

F-440 FAN CLASS RULES

STOCK SLED GENERAL REQUIREMENTS

1. All sleds must comply with the GENERAL SECTION SLED/EQUIPMENT REQUIREMENTS & REGULATIONS.
2. The sled must have original OEM engine, frame, cowl, suspension, and variable speed converters supplied by the manufacture for that model.
3. Sleds competing in this class must be 1996 or older 440 CC maximum engine volume. (Fan Cooled only)
4. **Only hydraulic welded body, non-revalvabe, non-repairable shocks will be used in the front suspension and chassis. If a legal chassis and engine stock production sled originally came with a gas charged, re-valvabe shock, the shocks must be replaced with a hydraulic, welded body shock. Shock may not be altered in any way. This is a method of cost control for this class.

ENGINE

1. No component of the engine may be altered, changed, or enlarged from the engine manufacturer's original Stock specifications, nor may any additional components be added to the engine.
2. Blueprinting will not be allowed. No removal of material whatsoever will be allowed. This is to include polishing, port matching, deburring, glass or sand blasting surfaces or material removal for the purposes of engine balancing or other reasons.
3. Must retain stock bore and stroke.
4. **OEM or OEM style replacement pistons are allowed for replacement. Pistons may be up to .020 (.5mm) overbore. Pistons must be OEM or SPI replacements only. No Wiseco pistons allowed.
5. **Aftermarket engine gaskets may be used, but original factory spec thickness is required. No changes in engine dimensions can be made by gasket adjustments.
6. Only original type gasket materials allowed for engine assembly.
7. No engine update or performance kits/options allowed.
8. **Oil injection pump may be removed.
9. Only OEM carburetors allowed. Must be OEM for year, make and model.

WINDSHIELD

1. **Windshields may be removed or shortened, if used, must be mounted in the OEM mounting location.

SEAT/FUEL TANK

1. Seat/fuel tank must remain OEM for the model.
2. Seat may be recovered
3. **Seat must maintain original profile as produced. No alterations to stock seat except for mounting fasteners and location allowed

BRAKES

1. Brakes may be changed or altered but must remain in the stock location.

FRONT SUSPENSION SPRINGS

1. Any snowmobile suspension spring allowed.
2. **Limiter strap allowed but must maintain two inches of travel.
3. **Front suspension shocks must be welded body hydraulic shocks.

TORSION BARS

1. Must be OEM for the model.
2. OEM diameter and linkage must be maintained.

TRACK SUSPENSION

1. The complete suspension must be used as furnished and filed by the manufacture. There will be no suspension options permitted in Stock classes. **Travel may be limited with straps or chains but must maintain two inches of usable travel.
2. ** No gas shocks allowed. Must use hydraulic welded body shocks.
3. **Front rail/skid frame shock may be defeated but must be in place.

SUSPENSION WHEELS

1. OEM for the model suspension wheels, marginal snow wheels may be added or removed.
2. **OEM for the model rear idler wheels may be added. Aftermarket replacements allowed. OEM style bearings only. No exotic metal or ceramic bearings allowed.

SLIDE LUBRICATORS

1. Slide rail lubrication systems allowed.

TRACK

1. No "R" rated tracks allowed.
2. **Any OEM track of original dimensions may be used. Dimensions are defined as track length, width, and drive specified dimension. Example 15" wide X121" Long with 2.52 Drive Pitch. No pitch changes allowed. Track height must be no greater than 1" (one inch) lug height.
3. Re-clipping/repair is allowed.
4. No hooker studs.

FRAME and BODY

1. Must have stock hood and belly pan.
2. ** Headlight may be removed but the hole must but covered if removed. Headlight retention is encouraged as it is a stock-based class.
3. Frame must not be altered, or bracing added. No drilling of holes in chassis or frame to move suspension.
4. No chassis or suspension component reinforcement allowed.

CLUTCH

1. Primary and secondary clutch must match year, make and model of snowmobile.

SKIS

2. **Extruded aluminum skis allowed. Maximum of 6-inch carbides.

EXHAUST

1. Must retain OEM exhaust system. No altering allowed. This includes removal of sound deadening material.

HANDLEBAR

1. **Handlebar may be replaced, including extensions, to fit the driver. Handlebar column must remain in its original position and centered to the chassis.

WEIGHT

1. **Sled weight must be within 20 pounds of original filed weight for the model. The 20-pound max variance is allowed due to the allowed removal of the airbox and sound deadening foam inside the engine compartment. Filed weights for the models competing in this class are on record.

CLASS SPECIFIC RULES

1. No use of titanium or carbon fiber components.
2. No use of F500 suspension components in either the front or rear suspensions.
3. No use of F-500 specialized suspension components in either front or rear suspensions. No Hooper/Wahl or other aftermarket F-500 legal kits allowed.
4. **Offset of any chassis is limited ½ " (.500 inch) center to center.

INTENT AND SPIRIT OF THE CLASS.

This class is designed to be an affordable, fun, class of competition. It can be a starting point for a young driver or a level of competition for older drivers who no longer wish to compete in hi-level classes.

The class rules for this class are froze for four years. The next allowable rule changes will be proposed in spring of 2024 to be adopted in the 2025 season. This assures the ability to build a sled that has longevity and does not require costly annual upgrades. This is a factory stock produced snowmobile. The way it was produced is the way it must be ran, the only exceptions are the specific rules noted in the above text indicated by this symbol (**).

[15 items]

If it is not listed, it does not mean you can alter it.

If you desire a class with more liberal rules, or the ability to be creative in construction, please participate in any of the other USSA oval classes available.

The only revisions to this class for the next four years will be safety related changes, and only if required by recorded incidents or failures.

USSA Regional Class