

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

RISK MANAGEMENT WORKSHEET

1. Organization and Location: Alaska Fire Service Fort Wainwright AK 99703 2. Page 1 of 3

3. Operation / Task: Fort Wainwright Tower Climbing Procedures 4. Beginning Date: 1 Oct 2014 5. Ending Date: 30 Sep 2015 6. Date Prepared: 23 Oct 2014

7. Prepared by (Name / Duty Position): Kent Gale Communications Section Chief

| 8. Identified Hazards | 9. Assess the Hazards: Initial Risk | | | | 10. Control Measures Developed for Identified Hazards: (Specific measures taken to reduce the probability of a hazard) Include all PPE | 11. Assess the Hazards: Residual Risk | | | | 12. How to Implement the Controls: (May Be Filled in By Hand) | 13. Supervisors and Evaluation by: (Continuous Leader Checks, Buddy System, etc.) | |
|--|-------------------------------------|---|---|---|---|---------------------------------------|---|---|---|---|--|--|
| | N | M | M | S | | C | N | M | M | | | S |
| Improper/failure to use appropriate safety equipment | | | | X | (Be Specific) - Climber must be qualified and current in tower climbing - All personnel will inspect their gear to ensure no defects are present prior to use - Each employee will perform a buddy check of equipment to ensure proper wear. - Inspect all lanyards and rescue equipment for proper operation prior to use. | | | | | X | (Be Specific) Each employee will attend formal training Adhere to BLM Manual Handbook 1292-1 | (Be Specific) Super visor will verify currency of training Tower Program Manager will inspect all equipment annually for defects. Tower Program Manager will perform spot inspections for compliance to policies. |

14. Remaining Risk Level After Control Measures Are Implemented: **NEGLECTIBLE** (Supervisor) **MINOR** (Associate/Assistant Mgr. / Branch Chief) **MODERATE** (Field Manager) **SERIOUS** (District Manager) **CRITICAL** (State Director/Associate)

(CIRCLE HIGHEST REMAINING RISK LEVEL)

15. RISK DECISION AUTHORITY: (Approval/Authority Signature Block) (If Initial Risk Level is CRITICAL, SERIOUS or MODERATE: Brief Risk Decision Authority at that level on Controls and Control Measures used to reduce risks) (Note: if the person preparing the form signs this block, the signature indicates only that the appropriate risk decision authority was notified of the initial risk level, control measures taken and appropriate resources requested; and that the risk was accepted by the decision authority.)

Kent Gale
Printed Name / Signature

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|---|-------------------------------------|---|---|---|---|---|---------------------------------------|---|---|---|---|---|--|
| (Be Specific) | N | M | M | S | C | (Be Specific) | N | M | M | S | C | (Be Specific) | (Be Specific) |
| Unsafe Tower structure | | | | | X | <ul style="list-style-type: none"> - Inspect tower support, guy wires, steps, and legs visually from ground for defects or damage prior to climbing - Each tower will be inspected ever 5 years and will be certified "Safe-To-Climb" | | X | | | | <ul style="list-style-type: none"> - Adhere to policies and procedures included in BLM Manual Handbook 1292-1 | <ul style="list-style-type: none"> - All parties will visually inspect tower - Tower Program Manager will certify tower "Safe-to-Climb" |
| Falls while tower climbing and performing aerial work | | | | | X | <ul style="list-style-type: none"> - Only certified climbers will be involved in climbing/aerial activities - Use only OSHA approved fall protection equipment - Maintain verbal communications with ground personnel at all times. Use radios as needed - Maintain 100% fall protection at all times | | X | | | | <ul style="list-style-type: none"> - Each employee will be certified by attending formal training every 3 years. - Each employee must have a current tower climbing physical to be involved to in tower climbing operations. - Agency will provide appropriate equipment - Perform radio check prior to climbing tower - Use 3 foot lanyards if working below 30 feet - Fall clearance calculations must be completed prior to work to ensure safety zone of 2 feet is met without striking fence - Adhere to policies and procedures included in BLM Manual Handbook 1292-1 - Ground personnel will visually monitor climber | <ul style="list-style-type: none"> - Supervisor will verify currency prior to assigning activity - Supervisor will verify all equipment as meeting OSHA standards - Buddy system will be used - Supervisor will ensure all parties are briefed on the tower climbing policy - Buddy system will be used |
| Fenced compound around tower base | | | | | X | <ul style="list-style-type: none"> - No work on the structural members of the tower will be permitted below 25 feet without specialized fall protection | | X | | | | <ul style="list-style-type: none"> - Provide written calculations of fall clearances to Supervisor or project lead prior to climbing on face of tower | |

