

SMOKE SYSTEMS



SMOKE SYSTEM KIT MODELS SA-100 SERIES

All of the SA-100 series smoke system oil tanks are the same size (dimensions). Models Differ by oil suction tube design, oil pump mounting location and oil tank configuration. **Note: All kits are available with 12 or 24 volt DC smoke oil pumps. Please specify 12 or 24 volt DC when ordering.**

SA-101

- For continuous inverted flight.
 - Top mounted oil pump.
 - All hardware for complete installation.
 - Step by step instructions.
 - Height (To top of fill cap is) is 15"
 - Width (End where oil pump is mounted) is 11"
 - Depth (Pump to opposite end of tank) is 8.5"
 - Oil tank capacity: 3.5 US Gallons
 - Approx. oil used per minute: .8 Us Gallons
 - Approx. total run time: 5+ minutes.....P/N 05-01439
- NOTE: Add 1.5" to base on each side or end for bracket width.**



SMOKING AIRPLANES EXTERNAL FILL KIT

This kit has everything right down to the vinyl letter transfer "Smoke Oil Only" and detailed installation instructions.
P/N 05-03595

SMOKING AIRPLANES SMOKE SYSTEM 5.5V- Features: • Rated for 18g • 12v or 24v power ok • Suitable for all aircraft • Pump flow: 1.8 +/- GPM • Spray rate: 0.8 +/- GPM • Adjustable with incl valve • Tank capacity: 5.5 gallons • Total run time: 7+/- minutes • Typical installation time: 1 day • Ready for External Fill Kit option • Turbine and Jet ordering information • Engineered for continuous inverted flight • Strong monolithic tank construction (no seams) • See successfully earned FAA Field approvals • Oil level quickly & easily determined (tank is transparent) • Tank easily removed and re-connected (when space is needed)
P/N 05-28847



SMOKING AIRPLANES SMOKE OIL PUMP ONLY

The kit includes: • 1 Smoke Oil Pump • 1 Molex Quick Disconnect Wire Harness • 1 Instructions • 1 90 Degree AN-6 Fitting • 2 Straight AN-6 Fittings • 2 14 Gauge Wire Butt Connectors • Screws, Nuts Washers - Mounting Hardware • Customer Must Specify 12 Volt DC or 24 Volt DC.12V.....P/N 05-04477



SMOKING AIRPLANES SUCTION ASSEMBLY

• Brass clunk weight • Brass ferrule fittings, 2 • Black HDPE elbow, 1/2" NPT • Silicone rubber hose, 18" (easy to trim)
P/N 05-27111

SMOKING AIRPLANES OIL FILTER ASSEMBLY



• Smoking Airplanes Oil Filter Assembly • Easy to clean • 3/8" ID hose Barb • Internal filter suitable for smoke oil • Preassembled to connect to inlet side of pump.
P/N 05-28848



SMOKING AIRPLANES OIL FLOW VALVE

• Adjustable valve • Brass 3/8" NPT 90° inlet • Aluminum 6 AN 90° outlet with cap
P/N 05-28849



SMOKE SYSTEM KIT MODELS SA-200 SERIES

Both of the SA-200 series smoke system oil tanks are the same size (dimensions). Models Differ by oil suction tube design.

SA-201

- For continuous inverted flight.
 - Any Dimension top.
 - Pump can be mounted on top or any side surface.
 - Fill cap and any other fittings installed where you want them.
 - All hardware included for complete installation.
 - Height (To top of fill cap is) is 14"
 - Width (End where oil pump is mounted) is 10"
 - Depth (Pump to opposite end of tank) is 17.25"
 - Oil tank capacity: 5.5 US Gallons
 - Approx. oil used per minute: .8 Us Gallons
 - Approx. total run time: 7+ minutes.....P/N 05-02891
- NOTE: Add 1.5" to base on each side or end for bracket width.**

AP

COPPER STATE AVIATION SMOKE OIL

Copper State Petroleum's Aviation Smoke Oil is a low viscosity, amber colored petroleum base oil for many aviation smoke applications. It is non-toxic and specially formulated to produce a brilliant white smoke trail with incredible hang time. **Features:** • Made from highly refined base stocks and contains no additives that can harm smoke systems • Its low viscosity and ability to produce billowing white smoke clouds that are reluctant to dissipate make it the perfect choice for professionals looking to impress a crowd • Its non-flammable formulation makes it an extremely safe and superior alternative to dangerously ignitable home-made oil and fuel mixtures.

1 Gallon Bottle.....P/N 05-06946

5 Gallon Pail.....P/N 05-06947

55 Gallon Drum.....P/N 05-06948



SUPER-DRI® SKYSMOKE AVIATION FLUID

Super Dri® SkySmoke® Aviation Smoke Fluid is a professional grade, crystal clear, proprietary blend of the best fluids available. Super Dri®, established in 1976, formulated SkySmoke® especially for aircraft to be the cleanest, best smoking fluid available. SkySmoke® provides the most intense smoke and longest hang time. SkySmoke® is Environmentally Safe, Non-Hazardous and Non-Staining. Super Dri® may be used in wind tunnels, leak testing, special effects or anywhere intense smoke is required.

1 Gallon.....P/N 05-04972

5 Gallon.....P/N 05-04975

55 Gallon.....P/N 05-04976

55 GALLON IS DROP SHIP ONLY.



SMOKING AIRPLANES PREMIUM BLEND SMOKE OIL

Smoking Airplanes Premium Blend Smoke Oil is recommended for use with all Smoking Airplanes brand smoke system kits. Developed for maximum atomization through Smoking Airplanes LLC smoke oil injectors, it consists of a high grade paraffinic mineral oil blended with other proprietary ingredients to produce a full bodied, persistent, clean burning, brilliant white smoke trail. **Features:** • Brilliant white smoke • Persistent hang time • Equal or better than leading smoke oil brands.
5 Gallon.....P/N 05-06949