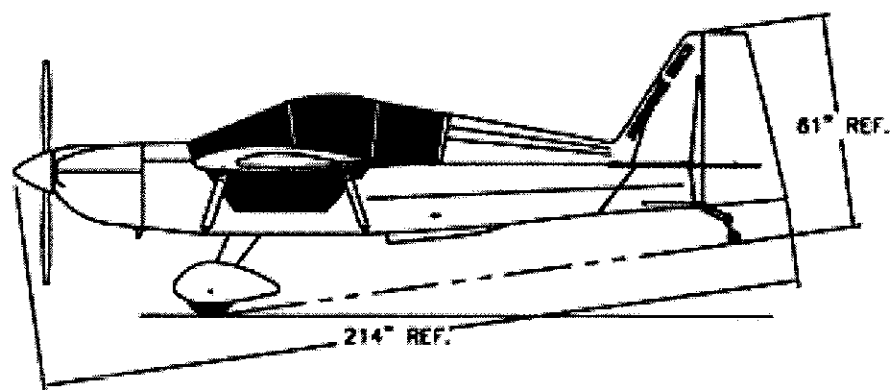
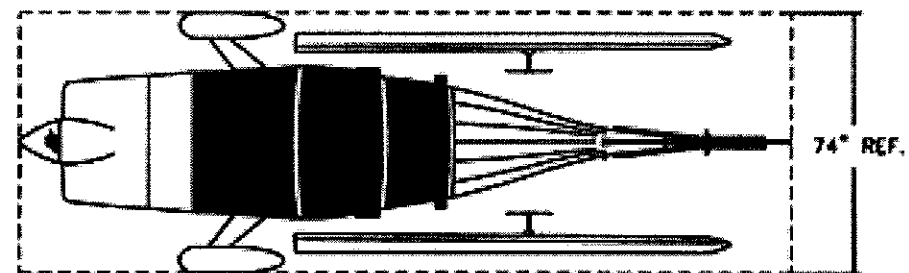
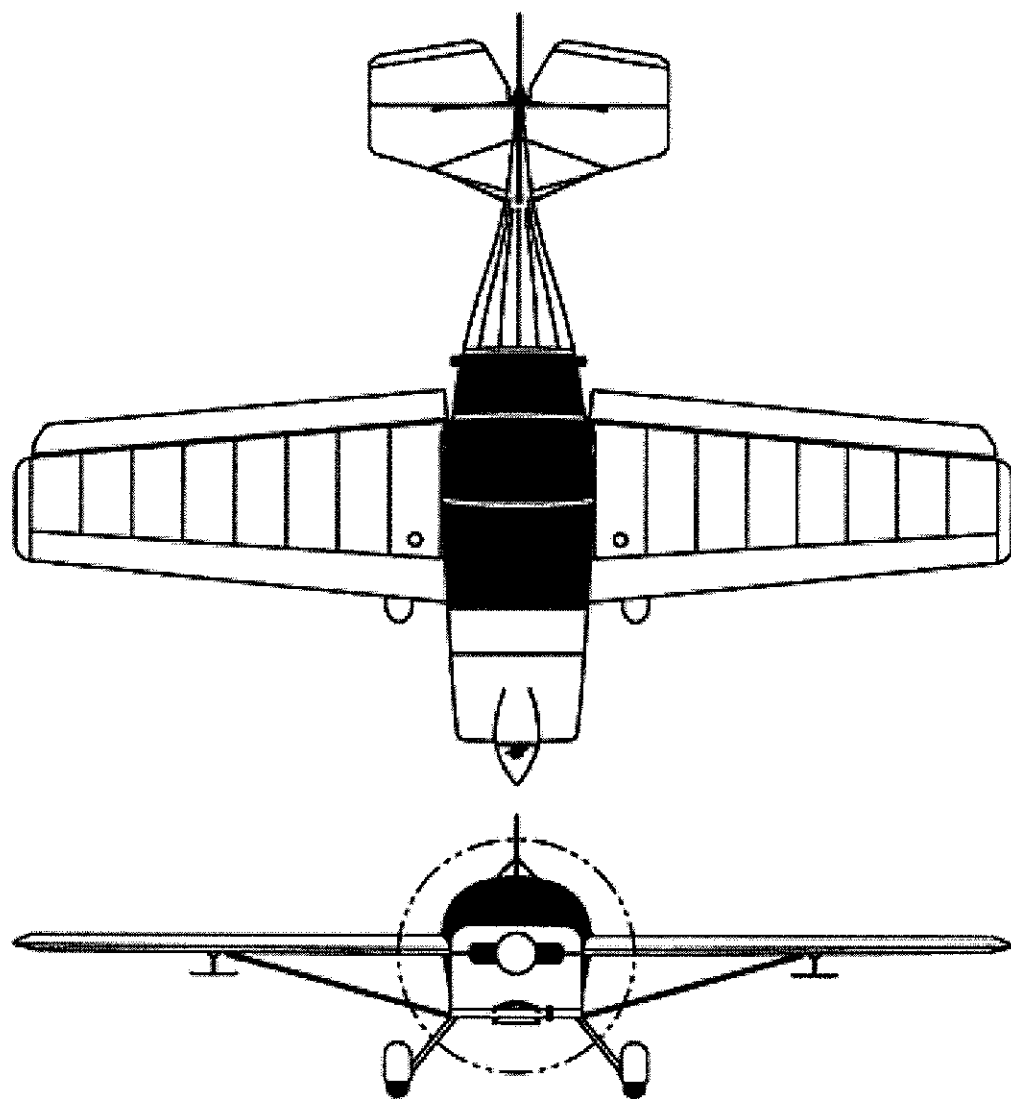


REF ID: A50555 S-10 SAKOTA

3-VIEW LINE DRAWING



RANS S-10 SAKOTA**Specifications, Performance, Standard Features, Pricing and Options**

SPECIFICATIONS	65 HP	80 HP/100 HP
Wing Span	24.0 ft	24.0 ft
Area	95.0 sq ft.	95.0 sq ft
Mean Chord	4 ft 2 in	4 ft 2 in
Aspect.	4.23:1	4.23:1
Length.	17 ft 10 in	17 ft 10 in
Height	4 ft 10 in	4 ft 10 in
Cockpit Width	39.75 in.	39.75 in
Headroom	38 in	38 in
Legroom	42 in	42 in
Number of Seats.	2	2
Doors	2	2
Landing Gear*	F/TD	F/TD
Baggage Volume	8 cu ft	8 cu ft
Baggage Capacity.	30 lbs	30 lbs
Auxiliary Baggage Volume	n/a.	n/a
Auxiliary Baggage Capacity	n/a.	n/a
Fuel Capacity	18 gal US	18 gal US

POWER PLANT	582	912/912S
Engine.	Rotax 582.	Rotax 912/Rotax 912S
Output.	65 hp.	80 hp/100 hp
Oil Capacity.	2.5 qts.	3.0 qts
Coolant Capacity.	4.4 qts.	4.4 qts
Propeller Diameter	68 in to 70 in.	68 in to 70 in
Propeller Type.	Wood	Wood
Gear Reduction.	1:2.58	1:2.27/1:2.43
Fuel G.P.H.	5.75 gal @ 85%	4.1/4.5 gal @ 80%

PERFORMANCE		
Take Off Roll.	300 ft.	325 ft/310 ft
Rate of Climb	800 fpm.	900 fpm/1200 fpm
Service Ceiling	12,500 ft	14,000 ft/14,500 ft
Cruise	110 mph	120 mph/125 mph
VNE.	130 mph	130 mph
Stall Clean.	45 mph	48 mph
Stall Flaps.	41 mph	44 mph
Roll Rate.	100° /sec	100° /sec
Glide Ratio	7:1	7:1
Landing Roll	400 ft.	400 ft
Endurance.	3.1 hrs.	4.4 hrs/4 hrs
Range.	341 miles	528/520 miles

WEIGHTS AND LOADINGS

Gross Weight	960 lbs	1010 lbs
Empty Weight	460 lbs	510 lbs
Useful Load.	500 lbs	500 lbs
Wing Loading	10.1 lbs.	10.6 lbs
Power Loading	14.7 lbs.	12.6 lbs
Limit Load Factors**	+4 -2	+4 -2

* F/TD = Fixed Taildragger

**+6-3 at or below 800 gross weight

RANS S-10 SAKOTA Standard Equipment and Features

ROTAX 582 65 HP liquid cooled with dual CDI ignition; RPM gauge; 2-Blade wood prop; 4130 Welded steel fuselage, tail group and tapered steel landing gear; Aluminum wheels with aircraft tires; Wheel pants; Pre-formed trussed wing ribs; .020 Aluminum leading edge wrap; 3" Tubular Aluminum Main spars; 2" Tubular Aluminum Aft spars; (2) 9 Gallon wing tanks; Seat adjustable in tilt and fore and aft; 2.7 ounce aircraft covering fabric, all tapes, glue, and inspection plates; Aluminum framed canopy; Airfoil struts; In-flight pitch trim; In-flight start; "Deep Set" panel; Roll over protection; Shoulder harnesses and lap belts; Dual elevator horns; 1 1/4" Push-pull elevator tube; Cable operated rudder; 3-Position flaps; Differential ailerons are cable and push-pull tube operated; Dual control sticks and throttles; Center flap lever; Pre-molded cowling; 12" Composite spinner; Heavy duty engine mount; Under the wing windows; Dual fuselage foot pegs and wing steps; Dual wire braced folding tail; Steerable tail wheel; Dual rudder pedals; Hydraulic brakes; Firewall sound proofing; Baggage compartment.

The S-10 Sakota is an FAA Approved 51% Kit - No welding required.

Build Time: 350 to 600 hours

Kits delivered as of 02/04: **193**

S-10 SAKOTA PRICES & OPTIONS

BASE PRICES WITHOUT ENGINE (Click Here for current Engine Pricing)	
Complete Airframe Kit including all components, parts, and hardware to install the Rotax 582 DC engine	\$13,435
Complete Airframe Kit including all components, parts, and hardware to install the Rotax 912 UL engine	\$16,040
Complete Airframe Kit including all components, parts, and hardware to install the Rotax 912S UL engine	\$16,140
NOTE: Subtract \$200 for 582 install kits less prop. Subtract \$300 for 912 install kit less prop. Prices for engines and props purchased later will be quoted at the time of purchase.	
ENGINE RELATED OPTIONS	
C Gear Box: Ratios usable for S-10 are 2.62:1 and 3:1. 3:1 requires an optional propeller.	\$530
Electric Starter Kit (Standard with 912 and 912S Install Kits): Includes Magneto End Electric Starter Motor, Battery, Battery Box, Key Switch, Wiring, Cable, and Hardware.	\$700
Aerobatic Package for 582 Includes Mikuni Pumper Carbs, Pre-set and ready to mount, CNC Machined Adapter Plate, Throttle Cables, Mounting Hardware, Extra Lap Belt and Pads.) (Installation of the Mikuni Carbs is considered a modification to your engine and will void Rotax Warranty.)	\$1,400

PROP OPTIONS

Please visit with our sales staff when considering propellers other than what is standard.

INTERIOR OPTIONS

Prime Fuselage, Powder Coat Engine Mount & Tail Frames (Gray)	\$600
Tinted Glass	\$40
Heater (Radiant style, only with water cooled engines)	\$375

UPHOLSTERY OPTIONS

Standard upholstery includes an upholstered bench seat in grey tweed material. At this time we offer no other upholstery options.

OTHER OPTIONS

Low Back (Rear Window)	\$200
Streamline Footstep	\$45
Gascolator	\$60
Main Gear Leg Fairings, Raw	\$90/pr
Whelen Strobe/Nav Light Kit	\$825
Aero Flash Strobe/Nav Light Kit	\$650
Strobe Mount Kit	\$40
Adjustable Lift Strut Kit	\$95
Aileron Spades	\$110
Extra Lap Belt & Pads	\$40

RANS Inc. reserves the right to make changes in prices, specifications or models or add improvements at any time without notice or obligation. Some measurements are approximate. Photos may show optional equipment.

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