

U.S. Department of Agriculture Forest Service	1. WORK PROJECT/AC: TRAILBIKE USE	2. LOCATION Boise National Forest	3. UNIT Lowman
JOB HAZARD ANALYSIS (JHA) References-FSH 6709.11 & 12 (Instructions on Reverse)	4. NAME OF ANALYST Rhett Burkman	5. JOB TITLE Recreation Specialist	6. DATE PREPARED 2/25/2015
7. TASKS/PROCEDURES PRE-OPERATION INSPECTION LOADING / UNLOADING / HAULING: Refer to: FS HEALTH & SAFETY CODE 6709.11.10.24 FS DRIVER-OPERATOR GUIDE: CHPT. 6 BNF ATV Written Program	8. HAZARDS Mechanical failure affecting controls & operation Trailbike falling on operator or off vehicle/trailer causing potential serious injury or damage to property, employee, and public	9. ABATEMENT ACTIONS Engineering Controls * Substitution * Administrative Control * PPE 1. Conduct pre-trip inspection prior to use 2. Conduct/prepare Trailbike inspection checklist monthly 3. Perform maintenance check and service by qualified mechanic annually.	
GENERAL OPERATION OF TRAILBIKES <ul style="list-style-type: none"> ▪ Fueling Trailbikes ▪ Starting Trailbike 	Spills, fire. Runaways, starting, and underway.	1. Trailbike shall be loaded with approved ramps into back of vehicle, or loaded onto a tilt bed trailer, drive Trailbike on ramp and use PPE, do not lift. 2. Secure Trailbike to vehicle or trailer by: a. Putting bike in gear & set parking brake b. Use individual (two) approved anchor or ratchet tie-downs on both sides of Trailbike. c. Connect tie-down straps to approved anchor attachments on vehicles or trailers. d. Periodically check tie-down straps to ensure that they are secure and in good condition. e. Do not use frayed/worn straps 4. Use care when loading and unloading to avoid damage to vehicle, Trailbike, trailer, and operator. 5. Use a hauling vehicle of adequately rated capacity and capability. 6. Tailgates must be closed when hauling Trailbike in back of pickup. 7. Only certified operators with FS trailer endorsement can tow trailers. 8. Trailers over 15,000 lbs. GVW shall be equipped with brakes. 9. If two Trailbikes, load simultaneously onto tilt bed trailer. 10. Secure pin in tilt bed trailer before leaving front of trailer. All employees must be trained and certified to operate an based on the ASI (Trailbike Safety Institute) guidelines and standards.	
		1. Allow motor and exhaust to cool completely before fueling and use funnel, gas can spout or nozzle. 2. Place nozzle against tank to ground nozzle when fueling. 3. Have fire extinguisher near fueling operations. 4. No smoking within 25 feet of fuel area.	
		1. Make sure Trailbike throttle is not stuck open and machine is on as level of ground as possible. 2. Use smooth throttle control to avoid stalls and flipping.	

<ul style="list-style-type: none"> ▪ Fatigue 	<p>Loss of control, hitting objects, disorientation.</p>	<ol style="list-style-type: none"> 1. Take frequent stretch breaks. 2. Drink adequate fluids, eat something. 3. Return another day to complete the job.
<ul style="list-style-type: none"> ▪ Water crossings / wet muddy roads 	<p>Slipping off road, becoming submerged in deep water.</p>	<ol style="list-style-type: none"> 1. Maintain safe speed based on road conditions, and allow for increased stopping distances. Avoid riding on wet, muddy trails. 2. Only cross water if no other alternative, and use extreme caution. 3. Stay off frozen streams and lakes.
<ul style="list-style-type: none"> ▪ Towing Trailbike 	<p>Damage to machine, injury to operator.</p>	<ol style="list-style-type: none"> 1. Trailbike must be in neutral to prevent burning up transmission. 2. Drive at slower speeds. 3. Wear all PPE. 4. Tow broken down machine forwards only.
<ul style="list-style-type: none"> ▪ Responding to emergencies <p>Refer to project specific JHA/emergency action plan.</p>	<p>Medical problem, injury, fire, break down</p>	<ol style="list-style-type: none"> 1. Ensure operator is physically fit to operate Trailbike. 2. Carry a individual first-aid kit. 3. Perform pre-trip stretching. 4. Do not ride with back problems/pain, or if experiencing numbness in hands, wrist, and arms. 5. Maintain current first-aid training. 6. Plan/conduct radio check-ins, detailed itinerary, and effective accountability of individual rider based on: field conditions including trip distance, remoteness, exposure to hazards, workplace security concerns, and number of Trailbikes and employees in the vicinity of the project/travel area. 7. Supervisors will assign employees to work in pairs while trail-riding, using two Trailbikes, based on a project specific analysis of the job hazards, and risks. 8. Employees may ride double only in case of an EMERGENCY. 9. Operators should be trained in the use of fire extinguisher. 10. Immediately notify supervisor of injury or damage to Trailbike.
<p>10. LINE OFFICER SIGNATURE /s/</p>		<p>11. TITLE John Kidd, District Ranger</p>
		<p>12. DATE</p>

