	

1	2	3
POOR-HIGH RISK	MOD. RISK	GOOD-LOW RISK

RISK COLOR CODE

S A F E T Y	FF SAFETY	FF Safe	NO SAFETY ZONES	MARGINAL SAFETY ZONES	ADEQUATE SAFETY ZONES
	CIVILIAN SAFETY	Civ Safe	MANDATORY EVACUATION	EVACUATE IF TIME PERMITS	SHELTER IN PLACE
	AIR SAFETY	Air Safe	AERIAL OBSTRUCTIONS & STEEP CANYONS	STEEP CANYONS OR AERIAL OBSTRUCTIONS	NO HAZARDS
	HAZMAT	Hazmat	BULK LPG, FUEL, CHEMICAL	HAZARDS IN BARNs & STORAGE SHEDS	NONE
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S T A T I C	FUELS	Fuels	HEAVY OR DEAD TREES / BRUSH	MODERATE	LIGHT
	TOPOGRAPHY	Topog	STEEP	MEDIUM SLOPE	FLAT
	CLEARANCE	Clear	30 FEET OR LESS	30 TO 70 FEET	MORE THAN 70 FEET
	CONSTRUCTION	Const	ABUNDANT COMBUSTABLE ROOFS / EXTERIOR	SOME COMBUSTABLE ROOFS / EXTERIOR	NON COMBUSTABLE ROOFS / EXTERIOR
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A T T A C K	STRUCTURAL SPACING	Density	DENSE & TIGHT STRUCTURAL SPACING	SUBDIVISION TRACTS	RURAL, DISPERSED
	ACCESS	Access	NARROW DIRT ROADS NO TURN AROUND AREAS	ONE LANE PAVED, TURN AROUNDS, ONE WAY IN & OUT	MIN. TWO LANES, PAVED, MULTIPLE WAYS IN & OUT
	WATER	Water	NO WATER SOURCE	PONDS, POOLS, LOW FLOW HYDRANTS	GOOD HYDRANTS
	COMMUNICATIONS	Comm	OVERALL POOR RADIO OR CELL COVERAGE	GENERAL RADIO COVERAGE WITH SOME WEAK SPOTS	GOOD RADIO & CELL COVERAGE
	TAC AIR SUPPORT	Tac Air	20 MIN+ RELOAD & RETURN TIME, NO LZ's	10 TO 15 MIN RELOADS & TURN AROUND TIME, NO LZ's	5 MIN OR LESS RELOAD & RETURN TIME, PLENTY LZ'S

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Spanish Trails Girl Scout Camp



SPECIFIC SITE RISK

GIRL SCOUT CAMP RISK ASSESSMENT MATRIX		
SAFETY	STATIC	ATTACK
FF Safe 1	Fuels 2	Access 1
Civ Safe 1	Topog 2	Water 1
Air Safe 1	Clear 1	Comm 1
Hazmat 2	Const 3	Tac Air 2
	Density 1	

1	2	3
POOR-HIGH RISK	MOD. RISK	GOOD-LOW RISK

RISK COLOR CODE

S A F E T Y	FF SAFETY	FF Safe	NO SAFETY ZONES	MARGINAL SAFETY ZONES	ADEQUATE SAFETY ZONES
	CIVILIAN SAFETY	Civ Safe	MANDATORY EVACUATION	EVACUATE IF TIME PERMITS	SHELTER IN PLACE
	AIR SAFETY	Air Safe	AERIAL OBSTRUCTIONS & STEEP CANYONS	STEEP CANYONS OR AERIAL OBSTRUCTIONS	NO HAZARDS
	HAZMAT	Hazmat	BULK LPG, FUEL, CHEMICAL	HAZARDS IN BARNs & STORAGE SHEDS	NONE
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S T A T I C	FUELS	Fuels	HEAVY OR DEAD TREES / BRUSH	MODERATE	LIGHT
	TOPOGRAPHY	Topog	STEEP	MEDIUM SLOPE	FLAT
	CLEARANCE	Clear	30 FEET OR LESS	30 TO 70 FEET	MORE THAN 70 FEET
	CONSTRUCTION	Const	ABUNDANT COMBUSTABLE ROOFS / EXTERIOR	SOME COMBUSTABLE ROOFS / EXTERIOR	NON COMBUSTABLE ROOFS / EXTERIOR
	STRUCTURAL SPACING	Density	DENSE & TIGHT STRUCTURAL SPACING	SUBDIVISION TRACTS	RURAL, DISPERSED
A T T A C K	ACCESS	Access	NARROW DIRT ROADS NO TURN AROUND AREAS	ONE LANE PAVED, TURN AROUNDS, ONE WAY IN & OUT	MIN. TWO LANES, PAVED, MULTIPLE WAYS IN & OUT
	WATER	Water	NO WATER SOURCE	PONDS, POOLS, LOW FLOW HYDRANTS	GOOD HYDRANTS
	COMMUNICATIONS	Comm	OVERALL POOR RADIO OR CELL COVERAGE	GENERAL RADIO COVERAGE WITH SOME WEAK SPOTS	GOOD RADIO & CELL COVERAGE
	TAC AIR SUPPORT	Tac Air	20 MIN+ RELOAD & RETURN TIME, NO LZ's	10 TO 15 MIN RELOADS & TURN AROUND TIME, NO LZ's	5 MIN OR LESS RELOAD & RETURN TIME, PLENTY LZ'S

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Palomar Observatory Area



SPECIFIC SITE RISK

OBSERVATORY AREA RISK ASSESSMENT MATRIX		
SAFETY	STATIC	ATTACK
FF Safe 2	Fuels 2	Access 3
Civ Safe 3	Topog 3	Water 3
Air Safe 3	Clear 2	Comm 3
Hazmat 2	Const 3	Tac Air 2
	Density 3	

1	2	3
POOR-HIGH RISK	MOD. RISK	GOOD-LOW RISK

RISK COLOR CODE

S A F E T Y	FF SAFETY	FF Safe	NO SAFETY ZONES	MARGINAL SAFETY ZONES	ADEQUATE SAFETY ZONES	
	CIVILIAN SAFETY	Civ Safe	MANDATORY EVACUATION	EVACUATE IF TIME PERMITS	SHELTER IN PLACE	
	AIR SAFETY	Air Safe	AERIAL OBSTRUCTIONS & STEEP CANYONS	STEEP CANYONS OR AERIAL OBSTRUCTIONS	NO HAZARDS	
	HAZMAT	Hazmat	BULK LPG, FUEL, CHEMICAL	HAZARDS IN BARNs & STORAGE SHEDS	NONE	
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	S T A T I C	FUELS	Fuels	HEAVY OR DEAD TREES / BRUSH	MODERATE	LIGHT
		TOPOGRAPHY	Topog	STEEP	MEDIUM SLOPE	FLAT
		CLEARANCE	Clear	30 FEET OR LESS	30 TO 70 FEET	MORE THAN 70 FEET
		CONSTRUCTION	Const	ABUNDANT COMBUSTABLE ROOFS / EXTERIOR	SOME COMBUSTABLE ROOFS / EXTERIOR	NON COMBUSTABLE ROOFS / EXTERIOR
		STRUCTURAL SPACING	Density	DENSE & TIGHT STRUCTURAL SPACING	SUBDIVISION TRACTS	RURAL, DISPERSED
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A T T A C K	ACCESS	Access	NARROW DIRT ROADS NO TURN AROUND AREAS	ONE LANE PAVED, TURN AROUNDS, ONE WAY IN & OUT	MIN. TWO LANES, PAVED, MULTIPLE WAYS IN & OUT	
	WATER	Water	NO WATER SOURCE	PONDS, POOLS, LOW FLOW HYDRANTS	GOOD HYDRANTS	
	COMMUNICATIONS	Comm	OVERALL POOR RADIO OR CELL COVERAGE	GENERAL RADIO COVERAGE WITH SOME WEAK SPOTS	GOOD RADIO & CELL COVERAGE	
	TAC AIR SUPPORT	Tac Air	20 MIN+ RELOAD & RETURN TIME, NO LZ's	10 TO 15 MIN RELOADS & TURN AROUND TIME, NO LZ's	5 MIN OR LESS RELOAD & RETURN TIME, PLENTY LZ'S	

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Palomar Elementary School



SPECIFIC SITE RISK

PALOMAR ELEMENTARY SCHOOL RISK ASSESSMENT MATRIX		
SAFETY	STATIC	ATTACK
FF Safe 2	Fuels 2	Access 3
Civ Safe 1	Topog 2	Water 3
Air Safe 2	Clear 1	Comm 3
Hazmat 2	Const 1	Tac Air 2
	Density 3	

1	2	3
POOR-HIGH RISK	MOD. RISK	GOOD-LOW RISK

RISK COLOR CODE

S A F E T Y	FF SAFETY	FF Safe	NO SAFETY ZONES	MARGINAL SAFETY ZONES	ADEQUATE SAFETY ZONES
	CIVILIAN SAFETY	Civ Safe	MANDATORY EVACUATION	EVACUATE IF TIME PERMITS	SHELTER IN PLACE
	AIR SAFETY	Air Safe	AERIAL OBSTRUCTIONS & STEEP CANYONS	STEEP CANYONS OR AERIAL OBSTRUCTIONS	NO HAZARDS
	HAZMAT	Hazmat	BULK LPG, FUEL, CHEMICAL	HAZARDS IN BARNs & STORAGE SHEDS	NONE
--					
S T A T I C	FUELS	Fuels	HEAVY OR DEAD TREES / BRUSH	MODERATE	LIGHT
	TOPOGRAPHY	Topog	STEEP	MEDIUM SLOPE	FLAT
	CLEARANCE	Clear	30 FEET OR LESS	30 TO 70 FEET	MORE THAN 70 FEET
	CONSTRUCTION	Const	ABUNDANT COMBUSTABLE ROOFS / EXTERIOR	SOME COMBUSTABLE ROOFS / EXTERIOR	NON COMBUSTABLE ROOFS / EXTERIOR
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A T T A C K	STRUCTURAL SPACING	Density	DENSE & TIGHT STRUCTURAL SPACING	SUBDIVISION TRACTS	RURAL, DISPERSED
	ACCESS	Access	NARROW DIRT ROADS NO TURN AROUND AREAS	ONE LANE PAVED, TURN AROUNDS, ONE WAY IN & OUT	MIN. TWO LANES, PAVED, MULTIPLE WAYS IN & OUT
	WATER	Water	NO WATER SOURCE	PONDS, POOLS, LOW FLOW HYDRANTS	GOOD HYDRANTS
	COMMUNICATIONS	Comm	OVERALL POOR RADIO OR CELL COVERAGE	GENERAL RADIO COVERAGE WITH SOME WEAK SPOTS	GOOD RADIO & CELL COVERAGE
	TAC AIR SUPPORT	Tac Air	20 MIN+ RELOAD & RETURN TIME, NO LZ's	10 TO 15 MIN RELOADS & TURN AROUND TIME, NO LZ's	5 MIN OR LESS RELOAD & RETURN TIME, PLENTY LZ'S

*COURTESY OF U.S. ARMY-NATIONAL TRAINING CENTER



Palomar Christian Conference Center



SPECIFIC SITE RISK

PALOMAR CHRISTIAN CONF. CTR. RISK ASSESSMENT MATRIX		
SAFETY	STATIC	ATTACK
FF Safe 2	Fuels 1	Access 2
Civ Safe 2	Topog 1	Water 3
Air Safe 2	Clear 2	Comm 2
Hazmat 2	Const 2	Tac Air 2
	Density 2	

1	2	3
POOR-HIGH RISK	MOD. RISK	GOOD-LOW RISK

RISK COLOR CODE

S A F E T Y	FF SAFETY	FF Safe	NO SAFETY ZONES	MARGINAL SAFETY ZONES	ADEQUATE SAFETY ZONES	
	CIVILIAN SAFETY	Civ Safe	MANDATORY EVACUATION	EVACUATE IF TIME PERMITS	SHELTER IN PLACE	
	AIR SAFETY	Air Safe	AERIAL OBSTRUCTIONS & STEEP CANYONS	STEEP CANYONS OR AERIAL OBSTRUCTIONS	NO HAZARDS	
	HAZMAT	Hazmat	BULK LPG, FUEL, CHEMICAL	HAZARDS IN BARNs & STORAGE SHEDS	NONE	
	--					
	S T A T I C	FUELS	Fuels	HEAVY OR DEAD TREES / BRUSH	MODERATE	LIGHT
		TOPOGRAPHY	Topog	STEEP	MEDIUM SLOPE	FLAT
		CLEARANCE	Clear	30 FEET OR LESS	30 TO 70 FEET	MORE THAN 70 FEET
		CONSTRUCTION	Const	ABUNDANT COMBUSTABLE ROOFS / EXTERIOR	SOME COMBUSTABLE ROOFS / EXTERIOR	NON COMBUSTABLE ROOFS / EXTERIOR
		STRUCTURAL SPACING	Density	DENSE & TIGHT STRUCTURAL SPACING	SUBDIVISION TRACTS	RURAL, DISPERSED
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A T T A C K		ACCESS	Access	NARROW DIRT ROADS NO TURN AROUND AREAS	ONE LANE PAVED, TURN AROUNDs, ONE WAY IN & OUT	MIN. TWO LANES, PAVED, MULTIPLE WAYS IN & OUT
		WATER	Water	NO WATER SOURCE	PONDS, POOLS, LOW FLOW HYDRANTS	GOOD HYDRANTS
		COMMUNICATIONS	Comm	OVERALL POOR RADIO OR CELL COVERAGE	GENERAL RADIO COVERAGE WITH SOME WEAK SPOTS	GOOD RADIO & CELL COVERAGE
		TAC AIR SUPPORT	Tac Air	20 MIN+ RELOAD & RETURN TIME, NO LZ's	10 TO 15 MIN RELOADS & TURN AROUND TIME, NO LZ's	5 MIN OR LESS RELOAD & RETURN TIME, PLENTY LZ'S

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Palomar Outdoor School



SPECIFIC SITE RISK

PALOMAR OUTDOOR SCHOOL RISK ASSESSMENT MATRIX		
SAFETY	STATIC	ATTACK
FF Safe 2	Fuels 2	Access 3
Civ Safe 2	Topog 2	Water 3
Air Safe 2	Clear 2	Comm 1
Hazmat 2	Const 2	Tac Air 2
	Density 3	

1	2	3
POOR-HIGH RISK	MOD. RISK	GOOD-LOW RISK

RISK COLOR CODE

S A F E T Y	FF SAFETY	FF Safe	NO SAFETY ZONES	MARGINAL SAFETY ZONES	ADEQUATE SAFETY ZONES
	CIVILIAN SAFETY	Civ Safe	MANDATORY EVACUATION	EVACUATE IF TIME PERMITS	SHELTER IN PLACE
	AIR SAFETY	Air Safe	AERIAL OBSTRUCTIONS & STEEP CANYONS	STEEP CANYONS OR AERIAL OBSTRUCTIONS	NO HAZARDS
	HAZMAT	Hazmat	BULK LPG, FUEL, CHEMICAL	HAZARDS IN BARNs & STORAGE SHEDS	NONE
--					
S T A T I C	FUELS	Fuels	HEAVY OR DEAD TREES / BRUSH	MODERATE	LIGHT
	TOPOGRAPHY	Topog	STEEP	MEDIUM SLOPE	FLAT
	CLEARANCE	Clear	30 FEET OR LESS	30 TO 70 FEET	MORE THAN 70 FEET
	CONSTRUCTION	Const	ABUNDANT COMBUSTABLE ROOFS / EXTERIOR	SOME COMBUSTABLE ROOFS / EXTERIOR	NON COMBUSTABLE ROOFS / EXTERIOR
--					
A T T A C K	STRUCTURAL SPACING	Density	DENSE & TIGHT STRUCTURAL SPACING	SUBDIVISION TRACTS	RURAL, DISPERSED
	ACCESS	Access	NARROW DIRT ROADS NO TURN AROUND AREAS	ONE LANE PAVED, TURN AROUNDS, ONE WAY IN & OUT	MIN. TWO LANES, PAVED, MULTIPLE WAYS IN & OUT
	WATER	Water	NO WATER SOURCE	PONDS, POOLS, LOW FLOW HYDRANTS	GOOD HYDRANTS
	COMMUNICATIONS	Comm	OVERALL POOR RADIO OR CELL COVERAGE	GENERAL RADIO COVERAGE WITH SOME WEAK SPOTS	GOOD RADIO & CELL COVERAGE
	TAC AIR SUPPORT	Tac Air	20 MIN+ RELOAD & RETURN TIME, NO LZ's	10 TO 15 MIN RELOADS & TURN AROUND TIME, NO LZ's	5 MIN OR LESS RELOAD & RETURN TIME, PLENTY LZ'S

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South Grade- Oak Knoll Campground



SPECIFIC SITE RISK

SOUTH GRADE- OAK KNOLL CAMP RISK ASSESSMENT MATRIX		
SAFETY	STATIC	ATTACK
FF Safe 2	Fuels 1	Access 2
Civ Safe 1	Topog 2	Water 1
Air Safe 1	Clear 1	Comm 1
Hazmat 2	Const 1	Tac Air 1
	Density 2	

1	2	3
POOR- HIGH RISK	MOD. RISK	GOOD- LOW RISK

RISK COLOR CODE

S A F E T Y	FF SAFETY	FF Safe	NO SAFETY ZONES	MARGINAL SAFETY ZONES	ADEQUATE SAFETY ZONES
	CIVILIAN SAFETY	Civ Safe	MANDATORY EVACUATION	EVACUATE IF TIME PERMITS	SHELTER IN PLACE
	AIR SAFETY	Air Safe	AERIAL OBSTRUCTIONS & STEEP CANYONS	STEEP CANYONS OR AERIAL OBSTRUCTIONS	NO HAZARDS
	HAZMAT	Hazmat	BULK LPG, FUEL, CHEMICAL	HAZARDS IN BARNs & STORAGE SHEDS	NONE
	---	FUELS	Fuels	HEAVY OR DEAD TREES / BRUSH	MODERATE
S T A T I C	TOPOGRAPHY	Topog	STEEP	MEDIUM SLOPE	FLAT
	CLEARANCE	Clear	30 FEET OR LESS	30 TO 70 FEET	MORE THAN 70 FEET
	CONSTRUCTION	Const	ABUNDANT COMBUSTABLE ROOFS / EXTERIOR	SOME COMBUSTABLE ROOFS / EXTERIOR	NON COMBUSTABLE ROOFS / EXTERIOR
	STRUCTURAL SPACING	Density	DENSE & TIGHT STRUCTURAL SPACING	SUBDIVISION TRACTS	RURAL, DISPERSED
	---	ACCESS	Access	NARROW DIRT ROADS NO TURN AROUND AREAS	ONE LANE PAVED, TURN AROUNDS, ONE WAY IN & OUT
A T T A C K	WATER	Water	NO WATER SOURCE	PONDS, POOLS, LOW FLOW HYDRANTS	GOOD HYDRANTS
	COMMUNICATIONS	Comm	OVERALL POOR RADIO OR CELL COVERAGE	GENERAL RADIO COVERAGE WITH SOME WEAK SPOTS	GOOD RADIO & CELL COVERAGE
	TAC AIR SUPPORT	Tac Air	20 MIN+ RELOAD & RETURN TIME, NO LZ's	10 TO 15 MIN RELOADS & TURN AROUND TIME, NO LZ's	5 MIN OR LESS RELOAD & RETURN TIME, PLENTY LZ'S

*COURTESY OF U.S. ARMY-NATIONAL TRAINING CENTER



East Grade Road



SPECIFIC SITE RISK

EAST GRADE ROAD RISK ASSESSMENT MATRIX		
SAFETY	STATIC	ATTACK
FF Safe 2	Fuels 1	Access 2
Civ Safe 1	Topog 2	Water 1
Air Safe 2	Clear 1	Comm 3
Hazmat 2	Const 1	Tac Air 2
	Density 2	

1	2	3
POOR-HIGH RISK	MOD. RISK	GOOD-LOW RISK

RISK COLOR CODE

S A F E T Y	FF SAFETY	FF Safe	NO SAFETY ZONES	MARGINAL SAFETY ZONES	ADEQUATE SAFETY ZONES
	CIVILIAN SAFETY	Civ Safe	MANDATORY EVACUATION	EVACUATE IF TIME PERMITS	SHELTER IN PLACE
	AIR SAFETY	Air Safe	AERIAL OBSTRUCTIONS & STEEP CANYONS	STEEP CANYONS OR AERIAL OBSTRUCTIONS	NO HAZARDS
	HAZMAT	Hazmat	BULK LPG, FUEL, CHEMICAL	HAZARDS IN BARNs & STORAGE SHEDS	NONE
	---	FUELS	Fuels	HEAVY OR DEAD TREES / BRUSH	MODERATE
S T A T I C	TOPOGRAPHY	Topog	STEEP	MEDIUM SLOPE	FLAT
	CLEARANCE	Clear	30 FEET OR LESS	30 TO 70 FEET	MORE THAN 70 FEET
	CONSTRUCTION	Const	ABUNDANT COMBUSTABLE ROOFS / EXTERIOR	SOME COMBUSTABLE ROOFS / EXTERIOR	NON COMBUSTABLE ROOFS / EXTERIOR
	STRUCTURAL SPACING	Density	DENSE & TIGHT STRUCTURAL SPACING	SUBDIVISION TRACTS	RURAL, DISPERSED
	---	ACCESS	Access	NARROW DIRT ROADS NO TURN AROUND AREAS	ONE LANE PAVED, TURN AROUNDS, ONE WAY IN & OUT
A T T A C K	WATER	Water	NO WATER SOURCE	PONDS, POOLS, LOW FLOW HYDRANTS	GOOD HYDRANTS
	COMMUNICATIONS	Comm	OVERALL POOR RADIO OR CELL COVERAGE	GENERAL RADIO COVERAGE WITH SOME WEAK SPOTS	GOOD RADIO & CELL COVERAGE
	TAC AIR SUPPORT	Tac Air	20 MIN+ RELOAD & RETURN TIME, NO LZ's	10 TO 15 MIN RELOADS & TURN AROUND TIME, NO LZ's	5 MIN OR LESS RELOAD & RETURN TIME, PLENTY LZ'S

*COURTESY OF U.S. ARMY-NATIONAL TRAINING CENTER



Nate Harrison Road



SPECIFIC SITE RISK

NATE HARRISON RD. RISK ASSESSMENT MATRIX		
SAFETY	STATIC	ATTACK
FF Safe 1	Fuels 1	Access 1
Civ Safe 1	Topog 1	Water 1
Air Safe 1	Clear 1	Comm 2
Hazmat 2	Const 1	Tac Air 1
	Density 1	

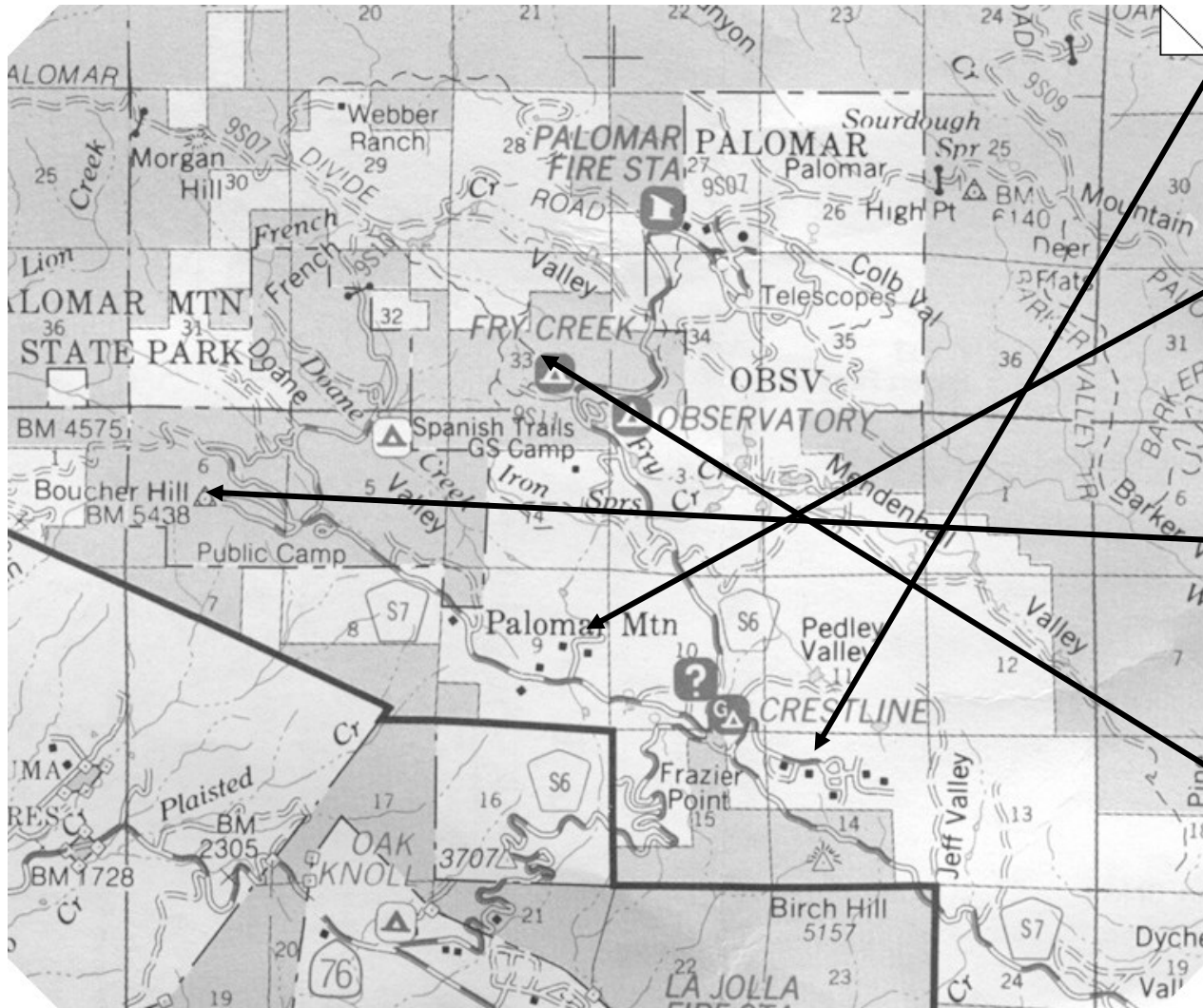
1	2	3
POOR-HIGH RISK	MOD. RISK	GOOD-LOW RISK

RISK COLOR CODE

S A F E T Y	FF SAFETY	FF Safe	NO SAFETY ZONES	MARGINAL SAFETY ZONES	ADEQUATE SAFETY ZONES
	CIVILIAN SAFETY	Civ Safe	MANDATORY EVACUATION	EVACUATE IF TIME PERMITS	SHELTER IN PLACE
	AIR SAFETY	Air Safe	AERIAL OBSTRUCTIONS & STEEP CANYONS	STEEP CANYONS OR AERIAL OBSTRUCTIONS	NO HAZARDS
	HAZMAT	Hazmat	BULK LPG, FUEL, CHEMICAL	HAZARDS IN BARNs & STORAGE SHEDS	NONE
	--				
S T A T I C	FUELS	Fuels	HEAVY OR DEAD TREES / BRUSH	MODERATE	LIGHT
	TOPOGRAPHY	Topog	STEEP	MEDIUM SLOPE	FLAT
	CLEARANCE	Clear	30 FEET OR LESS	30 TO 70 FEET	MORE THAN 70 FEET
	CONSTRUCTION	Const	ABUNDANT COMBUSTABLE ROOFS / EXTERIOR	SOME COMBUSTABLE ROOFS / EXTERIOR	NON COMBUSTABLE ROOFS / EXTERIOR
	STRUCTURAL SPACING	Density	DENSE & TIGHT STRUCTURAL SPACING	SUBDIVISION TRACTS	RURAL, DISPERSED
A T T A C K	ACCESS	Access	NARROW DIRT ROADS NO TURN AROUND AREAS	ONE LANE PAVED, TURN AROUNDS, ONE WAY IN & OUT	MIN. TWO LANES, PAVED, MULTIPLE WAYS IN & OUT
	WATER	Water	NO WATER SOURCE	PONDS, POOLS, LOW FLOW HYDRANTS	GOOD HYDRANTS
	COMMUNICATIONS	Comm	OVERALL POOR RADIO OR CELL COVERAGE	GENERAL RADIO COVERAGE WITH SOME WEAK SPOTS	GOOD RADIO & CELL COVERAGE
	TAC AIR SUPPORT	Tac Air	20 MIN+ RELOAD & RETURN TIME, NO LZ's	10 TO 15 MIN RELOADS & TURN AROUND TIME, NO LZ's	5 MIN OR LESS RELOAD & RETURN TIME, PLENTY LZ'S

*COURTESY OF U.S. ARMY-NATIONAL TRAINING CENTER

PALOMAR MOUNTAIN I-ZONE (E-H)



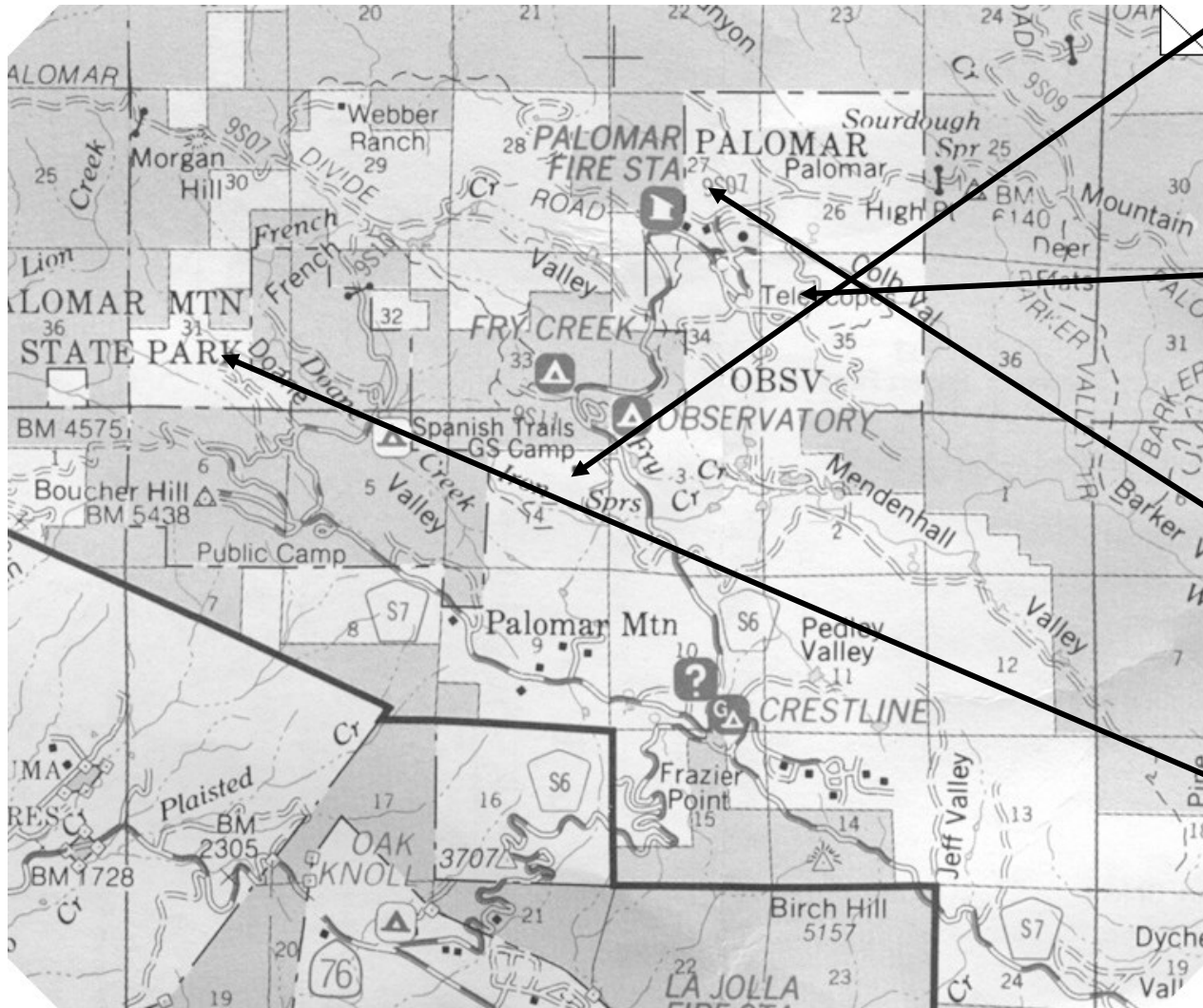
CRESTLINE		
FF Safe 1	Fuels 1	Access 1
Civ Safe 1	Topog 2	Water 2
Air Safe 2	Clear 1	Comm 1
Hazmat 2	Const 1	Tac Air 2
	Density 1	

BAILEY MDW- GREENWOOD DR.		
FF Safe 2	Fuels 1	Access 2
Civ Safe 1	Topog 2	Water 2
Air Safe 2	Clear 1	Comm 1
Hazmat 2	Const 1	Tac Air 2
	Density 2	

STATE PARKS		
FF Safe 2	Fuels 1	Access 2
Civ Safe 1	Topog 2	Water 1
Air Safe 2	Clear 1	Comm 1
Hazmat 2	Const 1	Tac Air 2
	Density 2	

FRY CR.- OBSERVATORY CAMP		
FF Safe 2	Fuels 1	Access 2
Civ Safe 3	Topog 2	Water 1
Air Safe 1	Clear 1	Comm 2
Hazmat 2	Const 2	Tac Air 2
	Density 2	

PALOMAR MOUNTAIN I-ZONE (I-L)



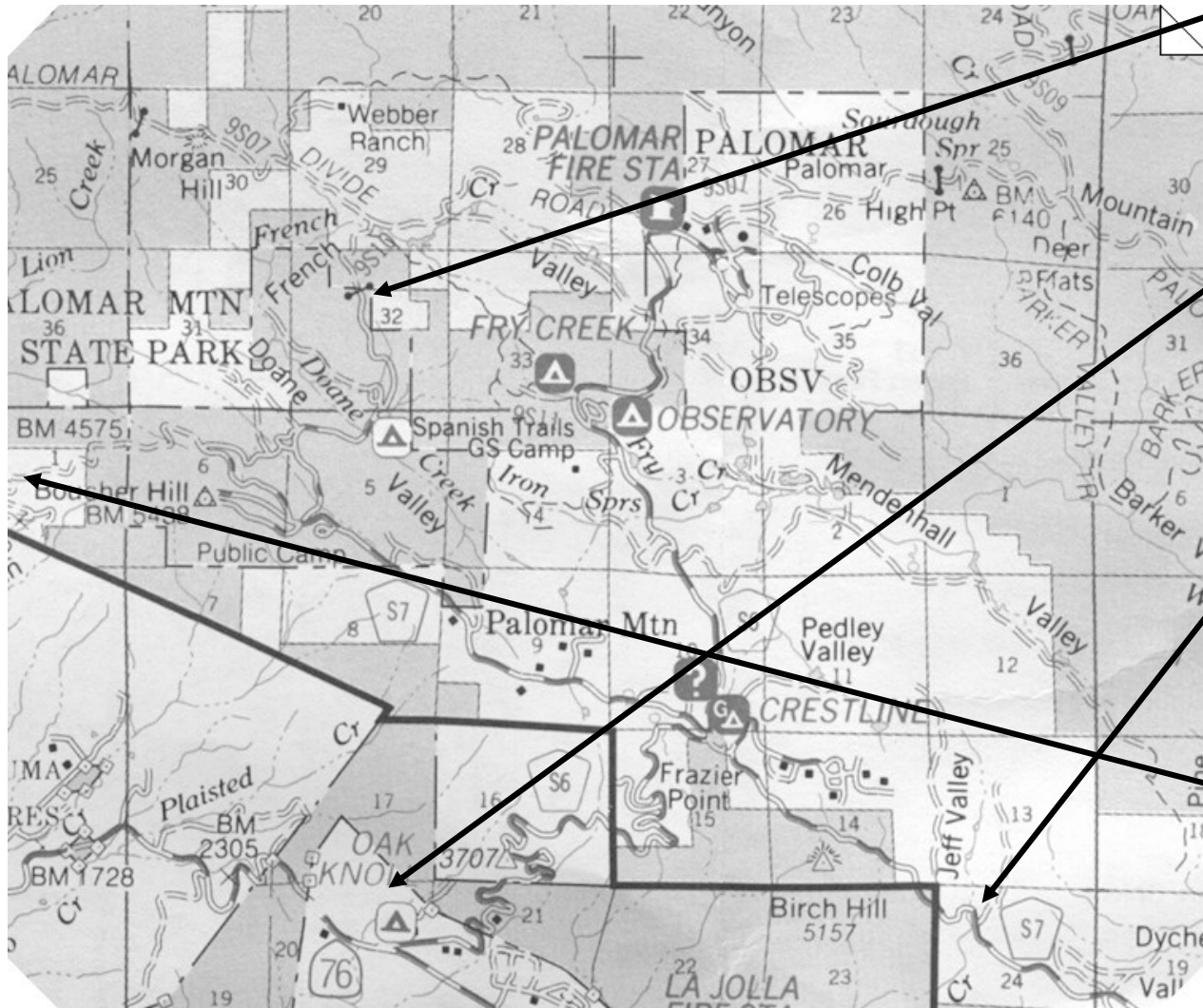
GIRL SCOUT CAMP		
FF Safe 1	Fuels 2	Access 1
Civ Safe 1	Topog 2	Water 1
Air Safe 1	Clear 1	Comm 1
Hazmat 2	Const 3	Tac Air 2
	Density 1	

OBSERVATORY AREA		
FF Safe 2	Fuels 2	Access 3
Civ Safe 3	Topog 3	Water 3
Air Safe 3	Clear 2	Comm 3
Hazmat 2	Const 3	Tac Air 2
	Density 3	

PALOMAR ELEMENTARY SCHOOL		
FF Safe 2	Fuels 2	Access 3
Civ Safe 1	Topog 2	Water 3
Air Safe 2	Clear 1	Comm 3
Hazmat 2	Const 1	Tac Air 2
	Density 3	

PALOMAR CHRISTIAN CONF. CTR.		
FF Safe 2	Fuels 1	Access 2
Civ Safe 2	Topog 1	Water 3
Air Safe 2	Clear 2	Comm 2
Hazmat 2	Const 2	Tac Air 2
	Density 2	

PALOMAR MOUNTAIN I-ZONE (M-P)



PALOMAR OUTDOOR SCHOOL		
FF Safe 2	Fuels 2	Access 3
Civ Safe 2	Topog 2	Water 3
Air Safe 2	Clear 2	Comm 1
Hazmat 2	Const 2	Tac Air 2
	Density 3	

S. GRADE- OAK KNOLL CAMPGRND		
FF Safe 2	Fuels 1	Access 2
Civ Safe 1	Topog 2	Water 1
Air Safe 1	Clear 1	Comm 1
Hazmat 2	Const 1	Tac Air 1
	Density 2	

EAST GRADE ROAD		
FF Safe 2	Fuels 1	Access 2
Civ Safe 1	Topog 2	Water 1
Air Safe 2	Clear 1	Comm 3
Hazmat 2	Const 1	Tac Air 2
	Density 2	

NATE HARRISON RD.		
FF Safe 1	Fuels 1	Access 1
Civ Safe 1	Topog 1	Water 1
Air Safe 1	Clear 1	Comm 2
Hazmat 2	Const 1	Tac Air 1
	Density 1	