

Jayhawk Model Masters Hustler FasTrak™ SD Operation

Preflight

1. Turn the air compressor on.
2. Record starting time on driver's log from hour meter.
3. Check tire pressure; fill if necessary to 12 lb.
4. Check engine oil level:
 - a. Remove dipstick, wipe clean.
 - b. Reinsert but do not screw in.
 - c. Withdraw and check level. Should be near the full line.
 - d. Add oil when reaches $\frac{1}{2}$ way between full and fill line (about $\frac{1}{4}$ qt.).
 - e. Make a note on the driver's log when you add oil.
5. Turn fuel valve to either left or right tank.
6. Remove key from safe under seat.
7. Position seat, buckle seat belt (optional).
8. Put on hearing protection (optional).
9. Check that deck is at highest position, called the transport position.
10. Make sure control levers are in outward (non-operational) position.
11. Pull choke up.
12. Insert Key, turn on ignition, oil pressure light will come on.
13. Turn key to start engine.
14. Push choke down after a few seconds.
15. Check that oil pressure light turns off and stays off.

Mowing

1. Throttle up to $\frac{1}{4}$ to $\frac{1}{2}$ throttle.
2. Move control levers inward to operational position.
3. Drive out of shed and stop.
4. Throttle up to full throttle.
5. Drive to starting point.
6. Reduce to $\frac{1}{2}$ throttle.
7. Set deck at proper height:
 - a. Move pin to the appropriate hole.
 - i. Runways mowed at first hole with plate facing away from transport lever. This is 1" tall.
 - ii. Pits and remainder of field mowed at second hole with plate facing transport lever, 1-3/4"
 - iii. Runway border strips are mowed at highest possible level, 4".
 - iv. These heights should be adjusted upward during extended hot or dry periods.
 - b. Push deck lift pedal down to raise deck.
 - c. Pull back on transport lever and lower deck to pin.
8. Pull blade clutch switch up to actuate mower blades.
9. Throttle up to full throttle.
10. Push forward on steering control levers to mow. **Mow at full throttle for best mowing.**
11. For minimal particle size, mow the perimeter, then a strip down the middle, then mow from the center counter-clockwise, blowing discharge into unmown grass.

- 12. Avoid muddy ground, turn off blades when crossing the gravel drive, stop and pick up trash before you mow it.**
- 13. When mowing along the edge of the gravel drive or parking lot, decrease to ¼-1/2 throttle to avoid picking up gravel. Gravel dulls the blades quickly.**
- 14. Drive carefully on sloped ground near main gate and on borders of main road.**
15. Monitor tank, you will probably need to switch to the second tank after about 2.5 hours.
16. Total field normally takes 3.0 hours to mow.
17. Mower engine will stop if you stand up while the control levers are inward (operational).
18. To stop mowing, throttle down to ½ throttle, push down on blade clutch switch to stop blades, throttle down to idle.

Clean-up and Shut Down

1. Turn off blades.
2. Lift deck to transport height.
3. Throttle up to full.
4. Drive north of the shed.
5. Throttle down to idle.
6. Turn off engine.
7. Sweep with a broom, or use air nozzle to blow off mower.
8. Refill fuel tank(s).
9. Start mower, up to 1/2 throttle, and drive onto outer pad.
10. Rotate 180⁰
11. Back into shed.
12. Throttle to idle.
13. Turn off ignition, return key to safe under seat.
14. Turn fuel lever to off position, in the center between left and right tanks.
15. Record ending hours from hour meter, plus date, name, and notes on driver's log.
16. Turn off the compressor.
17. Close and lock the shed door.