

SOUTHEAST ALASKA AVALANCHE CENTER LEVEL 1 FIELD CHECKLIST B

STABILITY EVALUATION - ROADMAP CONT'D.

4. PLUG FACTORS INTO STABILITY WHEEL

- **STRENGTH - STRESS (+, 0, -)**
 - BLOCK TESTS (STRENGTH & STRESS)
 - OBSERVATIONS
 - * WEAKEST LAYER?
 - * HOW WEAK?
 - * DEPTH & DISTRIBUTION?
 - LOADING RATE & AMOUNT (STRESS)
- **ENERGY (+, 0, -)**
 - Q SCORES
 - SHOOTING CRACKS
- **STRUCTURE (+, 0, -)**
 - SLAB TESTS
 - LEMONS
 - * SLAB
 - * WEAK LAYER
 - * BED

5. SUMMARY & NOTES

- OBSERVATIONS, 7 SIGNS, WHEEL TALLY.
- GRAPHIC PROFILE.
- ASPECT - ELEVATION DIAGRAM.
- TRAFFIC LIGHT, FOR TRIANGLE FACTORS.

BASIC DECISIONMAKING - ALP TRUTH

AVALANCHES
LOADING
PATH
TERRAIN TRAP
RATING
UNSTABLE SNOW
THAW

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RISK MANAGEMENT

- TIMING, COMPANION CHOICE.
- BEACON, PROBE, SHOVEL, HELMET, AID KIT.
- SLOPE ANGLES & RUNOUTS, RIDGES & CORNICES.
- CONSEQUENCES, TERRAIN TRAPS.
- ISLANDS OF "SAFETY", SUBTLE CLUES.
- CLIMBING VERSUS DESCENDING.
- MODE OF TRAVEL, SPEED.
- ESCAPE ROUTES, ALTERNATIVES, SLUFFS.
- ONE AT A TIME, NOT ABOVE OR UNDER OTHERS.
- COMMUNICATION, TEAMWORK ARE KEY!

RESCUE

1. **"SCENE SAFETY", CALL FOR HELP IF**
 - NO DELAY.
 - SCENE "UNSAFE".
2. **LEADER & PLAN**
3. **INITIAL SEARCH**
 - VISUALS - CALL OUT.
 - CLUES- CALL OUT, DON'T MOVE.
 - SPOT PROBE LIKELY AREAS.
 - BEACONS - AT SAME TIME.
4. **BEACON SEARCH**
 - SIGNAL - ONE FISHING BOAT WORKING RANGE
 - COARSE -FLUX LINES TO LAST FEW METERS
 - FINE - FINE FLUX LINE THEN BRACKET.
 - PINPOINT WITH PROBE, SPIRAL OUT.
5. **DIG JUST DOWNHILL, LENGTH 1.5 x DEPTH**
6. **PROBING - 3 HOLE, BACKCOUNTRY/SMALL AREA**
 - FINGERTIP TO FINGERTIP/ WRIST TO WRIST
 - HEELS 15 CM AHEAD OF HOLES/ EVEN WITH.
 - 50cm (20"), 75cm (30") x 70cm (28")/50cm (20") ALL
7. **VEHICLE - FINGERTIPS, 3 STRIDES, ONE HOLE.**

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